

Přehled impaktovaných publikací pracovníků/studentů ÚGV PřF MU Brno v období 2003-2024

2024 (celkem 25 článků, 7 studentů spoluautorů – červeně)

Acosta-Vigil, **Kotková, J., Čopjaková, R.**, Wirth, R., Hermann, J. (2024): Experimental constraints on the nature of multiphase solid inclusions and their bearing on mantle wedge metasomatism, Bohemian Massif. *Contributions to Mineralogy and Petrology*, 179, 7. doi: 10.1007/s00410-024-02132-1

WoS: IF₂₀₂₃: 3,5; Q1 (17/101) in Geochemistry & Geophysics; Q1 (5/30) in Mineralogy; počet citací: 0

Baroň, I., Jelének, J., Klimeš, J., Dong, J.-J., **Melichar, R., Šutjak, M.**, Chen, Y., Yang, C.-M., Zhan, E.-L., Méndez, J., Tseng, C.-H., Hartvich, F., Blahůt, J., Nguyễn, T.-T., **Kociánová, L., Bárta, F., Dušek, V.**, Kycl, P. (2024): Source area morphometry and high depletion rate of landslides may indicate their coseismic origin. *Engineering Geology*, 330, 107424. doi: 10.1016/j.enggeo.2024.107424

WoS: IF₂₀₂₃: 6,9; Q1 (3/63) in Engineering, Geological; Q1 (16/253) in Geosciences, Multidisciplinary; počet citací: 0

Bednář, D., Geršlová, E., Otáhal, P., Vöröš, D. (2024): Effects of mine water Discharge on river sediments: metal fate and behavior, Upper Silesian Coal Basin. *Environmental Earth Sciences*, 83, 71. doi: 10.1007/s12665-023-11356-6

WoS: IF₂₀₂₃: 2,8; Q3 (187/358) in Environmental Sciences; Q2 (84/253) in Geosciences, Multidisciplinary; Q2 (45/127) in Water Resources; počet citací: 0

Boháč, M., Zezulová, A., Krejčí Kotlánová, M., Kubátová, D., Staněk, T., Krejza, Z., **Všianský, D.**, Novotný, R., Palovčík, J., Dvořák, K. (2024): Early hydration of C₄AF with silica fume and its role on katoite composition. *Journal of Microscopy*, 294, 2, 168–176. doi: 10.1111/jmi.13280

WoS: IF₂₀₂₃: 1,5; Q3 (6/8) in Microscopy; počet citací: 0

Brabec M., **Krmíček, L.** (2024): Schmidt Rebound Hardness Dependence on the Core-Size: A Correction Model Presented and Tested on Greywacke. *Journal of Testing and Evaluation*, 52, 4, 2663–2673. doi: 10.1520/JTE20230628

WoS: IF₂₀₂₃: 0,8; Q4 (31/38) in Materials Science, Characterization & Testing; počet citací: 0

Dolníček, Z., **Krejčí Kotlánová, M.**, Ulmanová, J., Sejkora, J. (2024): Remobilization of HFSE, Y, and REE during Diagenetic Alteration of Heavy Minerals in Sandstones from the Chvalčov Site, Flysch Belt of the Outer Western Carpathians, Czech Republic. *Minerals*, 14, 1. doi: 10.3390/min14010001

WoS: IF₂₀₂₃: 2,2; Q2 (40/101) in Geochemistry & Geophysics; Q2 (10/30) in Mineralogy; Q2 (11/31) in Mining & Mineral Processing; počet citací: 0

Faimon, J., Lang, M., Štelcl, J., Rez, J., Baldík, V., Hebelka, J. (2024): Karst cave, a seasonal carbon dioxide exchanger: an example of Sloup-Šošůvka Caves (Moravian Karst). *Theoretical and Applied Climatology*. In Press. doi: 10.1007/s00704-024-05049-8

WoS: IF₂₀₂₃: 2,8; Q3 (56/110) in Meteorology & Atmospheric Sciences; počet citací: 0

Faimon, J., Baldík, V., **Štelcl, J., Všianský, D., Rez, J., Pracný, P.**, Novotný, R., **Lang, M.**, Roubal, Z., Szabó, Z., Hadacz, R. (2024): Corrosion of calcite speleothems in epigenic caves of Moravian Karst (Czech Republic). *Environmental Earth Sciences*, 83, 6, 184. doi: 10.1007/s12665-024-11449-w

WoS: IF₂₀₂₃: 2,8; Q3 (187/358) in Environmental Sciences; Q2 (84/253) in Geosciences, Multidisciplinary; Q2 (45/127) in Water Resources; počet citací: 0

Haifler, J., Kotková, J., **Čopjaková, R.** (2024): Crystallisation of trapped carbonate–silicate melts terminating at the carbonated solidus ledge: a record of carbon immobilisation mechanism in the lithospheric mantle. *Contributions to Mineralogy and Petrology*, 179, 31. doi: 10.1007/s00410-024-02108-1

WoS: IF₂₀₂₃: 3,5; Q1 (17/101) in Geochemistry & Geophysics; Q1 (5/30) in Mineralogy; počet citací: 1

Hykš, P., Kumpan, T., Svobodová, A. (2023): Early Oxfordian occurrence of shark *Notidanoides muensteri* in Jurassic shelf lagoon deposits at Brno-Hády (Czechia). *Palaeontographica, Abteilung A-Palaeozoologie-Stratigraphie*, 327, 4-6, 93–106. doi: 10.1127/pala/2023/0143

WoS: IF₂₀₂₃: 1,8; Q2 (17/56) in Paleontology; počet citací: 0

Chládek, Š., Novák, M., Uher, P., Gadas, P., Matýsek, D., Bačík, P., Škoda, R. (2024): Evolution of beryllium minerals in granitic pegmatite Maršíkov D6e, Czech Republic: Complex breakdown of primary beryl by internal and external hydrothermal-metamorphic fluids. *Geochemistry*, 84, 126092. doi: 10.1016/j.chemer.2024.126092
WoS: IF₂₀₂₃: 2,6; Q2 (35/101) in *Geochemistry & Geophysics*; počet citací: 0

Chroustová, K., Říčka, A., Pasternáková, B., Kuchovský, T., Růde, T.R., Zeman, J. (2024): Identification of deep Czech Republic–Austria transboundary aquifer Discharge and associated river chloride loading. *Environmental Earth Sciences*, 83, 366. doi: 10.1007/s12665-024-11670-7
WoS: IF₂₀₂₃: 2,8; Q3 (187/358) in *Environmental Sciences*; Q2 (84/253) in *Geosciences, Multidisciplinary*; Q2 (45/127) in *Water Resources*; počet citací: 0

Kasatkin, A.V., Zubkova, N.V., Škoda, R., Pekov, I.V., Agakhanov, A.A., Gurzhiy, V.V., Ksenofontov, D.A., Belakovskiy, D.I., Kuznetsov, A.M. (2024): The mineralogy of the Historical Mochalin Log REE deposit, South Urals, Russia. Part V. Zilbermintsite-(La), (CaLa₅)(Fe³⁺Al₃Fe²⁺)[Si₂O₇][SiO₄]₅O(OH)₃, a new mineral with ET2 type structure and a definition of radekškodaite group. *Mineralogical Magazine*. In Press. doi: 10.1180/mgm.2024.17
WoS: IF₂₀₂₃: 2,8; Q2 (8/30) in *Mineralogy*; počet citací: 0

Kasatkin, A.V., Nestola, F., Day, M.C., Gorelova, L.A., Škoda, R., Vereshchagin, O.S., Agakhanov, A.A., Belakovskiy, D.I., Pamato, M.G., Cempírek, J., Anosov, M.Y. (2024): Fluor-rossmanite, □(Al₂Li)Al₆(Si₆O₁₈)(BO₃)₃(OH)₃F, a new tourmaline supergroup mineral from Malkhan pegmatite field, Western Siberia, Russia. *Mineralogical Magazine*. In Press. doi: 10.1180/mgm.2024.34
WoS: IF₂₀₂₃: 2,8; Q2 (8/30) in *Mineralogy*; počet citací: 0

Krejčí Kotlánová, M., Dolníček, Z., René, M., Prochaska, W., Ulmanová, J., Kapusta, J., Mašek, V., Kropáč, K. (2024): Fluid Evolution of Greisens from Krupka Sn-W Ore District, Bohemian Massif (Czech Republic). *Minerals*, 14, 86. doi: 10.3390/min14010086
WoS: IF₂₀₂₃: 2,2; Q2 (40/101) in *Geochemistry & Geophysics*; Q2 (10/30) in *Mineralogy*; Q2 (11/31) in *Mining & Mineral Processing*; počet citací: 0

Kubeš, M., Leichmann, J., Wertich, W., Čopjaková, R., Holá, M., Škoda, R., Kříbek, B., Mercadier, J., Cuney, M., Deloule, E., Lecomte, A., Krzemińska, E. (2024): Ultrapotassic plutons as a source of uranium of vein-type U-deposits (Moldanubian Zone, Bohemian Massif): insights from SIMS uraninite U–Pb dating and trace element Geochemistry. *Mineralium Deposita*. In Press. doi: 10.1007/s00126-024-01263-6
WoS: IF₂₀₂₃: 4,4; Q1 (10/101) in *Geochemistry & Geophysics*; Q1 (4/30) in *Mineralogy*; počet citací: 0

Lang, M., Faimon, J., Pracný, P., Štelcl, J., Kejíková, S., Hebelka, J. (2024): Impact of water exhaled out by visitors in show caves: a case study from the Moravian Karst (Czech Republic). *Environmental Science and Pollution Research*, 31, 27117–27135. doi: 10.1007/s11356-024-32946-2
WoS: IF₂₀₂₃: ???; Q1 (86/359) in *Environmental Sciences*; počet citací: 0

Petřík, J., Adameková, K., Přišťáková, M., Petr, L., Tencer, T., Novák, J., Vrána, J., Kalábek, M., Peška, J., Milo, P. (2024): Fluctuating nature of prehistoric settlement and land use preserved in Sedimentary record of vanished gully. *Catena*, 243, 108128. doi: 10.1016/j.catena.2024.108128
WoS: IF₂₀₂₃: 5,4; Q1 (24/253) in *Geosciences, Multidisciplinary*; Q1 (7/49) in *Soil Science*; Q1 (12/127) in *Water Resources*; počet citací: 0

Petřík, J., Adameková, K., Goláňová, P., Tencer, T., Prokeš, L. (2024): The potential of low-destructive characterization of archaeological sites with stony and eroded soils through geostatistics at the Celtic oppidum of Bibracte (France). *Journal of Archaeological Science: Reports*, 55, 104509. doi: 10.1016/j.jasrep.2024.104509
WoS: IF₂₀₂₃: 1,5; Q1 (19/163) in *Archaeology*; počet citací: 0

Ravaszová, S., Dvořák, K., Boháč, M., Všianský, D., Jančíková, A. (2024): Formation, Stability, and Crystallinity of Various Tricalcium Aluminate Polymorphs. *Materials*, 17, 735. doi: 10.3390/ma17030735
WoS: IF₂₀₂₃: 3,1; Q3 (90/178) in *Chemistry, Physical*; Q2 (208/438) in *Materials Science, Multidisciplinary*; Q2 (20/90) in *Metallurgy & Metallurgical Engineering*; Q2 (63/179) in *Physics, Applied*; Q2 (32/79) in *Physics, Condensed Matter*; počet citací: 0

Sejkora, J., Plášil, J., Dolníček, Z., Ulmanová, J., Škoda, R. (2024): Skachaite, $\text{CaCo}(\text{CO}_3)_2$, a new member of the dolomite group, from the Brod deposit near Příbram, Czech Republic. *Mineralogical Magazine*. In Press. doi: 10.1180/mgm.2024.21

WoS: IF₂₀₂₃: 2,8; Q2 (8/30) in Mineralogy; počet citací: 0

Steciuk, G., Majzlan, J., Rohlíček, J. Škoda, R., Sejkora, J., Plášil, J. (2024): Znucalite, the only known zinc uranyl carbonate: Its crystal structure and environmental Implications. *American Mineralogist*, 109, 5, 949–959. doi: 10.2138/am-2023-8956

WoS: IF₂₀₂₃: 2,7; Q2 (31/101) in Geochemistry & Geophysics; Q2 (9/30) in Mineralogy; počet citací: 0

Trampota, F., Přichystal, A. (2024): On foot, by boat: Distribution methods of raw materials suitable for lithics in Central Europe in c. 4900–3400 BCE. *Journal of Lithic Studies*, 11, 1. doi: 10.2218/jls.7971

WoS: IF₂₀₂₃: 1,1; Q2 (62/163) in Archaeology; počet citací: 0

Trnová, K., Gadas, P., Bartík, J., Buriánek, D., Přichystal, A., Slavíček, K. (2024): Metabasite Artefacts from the Neolithic Settlement at Brno-Holásky/Tuřany Compared to the Potential Source Rocks within the Želešice Metabasite Body Based on Petrography and Mineralogy. *Interdisciplinaria Archeologica-Natural Sciences in Archaeology*, 15, 1, 77–92. doi: 10.24916/iansa.2024.1.6

WoS: IF₂₀₂₃: 0,2; Q4 (122/139) in Anthropology; počet citací: 0

Xiao, Y., Rembe, J., Čopjaková, R., Aitchison, J.C., Chen, Y., Zhou, R. (2024): Sedimentary record of Variscan unroofing of the Bohemian Massif. *Gondwana Research*, 128, 141–160. doi: 10.1016/j.gr.2023.11.003

WoS: IF₂₀₂₃: 7,2; Q1 (14/253) in Geosciences, Multidisciplinary; počet citací: 0

2023 (celkem 61 článků, 15 studentů spoluautorů – červeně)

Abdale, L., Belley, P. M., Groat, L. A., Cempírek, J., Škoda, R., Wall, C. (2023): Corundum genesis at the Blue Jay Sapphire occurrence (British Columbia, Canada) as a record of metamorphism and partial melting in the Monashee Complex. *Lithos*, 438–439, 106992. doi: 10.1016/j.lithos.2022.106992

WoS: IF₂₀₂₂: 3,5; Q2 (24/86) in Geochemistry & Geophysics; Q1 (6/29) in Mineralogy; počet citací: 1

Bábek, O., Sracek, O., Všíanský, D., Holá, M. (2023): Groundwater red beds in Holocene fluvial sediments as a product of iron and manganese redox cycling; Morava River, Czechia. *Sedimentology*, 70, 7, 2220–2240. doi: 10.1111/sed.132119

WoS: IF₂₀₂₂: 3,5; Q1 (3/48) in Geology; počet citací: 0

Bačík, P., Fridrichová, J., Rybníková, O., Štubňa, J., Illášová, L., Škoda, R., Vaculovič, T., Pulišová, Z., Sečkář, P. (2023): Crystal-Chemical and Spectroscopic Study of Gem Sphalerite from Banská Štiavnica, Slovakia. *Minerals*, 13, 109. doi: 10.3390/min13010109

WoS: IF₂₀₂₂: 2,5; Q2 (39/86) in Geochemistry & Geophysics; Q2 (13/29) in Mineralogy; Q2 (8/20) in Mining & Mineral Processing; počet citací: 0

Bačík, P., Wildner, M., Cempírek, J., Škoda, R., Cibula, P., Vaculovič, T. (2023): The position of vanadium in the crystal structure of zoisite, variety tanzanite: Structural refinement, optical absorption spectroscopy and bond-valence calculations. *Mineralogical Magazine*, 87, 599–610. doi: 10.1180/mgm.2023.48

WoS: IF₂₀₂₂: 2,7; Q2 (10/29) in Mineralogy; počet citací: 0

Burgert, P., Přichystal, A., Gadas, P. (2023): Raw materials for Neolithic Ground tools from the extraction fields at Bílý Kámen Hill, Central Bohemia. *Archeologické rozhledy*, 75, 3, 253–277. doi: 10.35686/AR.2023.18

WoS: IF₂₀₂₂: 0,6; Q3 (90/161) in Archaeology; počet citací: 0

Barták, P., Ivanov, M. (2023): The exceptionally well-preserved *Sauroploera scalaris* (Nectridea: Urocordylidae) from the late Carboniferous of the Czech Republic: new information on ontogeny, lateral line and tail. *Zoological Journal of the Linnean Society*, 199, 2, 392–416. doi: 10.1093/zoolinnean/zlad039

WoS: IF₂₀₂₂: 2,8; Q1 (12/176) in Zoology; počet citací: 0

Calábková, G., Březina, J., Nosek, V., Madzia, D. (2023): Synapsid tracks with skin impressions illuminate the terrestrial tetrapod diversity in the earliest Permian of equatorial Pangea. *Scientific Reports*, 13, 1130. doi: 10.1038/s41598-023-27939-z

WoS: IF₂₀₂₂: 4,6; Q2 (22/73) in Multidisciplinary Sciences; počet citací: 2

Calábková, G., Chlachula, J., **Ivanov, M.**, Hložková, M., Czerniawska, J., Vašinová-Galiová, M., Prokeš, L., **Gadas, P.** (2023): Microbial degradation of Pleistocene permafrost-sealed fossil mammal remains. *Quaternary Research*, 111, 84–106. doi: 10.1017/qua.2022.28

WoS: IF₂₀₂₂: 2,3; Q3 (29/49) in Geography, Physical; Q3 (116/201) in Geosciences, Multidisciplinary; počet citací: 1

Calábková, G., Madzia, D., Nosek, V., **Ivanov, M.** (2023): Tracking ‘transitional’ diadectomorphs in the earliest Permian of equatorial Pangea. *PeerJ*, 11, e16603. doi: 10.7717/peerj.16603

WoS: IF₂₀₂₂: 2,7; Q2 (36/73) in Multidisciplinary Sciences; počet citací: 1

Dvořák, K., **Všianský, D.**, Ravaszová, S., Jančíků, A. (2023): Synthesis of M1 and M3 alite polymorphs and accuracy of their quantification. *Cement and Concrete Research*, 163, 107016. doi: 10.1016/j.cemconres.2022.107016

WoS: IF₂₀₂₂: 11,4; Q1 (2/68) in Construction & Building Technology; Q1 (35/342) in Materials Science, Multidisciplinary; počet citací: 7

Frýbort, A., Štulířová, J., Grošek, J., **Gregerová, M.** (2023): Changes in the chemical composition of silica fume in the concrete composite system. *Case Studies in Construction Materials*, 18, e01916. doi: 10.1016/j.cscm.2023.e01916

WoS: IF₂₀₂₂: 6,2; Q1 (12/68) in Construction & Building Technology; Q1 (17/139) in Engineering, Civil; Q2 (91/344) in Materials Science, Multidisciplinary; počet citací: 6

Gadas, P., **Novák, M.**, Vašinová Galiová, M., Pezzotta, F. (2023): Chemical composition of tourmalines from the Manjaka pegmatite and its exocontact, Sahatany Valley, Madagascar. *Journal of Geosciences*, 68, 185–202. doi: 10.3190/jgeosci.374

WoS: IF₂₀₂₂: 1,4; Q3 (61/87) in Geochemistry & Geophysics; Q3 (19/29) in Mineralogy; počet citací: 0

Gašpar, A., **Petřík, P.**, Fojtík, P., Tsoupra, A., Mir-Makhamad, B., Cardoso, A., Beltrame, M., Mirão, J., Schiavon, N., Kolář, J. (2023): Beyond Technology: Pottery Reveals Translocal Social Relations at a Bell Beaker Monumental Site in Central Europe. *European Journal of Archaeology*, 26, 3, 299–319. doi: 10.1017/eea.2022.46

WoS: IF₂₀₂₂: 1,5; Q1 (17/158) in Archaeology; počet citací: 0

Georgieva, S., Vassileva, R. D., Grozdev, V., Milenkov, G., **Cempírek, J.**, **Škoda, R.**, Stefanova, E. (2023): Redistribution of incompatible elements during hydrothermal alteration of pegmatite from the Djurkovo Pb-Zn deposit, Central Rhodopes. *Review of the Bulgarian Geological Society*, 84, 3, 35–38. doi: 10.52215/rev.bgs.2023.84.3.35

WoS: IF₂₀₂₂: 0,2; Q4 (242/249) in Geosciences, Multidisciplinary; počet citací: 0

Grossi, C., Rabago, D., Chambers, S., Sáinz, C., Curcoll, R., Otáhal, P. P. S., **Fialová, E.**, Quindos, L., Vargas, A. (2023): Characterizing the automatic radon flux transfer standard system Autoflux: laboratory calibration and field experiments. *Atmospheric Measurement Techniques*, 16, 10, 2655–2672. doi: 10.5194/amt-16-2655-2023

WoS: IF₂₀₂₂: 3,8; Q2 (37/94) in Meteorology & Atmospheric Sciences; počet citací: 2

Hanus, R., **Sobek, K.**, Souček, K., Staš, L., Georgiou, L., Selucká, A. (2023): A non-destructive analytical study of cultural heritage object from Late Antiquity: gold framework and gemstone inlays. *Heritage Science*, 11, 33. doi: 10.1186/s40494-023-00874-y

WoS: IF₂₀₂₂: 5,5; Q3 (52/86) in Chemistry, Analytical; Q3 (224/342) in Materials Science, Multidisciplinary; Q2 (16/41) in Spectroscopy; počet citací: 0

Hejl, E., Heberer, B., Salcher, B., Sekyra, G., Van den haute, P., **Leichmann, J.** (2023): Thermochronological constraints on the post-Variscan exhumation history of the southeastern Bohemian Massif (Waldviertel and Weinsberg Forest, Austria): palaeogeographic and geomorphologic implications. *International Journal of Earth Sciences*, 112, 1203–1226. doi: 10.1007/s00531-023-02294-6

WoS: IF₂₀₂₂: 2,3; Q3 (116/201) in Geosciences, Multidisciplinary; počet citací: 1

Henry, R.E., Groat, L.A., **Cempírek, J., Škoda, R.**, Holá, M. (2023): Predicting the Crystal Structure of Beryl from the Chemical Composition. *Canadian Journal of Mineralogy and Petrology*, 61, 4, 873–897. doi: 10.3749/2200034

WoS: IF₂₀₂₂: neuvedeno; počet citací: 0

Hlavica, M., **Slavíček, K.**, Valášková, L., **Petřík, J., Všianský, D.** (2023): Pottery as a witness of commercialization: The case of 9th-century 'Great Moravia'. *Præhistorische Zeitschrift*. In Press. doi: 10.1515/pz-2023-2012

WoS: IF₂₀₂₂: 0,6; Q3 (67/91) in Anthropology; počet citací: 0

Hložková, M., Vašinová Galiová, M., Coufalík, P., Breiter, K., **Škoda, R.**, Březina, M., Brtnický, M., Kynický, J. (2023): Determination of tin in geological materials using LA-ICP-MS: Seemingly simple analysis? *Chemical Geology*, 641, 121775. doi: 10.1016/j.chemgeo.2023.121775

WoS: IF₂₀₂₂: 3,9; Q1 (19/87) in Geochemistry & Geophysics; počet citací: 0

Hradsky, D., Machac, P., Skoda, D., Leonova, L., Sazama, P., Pasatvova, J., Kaucky, D., **Všiansky, D.**, Moravec, Z., Styskalik, A. (2023): Catalytic performance of micro-mesoporous zirconsilicates prepared by non-hydrolytic sol-gel in ethanol-acetaldehyde conversion to butadiene and related reactions. *Applied Catalysis A-General*, 652, 119037. doi: 10.1016/j.apcata.2023.119037

WoS: IF₂₀₂₂: 5,5; Q2 (55/161) in Chemistry, Physical; Q2 (71/274) in Environmental Sciences; počet citací: 7

Hršelová, P., Houzar, S., Buriánek, D., **Všianský, D.**, Szczerba, M., Ciesielska, Z., **Štelcl, J., Nehyba, S.** (2023): Chromium-rich illite/smectite in the basal Balinka conglomerate of the upper carboniferous-permian Boskovic basin (Bohemian massif). *Annales Societatis Geologorum Poloniae*, 93, 195–210. doi: 10.14241/asgp.2023.05

WoS: IF₂₀₂₂: 1,3; Q3 (30/48) in Geology; počet citací: 0

Chroust, M., Mazuch, M., **Ivanov, M.**, Alba, D.M., **Luján, Á.H.** (2023): Redescription of the soft-shell turtle *Rafetus bohemicus* (Testudines, Trionychidae) from the Early Miocene of Czechia. *PeerJ*, 11, e15658. doi: 10.7717/peerj.15658

WoS: IF₂₀₂₂: 2,7; Q2 (36/73) in Multidisciplinary Sciences; počet citací: 2

Kanduč, T., Geršl, M., **Geršlová, E.**, McIntosh, J. (2023): Temporal and Seasonal Variations of Silicate Svatka River and Sediment Characterization, Czech Republic: Geochemical and Stable Isotopic Approach. *Aquatic Geochemistry*, 29, 145–171. doi: 10.1007/s10498-023-09414-3

WoS: IF₂₀₂₂: 1,6; Q3 (54/87) in Geochemistry & Geophysics; počet citací: 1

Kasatkin, A.V., Nestola, F., Plášil, J., Sejkora, J., Vymazalová, A., **Škoda, R.** (2023): Tolstykhite, Au₃S₄Te₆, a new mineral from Maletoyvayam deposit, Kamchatka peninsula, Russia. *Mineralogical Magazine*, 67, 34–49. doi: 10.1180/mgm.2022.109

WoS: IF₂₀₂₂: 2,7; Q2 (10/29) in Mineralogy; počet citací: 3

Kasatkin, A.V., Pekov, I.V., **Škoda, R.**, Chukanov, N.V., Nestola, F., Agakhanov, A.A., Kuznetsov, A.M., Koshlyakova, N.N., Plášil, J., Britvin, S. (2023): Fluoropyromorphite, Pb₅(PO₄)₃F, a new apatite-group mineral from Sukhovyaz Mountain, Southern Urals, and Tolbachik volcano, Kamchatka. *Journal of Geosciences*, 68, 81–93. doi: 10.3190/jgeosci.368

WoS: IF₂₀₂₂: 1,4; Q3 (59/86) in Geochemistry & Geophysics; Q3 (19/29) in Mineralogy; počet citací: 1

Kasatkin, A.V., Vymazalová, A., Nestola, F., Gurzhiy, V.V., Agakhanov, A.A., **Škoda, R.**, Belakovskiy, D.I., Generalov, M.E. (2023): A re-evaluation of stannopalladinite using modern analytical techniques. *Mineralogical Magazine*, 87, 773–782. doi: 10.1180/mgm.2023.73

WoS: IF₂₀₂₂: 2,7; Q2 (10/29) in Mineralogy; počet citací: 0

Kasatkin, A.V., Zubkova, N.V., Agakhanov, A.A., Chukanov, N.V., **Škoda, R.**, Nestola, F., Belakovskiy, D.I., Pekov, I.V. (2023): Mangani-eckermannite, NaNa₂(Mg₄Mn³⁺)Si₈O₂₂(OH)₂, a new amphibole from Tanohata Mine, Iwate Prefecture, Japan. *Mineralogical magazine*, 87, 6, 935–942. doi: 10.1180/mgm.2023.63

WoS: IF₂₀₂₂: 2,7; Q2 (10/29) in Mineralogy; počet citací: 0

Krempel, I., Novotný, K., **Wertich, V., Škoda, R.**, Kanický, V., **Leichmann, J.** (2023): Distinguishing secondary uranium mineralizations in uranium ore using LIBS imaging. *Spectrochimica Acta Part B: Atomic Spectroscopy*, 26, 106734. doi: 10.1016/j.sab.2023.106734

WoS: IF₂₀₂₂: 3,3; Q1 (9/41) in Spectroscopy; počet citací: 4

Krmíček, L., Troll, V.R., Thordarson, T., Brabec, M., Moreland W.M., **Maťo, A.** (2023): The 2023 Litli-Hrútur eruption of the Fagradalsfjall Fires, SW-Iceland: Insights from trace element compositions of olivine. *Czech Polar Reports* 13 (2), 257–270. doi: 10.5817/CPR2023-2-20

WoS: IF₂₀₂₂: 1,0; počet citací: 0

Máčka, Z., Braucher, R., Migoń, P., Belova, O., **Leichmann, J.** (2023): Gneissic tors in the central European upland: Complex Late Pleistocene forms? *Geomorphology*, 436, 108764. doi: 10.1016/j.geomorph.2023.108764

WoS: IF₂₀₂₂: 3,9; Q2 (13/49) in Geography, Physical; Q2 (53/201) in Geosciences, Multidisciplinary; počet citací: 2

Mareček, L., Melichar, R., Černý, J., Schnabl, P., Hrdličková, K., Buriánek, D. (2023): Non-coaxial deformation of foreland basement involved in a fold-and-thrust belt: a strain partitioning approach to the Eastern Variscan orogen. *Scientific Reports*, 13, 8143. doi: 10.1038/s41598-023-35400-4

WoS: IF₂₀₂₂: 4,6; Q2 (22/73) in Multidisciplinary Sciences; počet citací: 0

Mauro, D., Biagioni, C., Sejkora, J., Dolníček, Z., **Škoda, R.** (2023): Batoniite, $[Al_8(OH)_{14}(H_2O)_{18}](SO_4)_5 \cdot 5H_2O$, a new mineral with the $[Al_8(OH)_{14}(H_2O)_{18}]^{10+}$ polyoxocation from the Cetine di Cotorniano Mine, Tuscany, Italy. *European Journal of Mineralogy*, 35, 703–714. doi: 10.5194/ejm-35-703-2023

WoS: IF₂₀₂₂: 2,1; Q3 (15/29) in Mineralogy; počet citací: 0

Mikysek, P., Trojek, T., Mikyskova, E., Trojkova, D., Adamovič, J., **Slobodník, M., Mészárosová, N.** (2023): Detection and visualization of micron-scale U-Ca phosphates as a key to redox and acid-base conditions in ores: sandstone-hosted uranium deposit. *Geochemistry*, 83, 126006. doi: 10.1016/j.chemer.2023.126006

WoS: IF₂₀₂₂: 3,7; Q2 (24/87) in Geochemistry & Geophysics; počet citací: 0

Mlejnek, O., Záhorák, V., **Přichystal, A.,** Nejman, L. (2023): Archaeological excavateion of a Mesolithic settlement Městec/Ostrov in eastern Bohemia (Czech Republic). *Anthropologie: International Journal of Human Diversity and Evolution*, 61, 1, 69–108. doi: 10.26720/anthro.anthro.23.02.14.1

WoS: IF₂₀₂₂: 0,2; Q4 (115/137) in Anthropology; počet citací: 0

Nehyba, S., Adameková, K., Doláková, N., Dresler, P., Petřík, J., Prišťáková, M. (2023): Unraveling Mediaeval human traces in fluvial deposits of the Dyje River near the Pohansko stronghold (Czech Republic). *Geological Quarterly*, 67, 48. doi: 10.7306/gq.1718

WoS: IF₂₀₂₂: 1,0; Q4 (37/48) in Geology; počet citací: 0

Novák, M., Dolníček, Z., Zachař, A., Gadas, P., Nepejchal, M., Sobek, K., Škoda, R., Vrtiška, L. (2023): Mineral assemblages and compositional variations in bavenite–bohseite from granitic pegmatites of the Bohemian Massif, Czech Republic. *Mineralogical Magazine*, 87, 415–432. doi: 10.1180/mgm.2023.17

WoS: IF₂₀₂₂: 2,7; Q2 (10/29) in Mineralogy; počet citací: 1

Novák, M., Toman, J., Škoda, R., Šikola, D., Mazuch, J. (2023): Review of zeolite mineralizations from the high-grade metamorphosed Strážek unit, Moldanubian Zone, Czech Republic. *Journal of Geosciences*, 68, 2, 111–138. doi: 10.3190/jgeosci.370

WoS: IF₂₀₂₂: 1,4; Q3 (61/87) in Geochemistry & Geophysics; Q3 (19/29) in Mineralogy; počet citací: 0

Novák, M., Pezzotta, F. (2023): New Production of Rhodizite-Londonite from Manjaka, Madagascar. *Journal of Gemmology*, 38, 7, 653–655. doi: 10.15506/JoG.2023.38.7.653

WoS: IF₂₀₂₂: 1,2; Q4 (22/29) in Mineralogy; počet citací: 0

Ondrejka, M., Uher, P., Ferenc, Š., Milovská, S., Mikuš, T., Molnárová, A., **Škoda, R.,** Kopáčík, R., Bačík, P. (2023): Gadolinium-dominant monazite and xenotime: Selective hydrothermal enrichment of middle REE during low-temperature alteration of uraninite, brannerite, and fluorapatite (the Zimná Voda REE-U-Au quartz vein, Western Carpathians, Slovakia). *American Mineralogist*, 108, 4, 754–768. doi: 10.2138/am-2022-8418

WoS: IF₂₀₂₂: 3,1; Q2 (35/87) in Geochemistry & Geophysics; Q2 (9/29) in Mineralogy; počet citací: 4

Ondrejka, M., Uher, P., Ferenc, Š., Majzlan, J., Pollok, K., Mikuš, T., Milovská, S., Molnárová, A., **Škoda, R.,** Kopáčík, R., Kurylo, S., Bačík, P. (2023): Monazite-(Gd), a new Gd-dominant mineral of the monazite group

from the Zimná Voda REE-U-Au quartz vein, Prakovce, Western Carpathians, Slovakia. *Mineralogical Magazine*, 87, 568–574. doi: 10.1180/mgm.2023.37

WoS: IF₂₀₂₂: 2,7; Q2 (10/29) in Mineralogy; počet citací: 1

Peška, J., Štelcl, J. (2023): Results of micrometallographic Analysis of metalworking tools in graves of metallurgists in Moravia/Czech Republic. *Archaeometry*, 65, 4, 771–797. doi: 10.1111/arcm.12843

WoS: IF₂₀₂₂: 1,6; Q4 (70/86) in Chemistry, Analytical; Q4 (33/42) in Chemistry, Inorganic & Nuclear; Q4 (156/202) in Geosciences, Multidisciplinary; počet citací: 0

Prišťáková, M., Adameková, K., Petřík, J., Dresler, P., Prokeš, L. (2023): Tracing the spatial organization and activity zones of an Early Mediaeval homestead at the Pohansko stronghold (Czechia) by combining geophysics and geochemical mapping. *Archaeological Prospection*, 30, 4, 449–464. doi: 10.1002/arp.1907

WoS: IF₂₀₂₂: 1,8; Q3 (145/202) in Geosciences, Multidisciplinary; počet citací: 4

Rez, J., Kernstocková, M., Baldík, V. (2023): Stress analysis from the southern part of Moravian Karst (Czech Republic). *Geologica Carpathica*, 74, 3, 233–244. doi: 10.31577/GeolCarp.2023.13

WoS: IF₂₀₂₂: 1,3; Q3 (144/201) in Geosciences, Multidisciplinary; počet citací: 0

Rosing-Schow, N., Romer, R. L., Müller, A., Corfu, F., Škoda, R., Friis, H. (2023): Geochronological constraints for a two-stage history of the Sveconorwegian rare-element pegmatite province Formation. *Precambrian Research*, 384, 106944. doi: 10.1016/j.precamres.2022.106944

WoS: IF₂₀₂₂: 3,8; Q2 (60/201) in Geosciences, Multidisciplinary; počet citací: 4

Rybnikova, O., Bačík, P., Uher, P., Fridrichová, J., Lalinská-Voleková, B., Kubernátová, M., Hanus, R. (2023): Characterization of chrysoberyl and its gemmological varieties by Raman spectroscopy. *Journal of Raman Spectroscopy*, 54, 8, 857–870. doi: 10.1002/jrs.6566

WoS: IF₂₀₂₂: 2,5; Q2 (16/41) in Spectroscopy; počet citací: 3

Rybnikova, O., Uher, P., Novák, M., Chládek, Š., Bačík, P., Kurylo, S., Vaculovič, T. (2023): Chrysoberyl and associated beryllium minerals resulting from metamorphic overprint of the Maršíkov – Schinderhübel III pegmatite, Czech Republic. *Mineralogical Magazine*, 87, 369–381. doi: 10.1180/mgm.2023.22

WoS: IF₂₀₂₂: 2,7; Q2 (10/29) in Mineralogy; počet citací: 1

Scheiner, F., Havelcová, M., Holcová, K., Doláková, N., Nehyba, S., Ackerman, L., Trubač, J., Hladilová, Š., Rejšek, J., Utescher, T. (2023): Evolution of palaeoclimate, palaeoenvironment and vegetation in Central Europe during the Miocene Climate Optimum. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 611, 111364. doi: 10.1016/j.palaeo.2022.111364

WoS: IF₂₀₂₂: 3,0; Q2 (23/49) in Geography, Physical; Q2 (85/202) in Geosciences, Multidisciplinary; Q1 (2/54) in Paleontology; počet citací: 1

Sobek, K., Losos, Z., Škoda, R., Holá, M., Nasdala, L. (2023): Crystal chemistry of ferriallanite-(Ce) from Nya Bastnäs, Sweden: Chemical and spectroscopic study. *Mineralogy and Petrology*, 117, 345–357. doi: 10.1007/s00710-023-00829-y

WoS: IF₂₀₂₂: 1,8; Q3 (49/86) in Geochemistry & Geophysics; Q3 (16/29) in Mineralogy; počet citací: 1

Skřápková, L., Cempírek, J., Belley, P.M., Groat, L.A., Škoda, R. (2023): Physical properties and crystal structure of near end-member oxy-dravite from the Beluga occurrence, Nunavut territory, Canada. *Mineralogical Magazine*, 87, 719–730. doi: 10.1180/mgm.2023.59

WoS: IF₂₀₂₂: 2,7; Q2 (10/29) in Mineralogy; počet citací: 0

Šponer, J.E., Kloužek, J., Výravský, J., Wunnava, S., Scheu, B., Braun, D., Mojzsis, S.J., Palacký, J., Vorlíčková, M., Šponer, J., Matyášek, R., Kovařík, A. (2023): Influence of Silicate Rock Glass Compositions on the Efficacy of Prebiotic RNA Polymerization Reactions: The Case of 3',5' Cyclic Guanosine Monophosphate. *ChemSystemsChem*, 5, 5, e202300016. doi: 10.1002/syst202300016

WoS: IF₂₀₂₂: 3,5; Q2 (107/230) in Chemistry, Multidisciplinary; počet citací: 0

Šponer, J.E., Šponer, J., Výravský, J., Matyášek, R., Kovařík, A., Dudziak, W., Šlepokura, K. (2023): Crystallization as a selection force at the polymerization of nucleotides in a prebiotic context. *iScience*, 26, 9, 107600. doi: 10.1016/j.isci.2023.107600

WoS: IF₂₀₂₂: 2,7; Q1 (15/73) in Multidisciplinary Sciences; počet citací: 0

Talla, D., Beran, A., **Škoda, R.** (2023): Natural and artificial OH defect incorporation into fluoride minerals at elevated temperature—a case study of sellaite, villiaumite and fluorite. *Mineralogy and Petrology*, 117, 359–372. doi: 10.1007/s00710-023-00824-3

WoS: IF₂₀₂₂: 1,8; Q3 (51/87) in Geochemistry & Geophysics; Q3 (16/29) in Mineralogy; počet citací: 0

Timmerman, M. J., **Krmíček, L., Krmíčková, S., Sláma, J., Sudo, M., Sobel, E.** (2023): Tonian–Ediacaran Evolution of the Brunovistulian microcontinent (Czech Republic) deciphered from LA-ICP-MS U-PB zircon and ⁴⁰Ar/³⁹Ar muscovite ages. *Precambrian Research*, 387, 106981. doi: 10.1016/j.precamres.2023.106981

WoS: IF₂₀₂₂: 3,8; Q2 (60/201) in Geosciences, Multidisciplinary; počet citací: 3

Toman, J., Šnirer, M., Rincón, R., Jašek, O., **Všianský, D., Raya, A. M., Morales-Calero, F. J., Muñoz, J., Calzada, M. D.** (2023): On the gas-phase graphene nanosheet synthesis in atmospheric microwave plasma torch: Upscaling potential and graphene nanosheet-copper nanocomposite oxidation resistance. *Fuel Processing Technology*, 239, 107534. doi: 10.1016/j.fuproc.2022.107534

WoS: IF₂₀₂₂: 7,5; Q1 (8/72) in Chemistry, Applied; Q2 (30/115) in Energy & Fuels; Q1 (18/140) in Engineering, Chemical; počet citací: 3

Tóth, P., **Petřík, J., Bickle, P., Adameková, K., Denis, S., Slavíček, K., Petr, L., Pokutta, D., Isaksson, S.** (2023): Radiocarbon dating of grass-tempered ceramic reveals the earliest pottery from Slovakia predates the arrival of farming. *Radiocarbon*, 65, 3, 733–753. doi: 10.1017/RDC.2023.39

WoS: IF₂₀₂₂: 8,3; Q1 (3/86) in Geochemistry & Geophysics; počet citací: 0

Vassileva, R. D., Georgieva, S., **Cempírek, J., Grozdev, V., Škoda, R., Stefanova, E.** (2023): Garnet (REE+Y)-bearing mineral Association in pegmatite from the Cheino lithotectonic Unit, Western Rhodopes. *Review of the Bulgarian Geological Society*, 84, 3, 63–66. doi: 10.52215/rev.bgs.2023.84.3.63

WoS: IF₂₀₂₂: 0,2; Q4 (242/249) in Geosciences, Multidisciplinary; počet citací: 0

Vereschagin, O. S., Gorelova, L. A., Shagova, A. K., Kasatkin, A. V., **Škoda, R., Bocharov, V. N., Vlasenko, N. S., Vašinová Galiová, M.** (2023): Re-investigation of ‘minasgeraisite-(Y)’ from the Jaguaracu pegmatite, Brazil and high-temperature crystal chemistry of gadolinite supergroup minerals. *Mineralogical Magazine*, 87, 470–479. doi: 10.1180/mgm.2023.19

WoS: IF₂₀₂₂: 2,7; Q2 (10/29) in Mineralogy; počet citací: 1

Vernyhorova, Y.V., Holcová, K., **Doláková, N., Reichenbacher, B., Scheiner, F., Ackerman, L., Rejšek, J., De Bortoli, L., Trubač, J., Utescher, T.** (2023): The Miocene Climatic Optimum at the interface of epicontinental sea and large continent: A case study from the Middle Miocene of the Eastern Paratethys. *Marine Micropaleontology*, 181, 102231. doi: 10.1016/j.marmicro.2023.102231

WoS: IF₂₀₂₂: 1,9; Q2 (15/54) in Paleontology; počet citací: 2

Vöröš, D., Díaz Baizán, P., **Slavíček, K., Díaz-Somoano, M., Geršlová, E.** (2023): Mercury occurrence and speciation in sediments from hard coal mining in Czechia. *Journal of Hazardous Materials*, 459, 132204. doi: 10.1016/j.jhazmat.2023.132204

WoS: IF₂₀₂₂: 13,6; Q1 (4/55) in Engineering, Environmental; Q1 (10/275) in Environmental Sciences; počet citací: 0

Vrábel, J., Képeš, E., Nedělník, P., Buday, J., **Cempírek, J., Pořízka, P., Kaiser, J.** (2023): Spectral library transfer between distinct laser-induced breakdown spectroscopy systems trained on simultaneous measurements. *Journal of Analytical Atomic Spectrometry*, 38, 841–853. doi: 10.1039/d2ja00406b

WoS: IF₂₀₂₂: 3,4; Q2 (29/86) in Chemistry, Analytical; Q1 (7/41) in Spectroscopy; počet citací: 2

2022 (celkem 72 článků, 24 studentů spoluautorů – červeně)

Adameková, K., Petřík, J. (2022): The myth of ‘Bohunician soil’: A re-evaluation of the MIS 3 palaeosol record at the Brno-Bohunice site (Czechia). *Catena*, 217, 106510. doi: 10.1016/j.catena.2022.106510

WoS: IF₂₀₂₁: 6,367; Q1 (17/201) in Geosciences, Multidisciplinary; Q1 (8/39) in Soil Science; Q1 (12/100) in Water Resources; počet citací: 1

- Bábek, O., **Kumpan, T.**, Li, W., Holá, M., Šimíček, D., Kapusta, J. (2022): Incipient reddening of Ordovician carbonates: The origin and Geochemistry of yellow and pink colouration in limestones. *Sedimentary Geology*, 440, 106262. doi: 10.1016/j.sedgeo.2022.106262
WoS: IF₂₀₂₁: 3,329; **Q1** (6/49) in Geology; počet citací: 3
- Baroň, I., Plan, L., Grasmann, B., **Melichar, R.**, Mitrović-Woodell, I., Rowberry, M., Scholz, D. (2022): Three large prehistoric earthquakes in the Eastern Alps evidenced by cave rupture and speleothem damage. *Geomorphology*, 408, 108242. doi: 10.1016/j.geomorph.2022.108242
WoS: IF₂₀₂₁: 3,9; **Q2** (13/49) in Geography, Physical; **Q2** (53/202) in Geosciences, Multidisciplinary; počet citací: 8
- Baroň, I., Koktavý, P., Trčka, T., Rowberry, M., Stemberk, J., Balek, J., Plan, L., **Melichar, R.**, Diendorfer, G., Macků, R., Škarvada, P. (2022): Differentiating between artificial and natural Sources of electromagnetic radiation at a seismogenic fault. *Engineering Geology*, 311, 106912.
WoS: IF₂₀₂₁: 7,4; **Q1** (1/41) in Engineering, Geological; **Q1** (12/202) in Geosciences, Multidisciplinary; počet citací: 1
- Biagioni, C., Kasatkin, A.V., Sejkora, J., Nestola, J., **Škoda, R.** (2022): Tennantite-(Cd), Cu₆(Cu₄Cd₂)As₄S₁₃, from the Berenguela mining district, Bolivia: the first Cd-member of the tetrahedrite group. *Mineralogical Magazine*, 86, 5, 834–840. doi: 10.1180/mgm.2022.61
WoS: IF₂₀₂₁: 2,131; **Q2** (14/30) in Mineralogy; počet citací: 9
- Boháč, M., Kubátová, D., Krejčí Kotlánová, M., Khongová, I., Zezulová, A., Novotný, R., Palou, M.T., Staněk, T., **Všianský, D.** (2022): The role of Li₂O, MgO and CuO on SO₃ activated clinkers. *Cement and Concrete Research*, 152, 106672. doi: 10.1016/j.cemconres.2021.106672
WoS: IF₂₀₂₁: 11,958; **Q1** (1/68) in Construction & Building Technology; **Q1** (36/345) in Materials Science, Multidisciplinary; počet citací: 8
- Bonilla-Salomón, I., Čermák, S., **Luján, Á.H.**, Jovells-Vaqué, S., **Ivanov, M.**, Sabol, M. (2022): Early Miocene remains of *Melissiodon* from Mokrá-Quarry (Moravia, Czech Republic) shed light on the evolutionary history of the rare cricetid genus. *PeerJ*, 10, 13820. doi: 10.7717/peerj.13820
WoS: IF₂₀₂₁: 3,061; **Q2** (33/73) in Multidisciplinary Sciences; počet citací: 2
- Bonilla-Salomón, I., Čermák, S., **Luján, Á.H.**, Jvells-Vaque, S., **Ivanov, M.**, Sabol, M. (2022): When different is the same: a case study of two small-mammal bearing fissures from the Early Miocene of Mokrá-Quarry sites (South Moravia, Czech Republic). *Bollettino della Societa Paleontologica Italiana*, 61, 3, 297–318. doi: 10.4435/BSPI.2022.18
WoS: IF₂₀₂₁: 1,595; **Q3** (40/54) in Paleontology; počet citací: 0
- Bonilla-Salomón, I., Luján, Á.H., **Ivanov, M.**, Sabol, M. (2022): *Aliveria mojmiri* sp. Nov. Among other flying and ground squirrels (Rodentia, Mammalia) from the early Miocene of Mokrá-Quarry sites (Moravia, Czech Republic). *Historical Biology*, 34, 10, 1950–1963. doi: 10.1080/08912963.2021.1992403
WoS: IF₂₀₂₁: 1,942; **Q2** (24/54) in Paleontology; počet citací: 1
- Bosi, F., Biagioni, C., Pezzotta, F., Skogby, H., Halenius, U., **Cempírek, J.**, Hawthorne, F.C., Lussier, A.J., Abdu, Y.A., Day, M.C., Fayek, M., Clark, C.M., Grice, J.D., Henry, D.J. (2022): Uvite, CaMg₃(Al₅Mg)(Si₆O₁₈)(BO₃)₃(OH)₃(OH), a new, but long-anticipated mineral species of the tourmaline supergroup from San Piero in Campo, Elba Island, Italy. *Mineralogical Magazine*, 86 (5), 767–776. doi: 10.1180/mgm.2022.54
WoS: IF₂₀₂₁: 2,131; **Q2** (14/30) in Mineralogy; počet citací: 4
- Bosi, F., Pezzotta, F., Altieri, A., Andreozzi, G.B., Ballirano, P., tempesta, G., **Cempírek, J.**, **Škoda, R.**, Filip, J., **Čopjaková, R.**, **Novák, M.**, Kampf, A.R., Scribner, E.D., Groat, L.A., Evans, R.J. (2022): Celleriite, □(Mn₂⁺Al)Al₆(Si₆O₁₈)(BO₃)₃(OH)₃(OH), a new mineral species of the tourmalin supergroup. *American Mineralogist*, 107, 1, 31–42. doi: 10.2138/am-2021-7818
WoS: IF₂₀₂₁: 3,066; **Q2** (39/87) in Geochemistry & Geophysics; **Q2** (10/30) in Mineralogy; počet citací: 7
- Bosi, F., Pezzotta, F., Skogby, H., Altieri, A., Halenius, U., Tempesta, G., **Cempírek, J.** (2022): Princivalleite, Na(Mn₂Al)Al₆(Si₆O₁₈)(BO₃)₃(OH)₃O, a new mineral species of the tourmaline supergroup from Veddasca Valley, Varese, Italy. *Mineralogical Magazine*, 86, 78–86. doi: 10.1180/mgm.2022.3

WoS: IF₂₀₂₁: 2,131; **Q2** (14/30) in Mineralogy; počet citací: 2

Brzobohatý, R., Zahradníková, B., Hudáčková, N. (2022): Fish otoliths and foraminifera from the Borský Mikuláš section (Slovakia, Middle Miocene, Upper Badenian, Vienna Basin) and their paleoenvironmental significance. *Rivista Italiana di Paleontologia e Stratigrafia*, 128, 2, 515–537. doi: 10.54103/2039-4942/15773
WoS: IF₂₀₂₁: 1,929; **Q2** (21/49) in Geology; **Q2** (27/54) in Paleontology; počet citací: 1

Buriánek, D., Ivanov, M., Janderková, J., **Patzel, M.** (2022): Importance of accessory minerals for the vertical distribution of uranium and thorium in soil profiles: A case study of durbachite from the Třebíč Pluton (Czech Republic). *Catena*, 213, 106166. doi: 10.1016/j.catena.2022.106166
WoS: IF₂₀₂₁: 6,367; **Q1** (17/201) in Geosciences, Multidisciplinary; **Q1** (8/39) in Soil Science; **Q1** (12/100) in Water Resources; počet citací: 3

Buriánková, I., Molíková, A., Vítězová, M., Onderka, V., Vítěz, T., Urbanová, I., Hanišáková, N., Černý, M., Novák, D., Lochman, J., **Zeman, J.,** Javůrek, J., Machálková, M., Dengler, L., Huber, H. (2022): Microbial Communities in Underground Gas Reservoirs Offer Promising Biotechnological Potential. *Fermentation*, 8 (6), 251. doi: 10.3390/fermentation8060251
WoS: IF₂₀₂₁: 5,123; **Q2** (44/158) in Biotechnology & Applied Microbiology; počet citací: 7

Burgert, P., **Přichystal, A.** (2022): Marble as a material for the production of bracelets in neolithic central Europe. *Archäologisches Korrespondenzblatt*, 52, 1, 27–40. doi: 10.11588/ak.2022.1.94321
WoS: IF₂₀₂₁: 0,2; **Q4** (137/161) in Archaeology; počet citací: 3

Buzek, F., Cejkova, B., Jackova, I., **Gerslova, E.,** Mach, K., Lhotka, M., Curik, J., Veselovsky, F. (2022): Secondary processes on coal deposits change the emission of greenhouse gases. *International Journal of Coal Geology*, 262, 104102. doi: 10.1016/j.coal.2022.104102
WoS: IF₂₀₂₁: 6,300; **Q2** (45/119) in Energy & Fuels; **Q1** (18/202) in Geosciences, Multidisciplinary; počet citací: 2

Calábková, G., Březina, J., Madzia, D. (2022): Evidence of large terrestrial seymouriamorphs in the lowermost Permian of the Czech Republic. *Papers in Palaeontology*, 8, 2, e1428. doi: 10.1002/sp2.1428
WoS: IF₂₀₂₁: 3,349; **Q1** (4/53) in Paleontology; počet citací: 0

Casanovas-Vilar, I., Garcés, M., Marcuello, Á., Abella, J., Madurell-Malapeira, J., Jovells-Vaqué, S., Cabrera, L., Galindo, J., Beamud, E., Ledo, J.J., Queralt, P., Martí, A., Sanjuan, J., Martín-Closas, C., Jiménez-Moreno, G., **Luján, Á.H.,** Villa, A., DeMiguel, D., Sánchez, I.M., Robles, J.M., Furió, M., Vand den Hoek Ostende, L.W., Sánchez-Marco, A., Sanisidro, Ó., Valenciano, A., García-paredes, I., Angelone, C., Pons-Monjo, G., Azanza, B., Delfion, M., Bolet, A., Grau, Camats, M., Vizcaíno-Varo, V., Mormeneo, D., Kimura, Y., Moyá-Solá, S., Alba, D.M. (2022): Els Casots (Subirats, Catalonia), a key site for the Miocene vertebrate record of Southwestern Europe. *Historical Biology*, 34, 8, 1494–1508. doi: 10.1080/08912963.2022.2043296
WoS: IF₂₀₂₁: 1,4; **Q3** (30/54) in Paleontology; počet citací: 5

Casanovas-Vilar, I., **Luján, Á.H.** (2022): Description of the Type Specimen of the Extinct Tenerife Giant Rat (*Canariomys bravoii*). *Journal of Mammalian Evolution*, 29, 645–661. doi: 10.1007/s10914-021-09594-1
WoS: IF₂₀₂₁: 1,9; **Q2** (47/177) in Zoology; počet citací: 0

Castillo-Visa, O., **Luján, Á.H.,** Galobart, Á., Sellés, A. (2022): A gigantic bizarre marine turtle (Testudines: Chelonioidea) from the Middle Campanian (Late Cretaceous) of South-western Europe. *Scientific Reports*, 12, 18322. doi: 10.1038/s41598-022-22619-w
WoS: IF₂₀₂₁: 4,6; **Q2** (22/73) in Multidisciplinary Sciences; počet citací: 1

Dreslser, P., Dreslerová, G., **Doláková, N.,** Kočár, P., Kočárová, R. (2022): Beaver as Proof of the Change of Natural Environment and Economy of the First Half of the 10th Century AD. *Archaeologia Austriaca*, 106, 117–136. doi: 10.1553/archaeologia106s117
WoS: IF₂₀₂₁: 0,3; **Q3** (94/161) in Archaeology; počet citací: 2

Faimon, J., Baldík, V., **Buriánek, D., Rez, J., Štelcl, J., Všíanský, D.,** Sedláček, J., Dostalík, M., Nečas, J., Novotný, R., Hadacz, R., Kryštofová, E., Novotná, J., Müller, P., Krumlová, H., Čáp, P., Faktorová, K., Malík, J., Roháč, J., Kycl, P., Janderková, J. (2022): Historical ferrous slag induces modern environmental problems in the

Moravian Karst (Czech Republic). *Science of the Total Environment*, 847, 157433. doi: 10.1016/j.scitotenv.2022.157433

WoS: IF₂₀₂₁: 10,754; Q1 (26/279) in Environmental Sciences; počet citací: 2

Faimon, J., Baldik, V., Kryštofová, E., Štelcl, J., Rez, J. (2022): Calcite raft formation in abandoned technical adit (Moravian Karst). *Applied Geochemistry*, 141, 105282. doi: 10.1016/j.apgeochem.2022.105282

WoS: IF₂₀₂₁: 3,841; Q2 (30/87) in Geochemistry & Geophysics; počet citací: 1

Geršlová, E., Medvecká, L., Jirman, P., Nehyba, S., Opletal, V. (2022): Source rock potential of the Miocene sedimentary rocks in the Carpathian Foredeep of the Czech Republic. *Geological Quarterly*, 66, 1. doi: 10.7306/gg.1634

WoS: IF₂₀₂₁: 1,576; Q2 (21/47) in Geology; počet citací: 0

Hanus, R., Sobek, K., Johnová, K., Trojek, T., Štubňa, J., Hanus, T., Jungmannová, K., (2022): Hyalite Opal from Erongo, Namibia, Showing Green Daylight Fluorescence. *Journal of Gemmology*, 38, 2, 172–182. doi: 10.15506/JoG.2022.38.2.172

WoS: IF₂₀₂₁: 1,059; Q4 (23/30) in Mineralogy; počet citací: 0

Hartenfels, S., Becker, R.T., Herbig, H.-G., Qie, W., Kumpan, T., De Vleeschouwer, D., Weyer, D., Kalvoda, J. (2022): The Devonian–Carboniferous transition at Borkewehr near Wocklum (northern Rhenish Massif, Germany) – a potential GSSP section. *Palaeobiodiversity and Palaeoenvironments*, 102, 763–829. doi: 10.1007/s12549-022-00531-5

WoS: IF₂₀₂₁: 1,736; Q3 (36/65) in Biodiversity Conservation; Q3 (29/53) in Paleontology; počet citací: 8

Henry, R.E., Groat, L.A., Evans, R.J., Cempírek, J., Škoda, R. (2022): Crystal-chemical observations and the relation between sodium and H₂O in different beryl varieties. *Canadian Mineralogist*, 60, 4, 625–675. doi: 10.3749/canmin.2100050

WoS: IF₂₀₂₁: 0,817; Q4 (27/30) in Mineralogy; počet citací: 1

Jakubová, P., Kotková, J., Wirth, R., Škoda, R., Haifler, J. (2022): Morphology and Raman spectral parameters of Bohemian microdiamonds: Implications to elastic geothermobarometry. *Journal of Geosciences*, 67, 3, 239–257. doi: 10.3190/jgeosci.356

WoS: IF₂₀₂₁: 1,778; Q3 (57/87) in Geochemistry & Geophysics; Q3 (18/30) in Mineralogy; počet citací: 2

Kampf, A.R., Olds, T.A., Plášil, J., Burns, P.C., Škoda, R., Marty, J. (2022): Paramarkeyite, a new calcium-uranyl-carbonate mineral from the Markey mine, San Juan County, Utah, USA. *Mineralogical Magazine*, 86, 1, 27–36. doi: 10.1180/mgm.2021.100

WoS: IF₂₀₂₁: 2,131; Q2 (14/30) in Mineralogy; počet citací: 0

Kampf, A.R., Plášil, J., Škoda, R., Čejka, J. (2022): Michalskiite, Cu²⁺Mg₃Fe_{3.33}³⁺(VO₄)₆, an Mg analogue of lyonsite, from the Ronneburg uranium deposit, Thuringia, Germany. *Journal of Geosciences*, 67, 1, 33–40. doi: 10.3190/jgeosci.341

WoS: IF₂₀₂₁: 1,778; Q3 (57/87) in Geochemistry & Geophysics; Q3 (18/30) in Mineralogy; počet citací: 1

Kasatkin, A.V., Anisimova, G.S., Nestola, F., Plášil, J., Sejkora, J., Škora, R., Sokolov, E.P., Kondratieva, L.A., Kardashevskaya, V.N. (2022): Amgaite, TI³⁺Te⁶⁺O₆, a New Mineral from the Khokhoyskoe Gold Deposit, Eastern Siberia, Russia. *Minerals*, 12, 9, 1064. doi: 10.3390/min12091064

WoS: IF₂₀₂₁: 2,818; Q2 (42/87) in Geochemistry & Geophysics; Q2 (11/30) in Mineralogy; Q2 (8/20) in Mining & Mineral Processing; počet citací: 0

Kasatkin, A.V., Britvin, S.N., Krzhizhanovskaya, M.G., Chukanov, N.V., Škoda, R., Göttlicher, J., Belaovskiy, D.I., Pekov, I.V., Levitskiy, V.V. (2022): Kaznakhtite, Ni₆CO₃²⁺(CO₃)(OH)₁₆ · 4H₂O, a new natural layered double hydroxide, the member of the hydrotalcite supergroup. *Mineralogical Magazine*, 56, 5, 841–848. doi: 10.1180/mgm.2022.65

WoS: IF₂₀₂₁: 2,131; Q2 (14/30) in Mineralogy; počet citací: 2

Kasatkin, A.V., Plášil, J., Chukanov, N.V., Škoda, R., Nestola, F., Agakhanov, A.A., Belakovskiy, D.I. (2022): Gurzhiite, Al(UO₂)(SO₄)₂F · 10H₂O, a new uranyl sulfate mineral with chain structure from Bykogorskoe deposit, Northern Caucasus, Russia. *Mineralogical magazine*, 86, 3, 412–421. doi: 10.1180/mgm.2022.34

WoS: IF₂₀₂₁: 2,131; Q2 (14/30) in Mineralogy; počet citací: 1

Kasatkin, A.V., Plášil, J., Makovicky, E., Chukanov, N.V., Škoda, R., Agakhanov, A.A., Tsyganko, M.V. (2022): Gungerite, $\text{TIAs}_5\text{Sb}_4\text{S}_{13}$, a new thallium sulfosalt with a complex structure containing covalent As-As bonds. *American Mineralogist*, 107, 6, 1164–1173. doi: 10.2138/am-2022-8003

WoS: IF₂₀₂₁: 3,066; Q2 (39/87) in Geochemistry & Geophysics; Q2 (10/30) in Mineralogy; počet citací: 2

Kasatkin, A.V., Plášil, J., Makovicky, E., Škoda, R., Agakhanov, AA., Tsyganko, M.V. (2022): Pokhodyashinite, $\text{CuTlSb}_2(\text{Sb}_{1-x}\text{Tl}_x)\text{AsS}_{7-x}$, a new thallium sulfosalt from the Vorontsovskoe gold deposit, Northern Urals, Russia. *Journal of Geosciences*, 67, 1, 41–51.

WoS: IF₂₀₂₁: 1,778; Q3 (57/87) in Geochemistry & Geophysics; Q3 (18/30) in Mineralogy; počet citací: 2

Kolářová, K., Černý, J., Melichar, R., Schnabl, P., Gaidzik, K. (2022): Reconstruction of ancient volcanic complexes using magnetic signature: A case study from Cambrian andesite lava flow, Bohemian Massif. *Journal of Volcanology and Geothermal Research*, 428, 107591. doi: 10.1016/j.jvolgeores.2022.107591

WoS: IF₂₀₂₁: 2,986; Q3 (102/201) in Geosciences, Multidisciplinary; počet citací: 2

Kozáková, P., Miglierini, M., Čaplovičová, M., Škoda, R., Bačík, P. (2022): Structural Breakdown of natural Epidote and Clinzoisite in High-T and Low-P conditions and Characterization of Its Products. *Minerals*, 12, 2, 238. doi: 10.3390/min12020238

WoS: IF₂₀₂₁: 2,818; Q2 (42/87) in Geochemistry & Geophysics; Q2 (11/30) in Mineralogy; Q2 (8/20) in Mining & Mineral Processing; počet citací: 1

Kremser, K., Thallner, S., Spiess, S., Kucera, J., Vaculovic, T., Všianský, D., Haberbauer, M., Guebitz, G.M. (2022): Biorecovery and selective Precipitation for Metal Recovery from Basic Oxygen Furnace Slag. *Processes*, 10, 3, 576. doi: 10.3390/pr10030576

WoS: IF₂₀₂₁: 3,352; Q2 (69/142) in Engineering, Chemical; počet citací: 12

Kříbek, B., Knésl, I., Dobeš, P., Veselovský, F., Pořádek, P., Škoda, R., Čopjaková, R., Leichmann, J., Košek, F. (2022): The Origin of Synchysite-(Ce) and Sources of Rare Earth Elements in the Rožná Uranium Deposit, Czech Republic. *Minerals*, 12, 6, 690. doi: 10.3390/min12060690

WoS: IF₂₀₂₁: 2,818; Q2 (42/87) in Geochemistry & Geophysics; Q2 (11/30) in Mineralogy; Q2 (8/20) in Mining & Mineral Processing; počet citací: 2

Kubeš, M., Leichmann, J., Buriánek, D., Holá, M., Navrátil, P., Scaillet, S., O'Sullivan, P. (2022): Highly evolved miaskitic syenites deciphering the origin and nature of enriched mantle source of ultrapotassic magmatism in the Variscan orogenic root (Bohemian Massif, Moldanubian Zone). *Lithos*, 432–433, 106890. doi: 10.1016/j.lithos.2022.106890

WoS: IF₂₀₂₁: 4,020; Q2 (28/87) in Geochemistry & Geophysics; Q2 (8/30) in Mineralogy; počet citací: 1

Kubeš, M., Leichmann, J., Kotková, J., Čopjaková, R., Holá, M., Sláma, J. (2022): Diversity of origin and geodynamic evolution of the mantle beneath the Variscan Orogen indicating rapid exhumation within subduction-related mélangé (Moldanubian Zone, Bohemian Massif). *Lithos*, 422, 106726. doi: 10.1016/j.lithos.2022.106726

WoS: IF₂₀₂₁: 4,020; Q2 (28/87) in Geochemistry & Geophysics; Q2 (8/30) in Mineralogy; počet citací: 4

Matýšek, D., Skupien, P., Bubík, M., Jirásek, J., Škoda, R. (2022): Multi-stage alteration history of volcanic clasts containing buddingtonite from Upper Cretaceous strata of the Subsilesian Unit, Czech part of the Outer Flysch Carpathians. *Mineralogy and Petrology*, 116, 429–441. doi: 10.1007/s00710-022-00794-y

WoS: IF₂₀₂₁: 2,011; Q3 (52/87) in Geochemistry & Geophysics; Q3 (16/30) in Mineralogy; počet citací: 0

Mikuláš, R., Kočová Veselská, M., Kočí, T., Šamánek, J., Jäger, M., Heřmanová, Z., Bruthansová, J. (2022): Domichnial Borings in Serpulid Tube Walls: Prosperous Benthic Assemblages in the Cretaceous of France and the Czech Republic. *Frontiers in Ecology and Evolution*, 10, 882450. doi: 10.3389/fevo.2022.882450

WoS: IF₂₀₂₁: 4,493; Q2 (45/173) in Ecology; počet citací: 4

Nasdala, L., Sameera, K.A.G., Fernando, G.W.A.R., Wildner, M., Chanmuang, N.C., Habler, G., Erlacher, A., Škoda, R. (2022): The shape of Ekanite. *Gems & Gemology*, 58, 2, 156–167. doi: 10.5741/GEMS.58.2.156

WoS: IF₂₀₂₁: 2,045; Q2 (11/29) in Mineralogy; počet citací: 1

Nehyba, S. (2022): Stacked Gilbert-type deltas filling an incised palaeovalley along the cratonward margin of a foreland basin (Miocene, Western Carpathian Foredeep). *Geological Quarterly*, 66, 3, 28. doi: 10.7306/gq.1661
WoS: IF₂₀₂₁: 1,576; Q2 (23/49) in *Geloogy*; počet citací: 0

Nehyba, S., Opletal, V., Holcová, K., Scheiner, F., Ackerman, L., Rejšek, J. (2022): The return of the Iván Canyon, a large Neogene canyon in the Alpine-Carpathian Foredeep. *Marine and Petroleum Geology*, 144, 105808. doi: 10.1016/j.marpetgeo.2022.105808
WoS: IF₂₀₂₁: 5,361; Q1 (29/202) in *Geosciences, Multidisciplinary*; počet citací: 1

Nehyba, S., Roetzel, R. (2022): High-energy, microtidal nearshore deposits and their provenance (Lower Miocene, Burdigalian/Eggenburgian, Alpine-Carpathian Foredeep, Lower Austria). *Geological Quarterly*, 66, 4, 33. doi: 10.7306/gq.1665
WoS: IF₂₀₂₁: 1,576; Q2 (23/49) in *Geloogy*; počet citací: 1

Otahal, P.P.S., **Fialova, E.,** Vosahlik, J., Wiedner, H., Grossi, C., Vargas, A., Michielsen, N., Turtiainen, T., Luca, A., Wołoszczuk, K., Beck, T.R. (2022): Low-Level Radon Activity Concentration—A MetroRADON International Intercomparison. *International Journal of Environmental Research and Public Health*, 19, 10, 5810. doi: 10.3390/ijerph19105810
WoS: IF₂₀₂₁: 4,614; Q2 (100/279) in *Environmental Sciences*; Q2 (71/210) in *Public, Environmental & Occupational Health*; počet citací: 4

Petrík, J., Adameková, K., Petr, L., Jouffroy-Bapicot, I., Kočár, P., Kočárová, R., Golánová, P., Guichard, V. (2022): Landscape Evolution around the oppidum of Bibracte (northern Massif Central, France) from the Late Iron Age to the Post-Mediaeval period. *Quaternary International*, 636, 180–195. doi: 10.1016/j.quaint.2021.02.022
WoS: IF₂₀₂₁: 2,454; Q3 (34/50) in *Geography, Physical*; Q3 (124/202) in *Geosciences, Multidisciplinary*; počet citací: 4

Petrík, J., Adameková, K., Škrdla, P. (2022): A pedogenically-informed chronostratigraphic model elucidates the geochronology at the type site of the Bohunician technocomplex. *Quaternary Science Reviews*, 297, 107827. doi: 10.1016/j.quascirev.2022.107827
WoS: IF₂₀₂₁: 4,456; Q1 (12/50) in *Geography, Physical*; Q1 (48/202) in *Geosciences, Multidisciplinary*; počet citací: 2

Plášil, J., Steciuk, G., Majzlan, J., **Škoda, R.,** Filip, J., Petr, M., Kolařík, J., Klementová, M., Bähre, O., Klöß, Lapčák, L. (2022): 3D Electron Diffraction as a Powerful Tool to Study the earliest Nanocrystalline Weathering Products: A Case Study of uraninite Weathering. *ACS Earth and Space Chemistry*, 6, 5, 1250–1258. doi: 10.1021/acsearthspacechem.1c00386
WoS: IF₂₀₂₁: 3,556; Q2 (89/179) in *Chemistry, Multidisciplinary*; Q2 (34/87) in *Geochemistry & Geophysics*; počet citací: 0

Plášil, J., **Škoda, R.,** Fatková, K. (2022): Crystallization of Uranyl Silicate Natroboltwoodite during an Experimental Dissolution of the Mineral Yttrialite-(Y): Crystal Structure and Raman Spectroscopy. *Crystal Growth & Design*, 22, 2, 1202–1211. doi: 10.1021/acs.cgd.1c01152
WoS: IF₂₀₂₁: 4,010; Q2 (76/179) in *Chemistry, Multidisciplinary*; Q1 (5/26) in *Crystallography*; Q2 (155/345) in *Materials Science, Multidisciplinary*; počet citací: 0

Proisl, T., Melichar, R. (2022): Experimental study of rock ruptures shear strength anisotropy. *Acta Geodynamica et Geomaterialia*, 19, 2 (206), 111–117. doi: 10.13168/AGG.2022.0001
WoS: IF₂₀₂₁: 1,000; Q4 (75/87) in *Geochemistry & Geophysics*; Q4 (17/20) in *Mining & Mineral Processing*; počet citací: 0

Roberts, J.A., Groat, L.A., Spry, P.G., **Cempírek, J.** (2022): Telluride Mineralogy of the Deer Horn Au-Ag-Te-(Bi-Pb-W) Deposit, British Columbia: Implications for the Generation of Tellurides. *Canadian Mineralogist*, 60, 6, 989–1011.
WoS: IF₂₀₂₁: 0,817; Q4 (23/29) in *Mineralogy*; počet citací: 2

Sejkora, J., Žáček, V., **Škoda, R.**, Laufek, F., Dolníček, Z. (2022): Radvaniceite, GeS₂, a New Germanium Sulphide, from the Kateřina Mine, Radvanice near Trutnov, Czech Republic. *Minerals*, 12, 2, 1–12. doi: 10.3390/min12020222

WoS: IF₂₀₂₁: 2,818; **Q2** (42/87) in Geochemistry & Geophysics; **Q2** (11/30) in Mineralogy; **Q2** (8/20) in Mining & Mineral Processing; počet citací: 2

Smutná, T., Dumková, J., Kristeková, D., Laštovičková, M., Jedličková, A., Vrtlíková, L., Dočekal, B., Kotasová, H., Pelková, V., Večeřa, Z., Křůmal, K., Petráš, J., Coufalík, P., **Všianský, D.**, Zámej, S., Pinkas, D., Vondráček, J., Hampl, A., Mikuška, P., Buchtová, M. (2022): Macrophage-mediated tissue response evoked by subchronic inhalation of lead oxide nanoparticles is associated with the alteration of phospholipases C and cholesterol transporters. *Particle and Fibre Toxicology*, 19, 52. doi: 10.1186/s12989-022-00494-7

WoS: IF₂₀₂₁: 9,112; **Q1** (4/94) in Toxicology; počet citací: 3

Steciuk, G., Kolitsch, U., Goliáš, V., **Škoda, R.**, Plášil, J., Schmidt, F.X. (2022): Uranotungstate, the only natural uranyl tungstate: Crystal structure revealed from 3D electron diffraction. *American Mineralogist*, 107, 9, 1709–1716. doi: 10.2138/am-2022-8112.

WoS: IF₂₀₂₁: 3,1; **Q2** (35/87) in Geochemistry & Geophysics; **Q2** (9/29) in Mineralogy; počet citací: 0

Steciuk, G., **Škoda, R.**, Dillingerová, V., Plášil, J. (2022): Chemical variability in vyacheslavite, U(PO₄)(OH): Crystal-chemical implications for hydrous and hydroxylated U⁴⁺, Ca, and ReE phosphates. *American Mineralogist*, 107, 1, 131–137. doi: 10.2138/am-2021-7875

WoS: IF₂₀₂₁: 3,066; **Q2** (39/87) in Geochemistry & Geophysics; **Q2** (10/30) in Mineralogy; počet citací: 0

Sczygieł, J., Baroň, I., **Melichar, R.**, Plan, L., Mitrović-Woodell, I., Kaminsky, E., Scholz, D., Grasemann, B. (2022): Post-Miocene tectonics of the Northern Calcareous Alps. *Scientific Reports*, 12, 1, 17730. doi: 10.1038/s41598-022-22737-5

WoS: IF₂₀₂₁: 4,997; **Q2** (19/74) in Multidisciplinary Sciences; počet citací: 4

Šamánek, J., Vallon, L.H., Mikuláš, R., Vachek, M. (2022): A glimpse into ancient food storage: Sequestrichnia and associated nucleocave *Chondrites* from Eocene deep-sea deposits. *Acta Palaeontologica Polonica*, 67 (3), 767–779. doi: 10.4202/app.00965.2021

WoS: IF₂₀₂₁: 2,108; **Q2** (18/53) in Paleontology; počet citací: 0

Trampota, F., Parma, D., Lisá, L., Hrnčíř, V., **Přichystal, A.**, Nýlvtová Fišáková, M., Dreslerová, G. (2023): New Perspective on Neolithic Rectangular Features Using Artefact Analysis, Soil Micromorphology and Ethnohistorical Analogies. A Case study from Střelice u Brna, South Moravia, Czech Republic. *Præhistorische Zeitschrift*, 97, 2, 459–494. doi: 10.1515/pz-2022-2046

WoS: IF₂₀₂₁: 0,6; **Q3** (67/92) in Anthropology; počet citací: 0

Tvrký, J., Plášil, J., **Vrtiška, L.**, Sejkora, J., **Škoda, R.**, Dolníček, Z., Petr, M., Veselovský, F. (2022): Ferroberruonite, Fe²⁺Fe³⁺₅(PO₄)₄(OH)₅ · 6H₂O, a mixed-valence iron member of the berruonite series, from the Gravel Hill mine, Perranzabuloe, Cornwall. *Mineralogical Magazine* 86, 3, 363–372. doi: 10.1180/mgm.2022.15

WoS: IF₂₀₂₁: 2,131; **Q2** (14/30) in Mineralogy; počet citací: 1

Ulrych, J., **Krmíček, L.**, Adamovič, J., **Krmčíková, S.** (2022): The story of post-Variscan lamprophyres of the Bohemian Massif: from ultramafic (Upper Cretaceous–Paleocene) to alkaline (Eocene–Oligocene) types. Lamprophyres, Lamproites and related rocks. Tracers to Supercontinent Cycles and Metallogenesis, 513, 237–269. doi: 10.1144/SP513-2020-233

WoS: IF₂₀₂₁: neuvědno; počet citací: 2

Valenti, P., Vlachos, E., Kehlmaier, C., Fritz, U., Georgalis, G.L., **Luján, Á.H.**, Micciché, R., Sineo, L., Delfino, M. (2022): The last of the large-sized tortoises of the Mediterranean islands. *Zoological Journal of the Linnean Society*, 196, 4, 1704–1717. doi: 10.1093/zoolinnean/zlac044

WoS: IF₂₀₂₁: 2,8; **Q1** (12/177) in Zoology; počet citací: 6

Vodrážková, S., **Kumpan, T.**, Vodrážka, R., **Čopjaková, R.**, Koubová, M., Munnecke, A., **Kalvoda, J.**, Holá, D. (2022): Ferruginous coated grains of microbial origin from the Lower Devonian (Pragian) of the Prague Basin (Czech Republic) – petrological and geochemical perspective. *Sedimentary Geology*, 106194. doi: 10.1016/j.sedgeo.2022.106194

WoS: IF₂₀₂₁: 3,329; **Q1** (5/47) in Geology; počet citací: 5

von Koenigswald, W., **Březina, J.**, Werneburg, R., Göhlich, U.B. (2022): A partial skeleton of „*Mammut borsoni*“ (Proboscidea, Mammalia) from the Pliocene of Kaltensundheim (Germany). *Palaeontologia Electronica*, 25, 1–45. doi: 10.26879/1188

WoS: IF₂₀₂₁: 1,932; **Q2** (26/53) in Paleontology; počet citací: 5

Vöröš, D., **Geršlová, E.**, Šimoníková, L., Díaz-Somoano, M. (2022): Late Carboniferous palaeodepositional changes recorded by Inorganic Proxies and REE data from the coal-bearing strata: An example on the Czech part of the Upper Silesian Coal basin (USCB). *Journal of Natural Gas Science and Engineering*, 107, 104789. doi: 10.1016/j.jngse.2022.104789

WoS: IF₂₀₂₁: 5,285; **Q2** (54/119) in Energy & Fuels; **Q1** (35/142) in Engineering, Chemical; počet citací: 4

Vrtiška, L., **Tvrđý, J.**, Plášil, J., Sejkora, J., **Škoda, R.**, Chukanov, N.V., Massanek, A., Filip, J., Dolníček, Z., Veselovský, F. (2022): Redefinition of beraunite, $\text{Fe}^{3+}_6(\text{PO}_4)_4\text{O}(\text{OH})_4 \cdot 6\text{H}_2\text{O}$, and discreditation of the name eleonorite: a re-investigation of type material from the Hrbek Mine (Czech Republic). *European Journal of Mineralogy*, 34, 2, 223–238. doi: 10.5194/ejm-34-223-2022

WoS: IF₂₀₂₁: 1,870; **Q3** (17/30) in Mineralogy; počet citací: 1

Weiner, T., **Weinerová, H.**, Mergl, M., **Kalvoda, J.**, Gregorová, R. (2022): Carboniferous limestone boulder from the Badenian clastics (Carpathian Foredeep, Czech Republic): A Useful data source on the Palaeozoic of the Moravosilesian Basin. *Bulletin of Geosciences*, 97, 2, 179–201. doi: 10.3140/bull.geosci.1851

WoS: IF₂₀₂₁: 1,404; **Q4** (175/202) in Geosciences, Multidisciplinary; **Q4** (41/54) in Paleontology; počet citací: 0

Wertich, V., **Kubeš, M.**, **Leichmann, J.**, Holá, M., **Haifler, J.**, **Mozola, J.**, Hršelová, P., Jaroš, M. (2022): Trace element signatures of uraninite controlled by fluid-rock interactions: A case study from the Eastern Moldanubicum (Bohemian Massif). *Journal of Geochemical Exploration*, 243, 107111. doi: 10.1016/j.gexplo.2022.107111

WoS: IF₂₀₂₁: 4,166; **Q2** (25/87) in Geochemistry & Geophysics; počet citací: 2

Žáček, V., **Škoda, R.**, Lufek, F., Sejkora, J., **Haifler, J.** (2022): Pertoldite, trigonal GeO_2 , the germanium analogue of α -quartz: a new mineral from Radvanice, Czech Republic. *Journal of Geosciences*, 67, 229–237. doi: 10.3190/jgeosci.355

WoS: IF₂₀₂₁: 1,778; **Q3** (57/87) in Geochemistry & Geophysics; **Q3** (18/30) in Mineralogy; počet citací: 1

2021 (celkem 62 článků, 28 studentů spoluautorů – červeně)

Adameková, K., Lisá, L., Neruda, P., **Petřík, J.**, **Doláková, N.**, Novák, J., Volánek, J. (2021): Pedosedimentary record of MIS 5 as an interplay of climatic trends and local conditions: Multi-proxy evidence from the Palaeolithic site of Moravský Krumlov IV (Moravia, Czech Republic). *Catena*, 200, 105174. doi: 10.1016/j.catena.2021.105174

WoS: IF₂₀₂₀: 0,670; **Q1** (12/98) in Water Resources; **Q1** (7/37) in Soil Science; **Q1** (22/199) in Geosciences, Multidisciplinary; počet citací: 4

Agakhanov, A.A., Stepanenko, D.A., Zubkova, N.V., Pautov, L.A., Pekov, I.V., Kasatkin, A.V., Karpenko, V.Y., Agakhanova, V.A., **Škoda, R.**, Britvin, S.N., Pushcharovsky, D.Y. (2021): Avdeevite, a Na-Dominant Alkali Beryl: Determination as Valid Mineral Species and New Data. *Geology of Ore Deposits*, 63, 7, 654–667. doi: 10.1134/S1075701521070023

WoS: IF₂₀₂₀: 5,198; **Q4** (44/47) in Geology; **Q4** (28/30) in Mineralogy; počet citací: 1

Bábek, O., **Kumpan, T.**, Calner, M., Šimíček, D., Frýda, J., Holá, M., Ackerman, L., Kolková, K. (2021): Redox geochemistry of the red „orthoceratite limestone“ of Baltoscandia: Possible linkage to mid-ordovician palaeoceanographic changes. *Sedimentary Geology*, 420, 105934. doi: 10.1016/j.sedgeo.2021.105934

WoS: IF₂₀₂₀: 3,397; **Q1** (7/48) in Geology; počet citací: 4

- Bábek, O., Vodrážková, S., **Kumpan, T., Kalvoda, J.**, Holá, M., Ackerman, L. (2021): Geochemical record of the subsurface redox gradient in marine red beds: A case study from the Devonian Prague Basin, Czechia. *Sedimentology*, 68, 3523–3548. doi: 10.1111/sed.12910
WoS: IF₂₀₂₀: 4,155; **Q1** (4/48) in Geology; počet citací: 8
- Babirádová, T., Hanus, R., **Sobek, K., Cempírek, J.** (2021): Bicoloured Grossular from Tanzania. *Journal of Gemmology*, 37, 7, 674–675. doi: 10.15506/JoG.2021.37.7.674
WoS: IF₂₀₂₀: 1,375; **Q3** (20/30) in Mineralogy; počet citací: 0
- Bačík, P., Fridrichová, J., Uher, P., Vaculovič, T., Bizovská, V., **Škoda, R.**, Dekan, J., Miglierini, M., Malíčková, I. (2021): Beryl crystal chemistry and trace elements: Indicators of pegmatite development and fractionation (Damara Belt, Namibia). *Lithos*, 106441. doi: 10.1016/j.lithos.2021.106441
WoS: IF₂₀₂₀: 4,004; **Q1** (7/30) in Mineralogy; **Q1** (19/88) in Geochemistry & Geophysics; počet citací: 9
- Bárta, O., Melichar, R., Černý, J.** (2021): How many extensional stages marked the variscan gravitational collapse in the Bohemian Massif? *Annales Societatis Geologorum Poloniae*, 91, 2, 121–136. doi: 10.14241/asgp.2021.08
WoS: IF₂₀₂₀: 1,333; **Q3** (29/48) in Geology; počet citací: 3
- Bednář, D.**, Otáhal, P., Němeček, L., **Geršlová, E.** (2021): The analytical approach of drone use in radition monitoring. *Radioprotection*, 56, 1, 61–67. doi: 10.1051/radiopro/2020066
WoS: IF₂₀₂₀: 1,015; **Q4** (258/274) in Environmental Sciences; **Q4** (125/134) in Radiology, Nuclear Medicine & Medical Imaging; **Q4** (187/203) in Public, Environmental & Occupational Health; **Q4** (28/34) in Nuclear Science & Technology; počet citací: 2
- Bonilla-Salomón, I., Čermák, S., Luján, Á.H., Horáček, I., **Ivanov, M.**, Sabol, M. (2021): Early Miocene small mammals from MWQ1/2001 Turtle Joint (Mokrá-Quarry, South Moravia, Czech Republic): biostratigraphical and palaeoecological considerations. *Bulletin of Geosciences*, 96, 1, 99–102. doi:10.3140/bull.geosci.1801
WoS: IF₂₀₂₀: 1,600; **Q2** (27/57) in Paleontology; **Q4** (157/199) in Geosciences, Multidisciplinary; počet citací: 6
- Březina, J.**, Alba, D.M., **Ivanov, M.**, Hanáček, M., Luján, Á.H. (2021): A middle Miocene vertebrate assemblage from the Czech part of the Vienna Basin: Implications for the paleoenvironments of the Central Paratethys. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 575, 110473.
WoS: IF₂₀₂₀: 3,318; **Q2** (21/50) in Geography, Physical; **Q1** (2/54) in Paleontology; **Q2** (74/199) in Geosciences, Multidisciplinary; počet citací: 4
- Březina, J., Ivanov, M., Madzia, D.** (2021): Structural pattern in the tusks of the Miocene mammutid *Zygodon turicensis* and its utility in the taxonomy of elephantimorph proboscideans. *Historical Biology*, 33, 12, 3191–3201. doi: 10.1080/08912963.2020.1853720
WoS: IF₂₀₂₀: 2,259; **Q1** (11/54) in Paleontology; počet citací: 0
- Chanmuang, N.C., Nasdala, L., Wildner, M., **Škoda, R.**, Zoysa, E.G. (2021): Spectroscopic Study of Serendibite from Sri Lanka. *Journal of Gemmology*, 37, 5, 451–454. doi: neuvedeno
WoS: IF₂₀₂₀: **Q3** (20/30) in Mineralogy; počet citací: 0
- Čopjaková, R., Prokop, J., Novák, M., Losos, Z., Gadas, P., Škoda, R.**, Holá, M. (2021): Hydrothermal alteration of tourmaline from pegmatitic rocks enclosed in serpentinites: Multistage processes with distinct fluid sources. *Lithos*, 380–381, 105823. doi: 10.1016/j.lithos.2020.105823
WoS: IF₂₀₂₀: 4,004; **Q1** (7/30) in Mineralogy; **Q1** (19/88) in Geochemistry & Geophysics; počet citací: 2
- Doláková, N., Kováčová, M., Utescher, T.** (2021): Vegetation and climate changes during the Miocene climatic optimum and Miocene climatic transition in the northwestern part of Central Paratethys. *Geological Journal*, 56, 2, 729–743. doi: 10.1002/gj.4056
WoS: IF₂₀₂₀: 2,489; **Q3** (112/199) in Geosciences, Multidisciplinary; počet citací: 10

Frýbort, A., Štulířová, J., Zavřel, T., **Gregerová, M., Všíanský, D.** (2021): Reactivity of slag in 15 years old self-compacting concrete. *Construction and Building Materials*, 267, 120914. doi: 10.1016/j.conbuildmat.2020.120914

WoS: IF₂₀₂₀: 6,141; **Q1** (7/136) in Engineering, Civil; **Q2** (86/335) in Materials Science, Multidisciplinary; **Q1** (7/66) in Construction & Building Technology; počet citací: 2

Haifler, J., Škoda, R., Filip, J., Larsen, A.O., Rohlíček, J. (2021): Zirconolite from Larvik Plutonic Complex, Norway, its relationship to stefanweissite and nöggerathite, and contribution to the improvement of zirconolite endmember systematics. *American Mineralogist*, 106, 8, 1255–1272. doi: 10.2138/am-2021-7510

WoS: IF₂₀₂₀: 3,003; **Q2** (10/30) in Mineralogy; **Q2** (36/88) in Geochemistry & Geophysics; počet citací: 4

Henry, R.E., Groat, L.A., Evans, R.J., **Cempírek, J., Škoda, R.** (2021): A crystallographically supported equation for calculating water in emerald from the sodium content. *Canadian Mineralogist*, 59, 2, 337–354. doi: 10.3749/canmin.2000076

WoS: IF₂₀₂₀: 1,165; **Q4** (25/30) in Mineralogy; počet citací: 4

Holá, M., Novotný, K., Dobeš, J., Krempl, I., **Wertich, V., Mozola, J., Kubeš, M.,** Faltusová, V., **Leichmann, J.,** Kanický, V. (2021): Dual imaging of uranium ore by Laser Ablation Inductively Coupled Plasma mass Spectrometry and Laser Induced Breakdown Spectroscopy. *Spectrochimica Acta Part B: Atomic Spectroscopy*, 186, 106312. doi: 10.1016/j.sab.2021.106312

WoS: IF₂₀₂₀: 3,752; **Q1** (8/43) in Spectroscopy; počet citací: 10

Hreus, S., Výravský, J., Cempírek, J., Breiter, K., Vašinová Galiová, M., **Krátký, O., Šešulka, V., Škoda, R.** (2021): Scandium distribution in the world-class Li-Sn-W Cínovec greisen-type deposit: result of a complex magmatic to hydrothermal evolution, implications for scandium valorization. *Ore Geology Reviews*, 139, A, 104433. doi: 10.1016/j.oregeorev.2021.104433

WoS: IF₂₀₂₀: 3,809; **Q2** (8/30) in Mineralogy; **Q1** (5/21) in Mining & Mineral Processing; počet citací: 8

Hurai, V., Blažeková, M., Huraiová, M., Siegfried, P.R., **Slobodník, M.,** Konečný, P. (2021): Thermobarometric and geochronologic constraints on the emplacement of the Neoproterozoic Evate carbonatite during exhumation of the Monapo granulite complex, Mozambique. *Lithos*, 380-381, 105883. doi: 10.1016/j.lithos.2020.105883

WoS: IF₂₀₂₀: 4,004; **Q1** (7/30) in Mineralogy; **Q1** (19/88) in Geochemistry & Geophysics; počet citací: 5

Chládek, Š., Uher, P., **Novák, M.,** Bačík, P., Opletal, T. (2021): Microlite-group minerals: tracers of complex post-magmatic evolution in beryl–columbite granitic pegmatites, Maršíkov District, Bohemian Massif, Czech Republic. *Mineralogical Magazine*, 85, 5, 725–743. doi: 10.1180/mgm.2021.58

WoS: IF₂₀₂₀: 2,062; **Q2** (13/30) in Mineralogy; počet citací: 2

Chroust, M., Mazuch, M., **Ivanov, M.,** Ekrt, B., **Luján, Á.H.** (2021): First remains of *Diplocynodon* cf. *ratelii* from the early Miocene sites of Ahníkov (Most Basin, Czech Republic). *Bulletin of Geosciences*, 96, 2, 123–138. doi: 10.3140/bull.geosci.1803

WoS: IF₂₀₂₀: 1,600; **Q2** (27/54) in Paleontology; **Q4** (157/199) in Geosciences, Multidisciplinary; počet citací: 7

Jašek, O., Toman, J., Šnírer, M., Jurmanová, J., Kudrle, V., Michalička, J., **Všíanský, D.,** Pavliňák, D. (2021): Microwave plasma-based high temperature dehydrogenation of hydrocarbons and alcohols as a single route to highly efficient gas phase synthesis of freestanding graphene. *Nanotechnology*, 32, 505608. doi: 10.1088/1361-6528/ac24c3

WoS: IF₂₀₂₀: 3,874; **Q3** (59/106) in Nanoscience & Nanotechnology; **Q2** (44/160) in Physics, Applied; **Q2** (139/334) in Materials Science, Multidisciplinary; počet citací: 9

Jašek, O., Toman, J., **Všíanský, D.,** Jurmanová, J., Šnírer, M., Hemzal, D., Bannov, A.G., Hajzler, J., Sřahel, P., Kudrle, V. (2021): Controlled high temperature stability of microwave plasma synthesized graphene nanosheets. *Journal of Physics D: Applied Physics*, 54, 16, 165201. doi: 10.1088/1361-6463/abdb6d

WoS: IF₂₀₂₀: 3,207; **Q2** (58/160) in Physics, Applied; počet citací: 12

Juráček, J., Zachariáš, J., **Melichar, R.** (2021): Palaeostress analysis based on multiple inversion in 9-dimensional space in relation to hydrothermal calcite veins in the SE margin of the Elbe Fault Zone (Bohemian Cretaceous Basin, the Czech Republic). *Zeitschrift der Deutschen Gesellschaft für Geowissenschaften*, 172, 2, 141–170. doi: 10.1127/zdgg/2021/0277

WoS: IF₂₀₂₀: 1,000; Q4 (181/199) in Geosciences, Multidisciplinary; počet citací: 0

Kasatkin, A.V., Plášil, J., Makovický, E., Chukanov, N.V., **Škoda, R.**, Agakhanov, A.A., Stepanov, S.Y., Palamarchuk, R.S. (2021): Auerbakhite, MnTl₂As₂S₅, a new thallium sulfosalt from the Vorontsovskoe gold deposit, Northern Urals, Russia. *Journal of Geosciences*, 66, 2, 89–96. doi: 10.3190/jgeosci.321

WoS: IF₂₀₂₀: 1,525; Q3 (59/88) in Geochemistry & Geophysics; Q3 (18/30) in Mineralogy; počet citací: 3

Kasatkin, A.V., Plášil, J., **Škoda, R.**, Campostrini, I., Chukanov, N.V., Agakhanov, A.A., Karpenko, V.Y., Belakovskiy, D.I. (2021): Ferrofremovite, (NH₄)Fe²⁺₂(SO₄)₃, a New Mineral from Solfatarata di Pozzuoli, Campania, Italy. *Canadian Mineralogist*, 59, 1, 59–68. doi: 10.3749/canmin.1900085

WoS: IF₂₀₂₀: 1,165; Q4 (25/30) in Mineralogy; počet citací: 3

Kasatkin, A.V., Zubkova, N.V., Pekov, I.V., Chukanov, N.V., **Škoda, R.**, Agakhanov, A.A., Belakovskiy, D.I., Britvin, S.N., Pushcharovsky, D.Y. (2021): The mineralogy of the historical Mochalin Log REE deposit, South Urals, Russia. Part IV. Alexkuznetsovite-(La), La₂Mn(CO₃)(Si₂O₇), alexkuznetsovite-(Ce), Ce₂Mn(CO₃)(Si₂O₇) and biraite-(La), La₂Fe²⁺(CO₃)(Si₂O₇), three new isostructural minerals and a definition of the biraite group. *Mineralogical Magazine*, 85, 772–783. doi: 10.1180/mgm.2021.64

WoS: IF₂₀₂₀: 2,062; Q2 (13/30) in Mineralogy; počet citací: 2

Kočová Veselská, M., Kočí, T., Jäger, M., Mikuláš, R., Heřmanová, Z., Morel, N., **Šamánek, J.** (2021): Sclerobionts on tubes of the serpulid *Pyrgopolon (Pyrgopolon) deforme* (Lamarck, 1818) from the upper Cenomanian of Le Mans region, France. *Cretaceous Research*, 125, 104873. doi: 10.1016/j.cretres.2021.104873

WoS: IF₂₀₂₀: 2,176; Q1 (13/54) in Paleontology; Q2 (14/48) in Geology; počet citací: 12

Koničková, Š., Losos, Z., Houzar, S., **Všianský, D.** (2021): Specific green zonal silica nodules of serpentinite weathering: Unusual products of silicification in laterite-like residuum (Moldanubian Zone, Bohemian Massif). *Geologica Carpathica*, 72, 1, 68–81. doi: 10.31577/GeolCarp.72.1.5

WoS: IF₂₀₂₀: 1,875; Q3 (143/199) in Geosciences, Multidisciplinary; počet citací: 0

Kotková, J., **Čopjaková, R.**, **Škoda, R.** (2021): Multiphase solid inclusions reveal the origin and fate of carbonate-silicate melts in metasomatised peridotite. *Lithos*, 398, 106309. doi: 10.1016/j.lithos.2021.106309

WoS: IF₂₀₂₀: 4,004; Q1 (7/30) in Mineralogy; Q1 (19/88) in Geochemistry & Geophysics; počet citací: 6

Kremser, K., Thallner, S., Strbik, D., Spiess, S., Kučera, J., Vaculovič, T., **Všianský, D.**, Haberbauer, M., Mandl, M., Guebitz, G.M. (2021): Leachability of metals from waste incineration residues by iron- and sulfur-oxidizing bacteria. *Journal of Environmental Management*, 280, 111734. doi: 10.1016/j.jenvman.2020.111734

WoS: IF₂₀₂₀: 6,789; Q1 (34/274) in Environmental Sciences; počet citací: 17

Krmíček, L., **Novák, M.**, Trumbull, R.B., **Cempírek, J.**, Houzar, S. (2021): Boron isotopic variations in tourmaline from metacarbonates and associated talc-silicate rocks from the Bohemian Massif: Constraints on boron recycling in the Variscan orogen. *Geoscience Frontiers*, 12, 1, 219–230. doi: 10.1016/j.gsf.2020.03.009

WoS: IF₂₀₂₀: 6,853; Q1 (8/199) in Geosciences, Multidisciplinary; počet citací: 8

Krmíček, L., Romer, R.L., Timmerman, M.J., Ulrych, J., Glodny, J., **Přichystal, A.**, Sodom, M. (2021): Long-lasting (65 Ma) regionally contrasting late- to post-orogenic Variscan mantle-derived potassic magmatism in the Bohemian Massif (vol 61, egaa072, 2020). *Journal of Petrology*, 62, 5, egab040. doi: 10.1093/petrology/egab040

WoS: IF₂₀₂₀: 1,708; Q1 (12/88) in Geochemistry & Geophysics; počet citací: 0

Krmíček, L., Ulrych, J., Jelínek, E., Skála, R., **Krmíčková, S.**, Korbelová, Z., Balogh, K. (2021): Petrogenesis of Cenozoic high-Mg (picritic) volcanic rocks in the České středohoří Mts. (Bohemian Massif, Czech Republic). *Mineralogy and Petrology*, 115, 2, 193–211. doi: 10.1007/s00710-020-00729-5

WoS: IF₂₀₂₀: 1,708; Q2 (15/30) in Mineralogy; Q3 (54/88) in Geochemistry & Geophysics; počet citací: 0

Kubeš, M., **Leichmann, J.**, **Wertich, V.**, **Mozola, J.**, Holá, M., Kanický, V., **Škoda, R.** (2021): Metamictization and fluid-driven alteration triggering massive HFSE and REE mobilization from zircon and

titanite: Direct evidence from EMPA imaging and LA-ICP-MS analyses. *Chemical Geology*, 586, 12593. doi: 10.1016/j.chemgeo.2021.120593

WoS: IF₂₀₂₀: 4,015; **Q1** (18/88) in Geochemistry & Geophysics; počet citací: 15

Kumpán, T., Kalvoda, J., Bábek, O., Matys Grygar, T., Frýda, J. (2021): The Devonian-Carboniferous boundary in the Moravian Karst (Czech Republic). *Palaeobiodiversity and Palaeoenvironments*, 101, 473–485. doi: 10.1007/s12549-019-00409-z

WoS: IF₂₀₂₀: 1,573; **Q3** (41/60) in Biodiversity Conservation; **Q3** (39/54) in Paleontology; počet citací: 6

Luján, Á.H., Čerňanský, A., Bonilla-Salomón, I., **Březina, J., Ivanov, M.** (2021): Fossil turtles from the early Miocene localities of Mokrý-Quarry (Burdigalian, MN4), South Moravian Region, Czech Republic. *Geodiversitas*, 43, 20, 691–707. doi: 10.5252/geodiversitas2021v43a20

WoS: IF₂₀₂₀: 1,480; **Q3** (34/54) in Paleontology; počet citací: 4

Majzlan, J., Plášil, J., Dachs, E., Benisek, A., Mangold, S., **Škoda, R.,** Abrosimova, N. (2021): Prediction and observation of formation of Ca–Mg arsenates in acidic and alkaline fluids: Thermodynamic properties and mineral assemblages at Jáchymov, Czech Republic and Rotgülden, Austria. *Chemical Geology*, 559, 119922. doi: 10.1016/j.chemgeo.2020.119922

WoS: IF₂₀₂₀: 4,015; **Q1** (18/88) in Geochemistry & Geophysics; počet citací: 6

Makovický, E., Plášil, J., Kasatkin, A.V., **Škoda, R.** (2021): The crystal structure of Ti_{2.36}Sb_{5.98}As_{4.59}S₁₇, the lead-free endmember of the Chabourneite homeotypic group. *Canadian Mineralogist*, 59, 3, 533–549. doi: 10.3749/canmin.2000093

WoS: IF₂₀₂₀: 1,165; **Q4** (25/30) in Mineralogy; počet citací: 1

Malíčková, I., Bačík, P., Fridrichová, J., Hanus, R., Illášová, L., Štubňa, J., Furka, D., Furka, S., **Škoda, R.** (2021): Optical and Luminescence Spectroscopy of Varicolored Gem Spinel from Mogok, Myanmar and Luc Yê, Vietnam. *Minerals*, 11, 2, 169.

WoS: IF₂₀₂₀: 2,644; **Q2** (11/30) in Mineralogy; **Q2** (42/88) in Geochemistry & Geophysics; **Q2** (9/21) in Mining & Mineral Processing; počet citací: 6

Mikysek, P., Zikmund, T., Dosbaba, M., Břínek, A., **Slobodník, M.,** Adamovič, J., Meszárošová, N., Trojek, T., Kaiser, J. (2021): Multi-scale visualization of uranium-rich domains dispersed in U-Zr mineralization of sandstone-type (Břevniště, Czech Republic). *Ore Geology Reviews*, 138, 104358. doi: 10.1016/j.oregeorev.2021.104358

WoS: IF₂₀₂₀: 3,809; **Q2** (8/30) in Mineralogy; **Q1** (5/21) in Mining & Mineral Processing; počet citací: 6

Nawrocki, J., **Leichmann, J.,** Pańczyk, M. (2021): Mid-Ediacaran bimodal magmatism and peri-Baltic affinity of the Brunovistulia terrane documented by the U-Pb isotope and palaeomagnetic data from the Brno Massif (Central Europe). *Precambrian Research*, 358, 106147. doi: 10.1016/j.precamres.2021.106147

WoS: IF₂₀₂₀: 4,725; **Q1** (30/199) in Geosciences, Multidisciplinary; počet citací: 5

Nehyba, S., Roetzel, R. (2021): Coastal sandy spit deposits (Lower Burdigalian/Eggenburgian) in the Alpine-Carpathian Foredeep of Lower Austria. *Geological Quarterly*, 65, 4, 50. doi: 10.7306/gq.1619

WoS: IF₂₀₂₀: 1,350; **Q2** (23/49) in Geology; počet citací: 2

Pavelková, A., Cencerová, V., **Zeman, J.,** Antos, V., Nosek, J. (2021): Reduction of chlorinated hydrocarbons using nano zero-valent iron supported with an electric field. Characterization of electrochemical processes and thermodynamic stability. *Chemosphere*, 265, 128764. doi: 10.1016/j.chemosphere.2020.128764

WoS: IF₂₀₂₀: 7,086; **Q1** (30/274) in Environmental Sciences; počet citací: 9

Plášil, J., Petříček, V., Škoda, R., Meisser, N., Kasatkin, A.V. (2021): Hidden and apparent twins in uranyl-oxide minerals agrinierite and rameauite: a demonstration of metric and reticular merohedry. *Journal of Applied Crystallography*, 54, 1656–1663, 6. doi: 10.1107/S1600576721009663

WoS: IF₂₀₂₀: 3,304; Q2 (85/178) in Chemistry, Multidisciplinary; Q2 (7/25) in Crystallography; počet citací: 2

Příkryl, T., Brzobohatý, R., Carnevale, G. (2021): Skeletal remains with otoliths *in situ* of the Miocene croaker *Trewasciaena* cf. *kokeni* (Teleostei, Sciaenidae) from the Pannonian of the Vienna Basin. *Bulletin of Geosciences*, 96, 1, 19–28. doi: 10.3140/bull.geosci.1813

WoS: IF₂₀₂₀: 1,600; Q2 (27/57) in Paleontology; Q4 (157/199) in Geosciences, Multidisciplinary; počet citací: 2

Radková, P., Novák, M., Cempírek, J., Houzar, S., Škoda, R. (2021): Amphibole and pyroxene as indicators of alkaline conditions in banded carbonatite-like marbles from Bližná, Český Krumlov Unit, Moldanubian Zone. *Journal of Geosciences*, 66, 243–262. doi: 10.3190/jgeosci.336

WoS: IF₂₀₂₀: 1,525; Q3 (59/88) in Geochemistry & Geophysics; Q3 (18/30) in Mineralogy; počet citací: 0

Scribner, E.D., Cempírek, J., Groat, L.A., Evans, R.J., Biagioni, C., Bosi, F., Dini, A., Halenius, U., Orlandi, P., Pasero, M. (2021): Magnesio-lucchesiite, $\text{CaMg}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$, a new species of the tourmaline supergroup. *American Mineralogist*, 106, 6, 862–871. doi: 10.2138/am-2021-7496

WoS: IF₂₀₂₀: 3,003; Q2 (10/30) in Mineralogy; Q2 (36/88) in Geochemistry & Geophysics; počet citací: 7

Sejkora, J., Števko, M., Škoda, R., Víšková, E., Toman, J., Hreus, S., Plášil, J., Dolníček, Z. (2021): Dobšináite, $\text{Ca}_2\text{Ca}(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$, a new member of the roselite group from Dobšiná (Slovak Republic). *Journal of Geosciences*, 66, 2, 127–135. doi: 10.3190/jgeosci.324

WoS: IF₂₀₂₀: 1,525; Q3 (59/88) in Geochemistry & Geophysics; Q3 (18/30) in Mineralogy; počet citací: 2

Spalletta, C., Corradini, C., Feist, R., Korn, D., Kumpan, T., Perri, M.C., Pondrelli, M., Venturini, C. (2021): The Devonian-Carboniferous boundary in the Carnic Alps (Austria and Italy). *Palaeobiodiversity and Palaeoenvironments*, 101, 487–505. doi: 10.1007/s12549-019-00413-3

WoS: IF₂₀₁₉: 1,573; Q3 (36/59) in Biodiversity Conservation; Q2 (27/55) in Paleontology; počet citací: 18

Stepanov, S.Y., Palamarchuk, R.S., Varlamov, D.A., Kiseleva, D.V., Sharpyonok, L.N., Škoda, R., Kasatkin, A.V. (2021): The Features of Native Gold in Ore-Bearing Breccias with Realgar-Orpiment Cement of the Vorontsovskoe Deposit (Northern Urals, Russia). *Minerals*, 11, 5, 541. doi: 10.3390/min11050541

WoS: IF₂₀₂₀: 2,644; Q2 (11/30) in Mineralogy; Q2 (42/88) in Geochemistry & Geophysics; počet citací: 3

Šamánek, J., Mikuláš, R., Hájková, L. (2021): A fossil carbonate rocky shore in the Kalcit Quarry: a new insight into echinoid shallow marine bioerosion (Miocene; Czech Republic). *Ichnos*, 28, 4, 271–289. doi: 10.1080/10420940.2021.1915781

WoS: IF₂₀₂₁: 1,438; Q3 (36/54) in Paleontology; počet citací: 1

Tvrď, J., Plášil, J., Sejkora, J., Škoda, R., Vrtiška, L., Dolníček, Z., Petr, M., Veselovský, F. (2021): Ferroberaunite, IMA 2021-036. *CNMNC Newsletter* 63. *Mineralogical Magazine*, 85. doi: 10.1180/mgm.2021.74

WoS: IF₂₀₂₀: 2,062; Q2 (13/30) in Mineralogy; počet citací: 5

Tvrđý, J., Sejkora, J., Rosseel, P., Dolníček, Z. (2021): Ferraioloite from the Sítio do Castelo mine, Folgoso (Guarda, Portugal), description and Raman spectroscopy. *Journal of Geosciences*, 66, 139–146.
WoS: IF₂₀₂₀: 1,525; Q3 (59/88) in *Geochemistry & Geophysics*; Q3 (18/30) in *Mineralogy*; počet citací: 0

Vöröš, D., Řimnáčová, D., **Medvecká, L.**, **Geršlová, E.**, Díaz-Somoano, M. (2021): The impact of saline mine water on fate of mineral elements and organic matter: The case study of the Upper Silesian Coal Basin. *Chemosphere*, 284, 131397. doi: 10.1016/j.chemosphere.2021.131397
WoS: IF₂₀₂₀: 7,086; Q1 (33/279) in *Environmental Sciences*; počet citací: 8

Weiner, T., **Weinerová, H.**, **Kalvoda, J.**, Viktorýn, T. (2021): The first lower Viséan trilobite Association from limestone facies of the Moravian Karst and its relation to the sedimentary environment (Líšeň Formation, Czech Republic). *Bulletin of Geosciences*, 96, 2, 217–249. doi: 10.3140/bull.geosci.1811
WoS: IF₂₀₂₀: 1,600; Q2 (27/54) in *Paleontology*; Q4 (157/199) in *Geosciences*, *Multidisciplinary*; počet citací: 0

Wunnava, S., Dirscherl, C.F., **Výravský, J.**, Kovařík, A., Matyášek, R., Šponer, J., Braun, D., Šponer, J.E. (2021): Acid-Catalyzed RNA-Oligomerization from 3',5'-cGMP. *Chemistry—A European Journal*, 27, 17581–17585. doi: 10.1002/chem.202103672
WoS: IF₂₀₂₀: 5,236; Q2 (52/178) in *Chemistry*, *Multidisciplinary*; počet citací: 10

Zemánek, D., Lang, K., Tvrđík, L., **Všianský, D.**, Nevřivová, L., **Štursa, P.**, Kovář, P., Keršnerová, Dvořák K. (2021): Development and Properties of New Mullite Based Refractory Grog. *Materials*, 14, 4, 779. doi: 10.3390/ma14040779
WoS: IF₂₀₂₀: 3,623; Q2 (27/69) in *Physics, Condensed Matter*; Q1 (17/80) in *Metallurgy & Metallurgical Engineering*; Q2 (152/335) in *Materials Science*, *Multidisciplinary*; Q2 (51/160) in *Physics, Applied*; Q2 (79/162) in *Chemistry, Physical*; počet citací: 6

Zeug, M., Nasdala, L., Ende, M., Habler, G., Hauzenberger, C., Chanmuang, C.N., **Škoda, R.**, Topa, D., Wildner, M., Wirth, R. (2021): The parasite–(Ce) enigma: challenges in the identification of fluorocarbonate minerals. *Mineralogy and Petrology*, 115, 1, 1–19. doi: 10.1007/s00710-020-00723-x
WoS: IF₂₀₂₀: 1,708; Q2 (15/30) in *Mineralogy*; Q3 (54/88) in *Geochemistry & Geophysics*; počet citací: 12

Zhou, J.-S., Wang, Q., Xu, Y.-G., **Cempírek, J.**, Wang, H., Ma, J.-L., Wei, G.-J., Huang, T.-Y., Zhu, G.-H., Zhang, L. (2021): Geochronology, petrology, and lithium isotope geochemistry of the Bailongshan granite-pegmatite system, northern Tibet: Implications for the ore-forming potential of pegmatites. *Chemical Geology*, 120484. doi: 10.1016/j.chemgeo.2021.120484
WoS: IF₂₀₂₀: 4.015; Q1 (18/88) in *Geochemistry & Geophysics*; počet citací: 29

Zhuravlev, A.V., Plotitsyn, A.N., **Cígler, V.**, **Kumpan, T.** (2021): Taxonomic notes on some advanced Tournaisian (Mississippian) siphonodellids (Conodonts). *Geobios*, 64, 93–101. doi: 10.1016/j.geobios.2020.12.001
WoS: IF₂₀₂₀: 1,529; Q3 (31/54) in *Paleontology*; počet citací: 4

2020 (celkem 61 článků, 18 studentů spoluautorů – červeně)

Abd El Monsef, M., **Slobodník, M.**, Salem, I.A. (2020): Characteristics and nature of gold-bearing fluids in Fatira area, North Eastern Desert of Egypt: possible transition from intrusion-related to orogenic deposits. *Arabian Journal of Geosciences*, 13, 19, 1034. doi: 10.1007/s12517-020-05982-8
WoS: IF₂₀₁₉: 1,327; Q4 (159/200) in *Geosciences*, *Multidisciplinary*; počet citací: 5

Ackerman, L., Kotková, J., **Čopjaková, R.**, Sláma, J., Trubač, J., Dillingerová, V. (2020): Petrogenesis and Lu–Hf dating of (ultra)mafic rocks from the Kutná Hora Crystalline Complex: implications for the Devonian evolution of the Bohemian Massif. *Journal of Petrology*, 61, 8, ega075. doi: 10.1093/petrology/egaa075
WoS: IF₂₀₁₉: 3,451; Q1 (20/85) in *Geochemistry & Geophysics*; počet citací: 15

Alba, D.M., Gasamans, N., Pons-Monjo, G., **Luján, Á.H.**, Robles, J.M., Obrado, P., Casanovas-Vilar, I. (2020): Oldest *Deinotherium proavum* from Europe. *Journal of Vertebrate Paleontology*, 40, 2, e1775624. doi: 10.1080/02724634.2020.1775624
WoS: IF₂₀₁₉: 1,863; Q2 (20/54) in *Paleontology*; počet citací: 5

Ashkanani, H.J., Tykot, R.H., Al-Juboury, A.I., Stremtan, C.C., **Petrík, J., Slavíček, K.** (2020): A characterisation study of Ubaid period ceramics from As-Sabbiya, Kuwait, using a non-destructive portable X-Ray fluorescence (pXRF) spectrometer and petrographic analyses. *Arabian Archaeology and Epigraphy*, 31, 3–18. doi: 10.1111/aae.12143

WoS: IF₂₀₁₉: neuvedeno; počet citací: 2

Bačík, P., Fridrichová, J., Štubňa, J., Bancík, T., Illášová, L., Pálková, H., **Škoda, R.**, Mikuš, T., Milovská, S., Vaculovič, T., Sečkář, P. (2020): The REE-Induced Absorption and Luminescence in Yellow Gem-Quality Durango-Type Hydroxylapatite from Muránská Dlhá Lúka, Slovakia. *Minerals*, 10, 11, 1001. doi: 10.3390/min10111001

WoS: IF₂₀₁₉: 2,380; **Q2** (11/30) in Mineralogy; **Q2** (6/21) in Mining & Mineral Processing; počet citací: 4

Barros, R., Kaeter, D., Menuge, J.F., **Škoda, R.** (2020): Controls on chemical evolution and rare element enrichment in crystallising albite-spodumene pegmatite and wallrocks: Constraints from mineral chemistry. *Lithos*, 352, 105289. doi: 10.1016/j.lithos.2019.105289

WoS: IF₂₀₁₉: 3,390; **Q2** (22/85) in Geochemistry & Geophysics; **Q2** (8/30) in Mineralogy; počet citací: 34

Berčáková, A., Melichar, R., Souček, K. (2020): Mechanical Properties and Failure Patterns of Migmatized Gneiss with Metamorphic Foliation Under UCS Test. *Rock Mechanics and Rock Engineering*, 53, 2007–2013. doi: 10.1007/s00603-019-02012-2

WoS: IF₂₀₁₉: 4,140; **Q1** (5/39) in Engineering, Geological; **Q1** (24/200) in Geosciences, Multidisciplinary; počet citací: 13

Blaško, D., Nehyba, S. (2020): Synchrony evolution of two contradictory prograding Gilbert-type deltas at the margins of the foreland basin (case study from the Neogene Western Carpathian Foredeep). *Marine and Petroleum Geology*, 118, 104407. doi: 10.1016/j.marpetgeo.2020.104407

WoS: IF₂₀₁₉: 3,790; **Q1** (31/200) in Geosciences, Multidisciplinary; počet citací: 3

Boriová, S., Sázelová, S., Novák, M., **Štecl, J.,** Svoboda, J. (2020): Human and non-human taphonomic effects on faunal remains from the Late Upper Paleolithic: a case study from the Stránská skála IV site, Czech Republic. *International Journal of Osteoarchaeology*, 30,2, 155–169. doi: 10.1002/oa.2843

WoS: IF₂₀₁₉: 1,228; **Q2** (38/90) in Anthropology; počet citací: 6

Buriánek, D., Buřivalová, L., Houzar, S., **Losos, Z.,** Miková, J. (2020): Geochronology and petrogenesis of orthogneiss from the Pacov body: implications for the subdivision of the Cambro-ordovician peraluminous magmatism and related mineralizations in the Monotonous and Varied units of the Moldanubian Zone (Bohemian Massif). *Mineralogy and Petrology*, 114, 175–197. doi: 10.1007/s00710-020-00699-8

WoS: IF₂₀₁₉: 1,461; **Q3** (53/85) in Geochemistry & Geophysics; **Q3** (17/30) in Mineralogy; počet citací: 2

Černý, J., **Melichar, R., Všíanský, D.,** Drahokoupil, J. (2020): Magnetic Anisotropy of rocks: A New Classification of Inverse Magnetic Fabrics to Help Geological Interpretations. *Journal of Geophysical Research: Solid Earth*, 125, 11, 1–13. doi: 10.1029/2020JB020426

WoS: IF₂₀₁₉: 3,639; **Q1** (16/85) in Geochemistry & Geophysics; počet citací: 9

Doláková, N., Kočár, P., Dresler, P., Dreslerová, G., Kočárová, R., **Ivanov, M., Nehyba, S.** (2024): Development of interaction of the environment and the subsistence strategy of early medieval society: Pohansko near Břeclav and surroundings. *Archeologické Rozhledy*, 72, 4, 523–572. doi: 10.35686/AR.2020.19

WoS: IF₂₀₁₉: neuvedeno; **Q3** (107/154) in Archaeology; počet citací: 4

Dvořák, K., **Všíanský, D.,** Gazdič, D., Fridrichová, M., Vaiciukyniene, D. (2020): Thaumassite formation by hydration of sulphosilicate clinker. *Materials Today Communications*, 25, 101449. doi: 10.1016/j.mtcomm.2020.101449

WoS: IF₂₀₁₉: 2,678; **Q2** (151/314) in Materials Science, Multidisciplinary; počet citací: 3

Faimon, J., Lang, M., Geršl, M., Sracek, O., Bábek, O. (2020): The „breathing spots“ in karst areas—the sites of advective exchange of gases between soils and adjacent underground cavities. *Theoretical and Applied Climatology*, 142, 1-2, 85–101. doi: 10.1007/s00704-020-03280-7

WoS: IF₂₀₁₉: 2,882; **Q2** (40/93) in Meteorology & Atmospheric Sciences; počet citací: 7

- Gadas, P., Novák, M.,** Vašinová Galiová, M., Szuszkiewicz, A., Pieczka, A., **Haifler, J., Cempírek, J.** (2020): Secondary Beryl in Cordierite/Sekaninaite Pseudomorphs from Granitic Pegmatites – A Monitor of Elevated Content of Beryllium in the Precursor. *Canadian Mineralogist*, 58, 6, 785–802. doi: 10.3749/canmin.2000014
WoS: IF₂₀₁₉: 1,449; Q3 (18/30) in Mineralogy; počet citací: 4
- Hudáčková, N., Holcová, K., Halásová, E., Kováčová, M., **Doláková, N.,** Trubač, J., Rybár, S., Ruman, A., Stárek, D., Šujan, M., Jamrich, M., Kováč, M. (2020): The Pannonian Basin System northern margin paleogeography, climate and depositional environments in the time range during MMCT (Central Paratethys, Novohrad-Nógrád Basin, Slovakia). *Palaeontologia Electronica*, 23, 3, a50. doi: 10.26879/1067
WoS: IF₂₀₁₉: 1,616; Q2 (25/55) in Paleontology; počet citací: 8
- Chládek, Š., Uher, P., **Novák, M.** (2020): Compositional and textural variations of columbite-group minerals from beryl-columbite pegmatites in the Maršíkov District, Bohemian Massif, Czech Republic: Magmatic versus hydrothermal evolution. *Canadian Mineralogist*, 58, 6, 767–783. doi: 10.3749/canmin.1900093
WoS: IF₂₀₁₉: 1,449; Q3 (18/30) in Mineralogy; počet citací: 9
- Ivanov, M.,** Čerňanský, A., Bonilla-Salomón, I., Luján, Á.H. (2020): Early Miocene squamate assemblage from the Mokrá-Western Quarry (Czech Republic) and its palaeobiogeographical and palaeoenvironmental implications. *Geodiversitas*, 42, 20, 343–376. doi: 10.5252/geodiversitas2020v42a20
WoS: IF₂₀₁₉: 1,021; Q4 (44/55) in Paleontology; počet citací: 10
- Jirman, P., Geršlová, E.,** Bubík, M., Sachsenhofer, R.F., **Medvecká, L.** (2020): Source rock potential of the Oligocene Menilite Formation in the Czech sector of the Subsilesian Unit (Flysch Carpathians). *Geologica Carpathica*, 71, 5, 402–417. doi: 10.31577/GeolCarp.71.5.2
WoS: IF₂₀₁₉: 1,535; Q3 (141/200) in Geosciences, Multidisciplinary; počet citací: 0
- Kaiser, S.I., **Kumpan, T.,** Rasser, M.W. (2020): High-resolution conodont biostratigraphy in two key sections from the Carnic Alps (Grüne Schneid) and Graz Paleozoic (Troip) – implications for the biozonation concept at the Devonian-Carboniferous boundary. *Newsletters on Stratigraphy*, 53, 3, 249–274. doi: 10.1127/nos/2019/0520
WoS: IF₂₀₁₉: 3,025; Q1 7/47) in Geology; počet citací: 8
- Kasatkin, A.V., Britvin, S.N., Chukanov, N.V., **Škoda, R.,** Agakhanov, A.A., Belakovskiy, D.I. (2020): Belogubite, a New Mineral of the Chalcantite Group from the Gaiskoe Deposit, South Urals, Russia. *Geology of Ore Deposits*, 62, 7, 599–607. doi: 10.11347/S1075701520070065
WoS: IF₂₀₁₉: 0,670; Q4 (28/30) in Mineralogy; Q4 (43/48) in Geology; počet citací: 1
- Kasatkin, A.V., Britvin, S.N., Peretyazhko, I.S., Chukanov, N.V., **Škoda, R.,** Agakhanov, A.A. (2020): Oxybismutomicrolite, a new pyrochlore-supergroup mineral from the Malkhan pegmatite field, Central Transbaikalia, Russia. *Mineralogical Magazine*, 84, 3, 444–454. doi: 10.1180/mgm.2020.25
WoS: IF₂₀₁₉: 1,738; Q2 (13/30) in Mineralogy; počet citací: 5
- Kasatkin, A.V., Makovicky, E., Plášil, J., **Škoda, R.,** Agakhanov, A.A., Chaikovskiy, I.I., Vlasov, E.A., Pekov, I.V. (2020): Chukotkaite, AgPb₇Sb₅S₁₅, a new sulfosalt mineral from Eastern Chukotka, Russia. *Canadian Mineralogist*, 58, 5, 587–596. doi: 10.3749/canmin.2000036
WoS: IF₂₀₁₉: 1,449; Q3 (18/30) in Mineralogy; počet citací: 2
- Kasatkin, A.V., Makovicky, E., Plášil, J., **Škoda, R.,** Agakhanov, A.A., Stepanov, S.Y., Palamarchuk, R.S. (2020): Luboržákite, Mn₂AsSbS₅, a new member of pavonite homologous series from Vorontsovskoe gold deposit, Northern Urals, Russia. *Mineralogical Magazine*, 84, 5, 738–745. doi: 10.1180/mgm.2020.48
WoS: IF₂₀₁₉: 1,738; Q2 (13/30) in Mineralogy; počet citací: 7
- Kasatkin, A.V., Nestola, F., **Škoda, R.,** Chukanov, N.V., Agakhanov, A.A., Belakovskiy, D.I., Lanza, A., Holá, M., Rumsey, M.S. (2020): Hingganite-(Nd), Nd₂□Be₂Si₂O₈(OH)₂, a new gadolinite-supergroup mineral from Zagi Mountain, Pakistan. *Canadian Mineralogist*, 58, 5, 549–562. doi: 10.3749/canmin.2000039
WoS: IF₂₀₁₉: 1,449; Q3 (18/30) in Mineralogy; počet citací: 2
- Kasatkin, A.V., Zubkova, N.V., Pekov, I.V., Chukanov, N.V., **Škoda, R.,** Polekhovskiy, Y.S., Agakhanov, A.A., Belakovskiy, D.I., Kuznetsov, A.M., Britvin, S.N., Pushcharovskiy, D.Y. (2020): The mineralogy of the historical Mochalin Log REE deposit, South Urals, Russia. Part I. New gatelite-group minerals ferriperboeite-

(La), $(\text{CaLa}_3)(\text{Fe}^{3+}\text{Al}_2\text{Fe}^{2+})[\text{Si}_2\text{O}_7][\text{SiO}_4]_3\text{O}(\text{OH})_2$ and perboeite-(La), $(\text{CaLa}_3)(\text{Al}_3\text{Fe}^{2+})[\text{Si}_2\text{O}_7][\text{SiO}_4]_3\text{O}(\text{OH})_2$. *Mineralogical Magazine*, 84, 4, 593–607. doi: 10.1180/mgm.2020.42

WoS: IF₂₀₁₉: 1,738; Q2 (13/30) in Mineralogy; počet citací: 5

Kasatkin, A.V., Zubkova, N.V., Pekov, I.V., Chukanov, N.V., Škoda, R., Agakhanov, A.A., Belakovskiy, D.I., Ksenofontov, D.A., Plášil, J., Kuznetsov, A.M., Britvin, S.N., Pushcharovsky, D.Y. (2020): The mineralogy of the historical Mochalin Log REE deposit, South Urals, Russia. Part III. Perceveite-(La), $\text{La}_2\text{Si}_2\text{O}_7$, a new REE disilicate mineral. *Mineralogical Magazine*, 84, 6T, 913–920. doi: 10.1180/mgm.2020.81

WoS: IF₂₀₁₉: 1,738; Q2 (13/30) in Mineralogy; počet citací: 4

Krmíček, L., Ackerman, L., Hrubý, J., Kynický, J. (2020): The highly siderophile elements and Re-Os isotope geochemistry of Variscan lamproites from the Bohemian Massif: implications for regionally dependent metasomatism of orogenic mantle. *Chemical geology*, 532, 11920. doi: 10.1016/j.chemgeo.2019.119290

WoS: IF₂₀₁₉: 3,363; Q2 (23/85) in Geochemistry & Geophysics; počet citací: 9

Krmíček, L., Romer, R.L., Cempírek, J., Gadas, P., Krmíčková, S., Glodny, J. (2020): Petrographic and Sr-Nd-Pb-Li isotope characteristics of a complex lamproite intrusion from the Saxo-Thuringian Zone: A unique example of peralkaline mantle-derived melt differentiation. *Lithos*, 374, 105735. doi: 10.1016/j.lithos.2020.105735

WoS: IF₂₀₁₉: 3,390; Q2 (22/85) in Geochemistry & Geophysics; Mineralogy; Q2 (8/30) in Mineralogy; počet citací: 12

Krmíček, L., Ulrych, J., Šišková, P., Krmíčková, S., Špaček, P., Křížová, Š. (2020): Geochemistry and Sr-Nd-Pb isotope characteristics of Miocene basalt-trachyte rock association in transitional zone between the Outer Western Carpathians and Bohemian Massif. *Geologica Carpathica*, 71, 5, 462–482. doi: 10.31577/GeolCarp.71.5.6

WoS: IF₂₀₁₉: 1,535; Q3 (141/200) in Geosciences, Multidisciplinary; počet citací: 2

Krmíček, L., Romer, R.L., Timmerman, M.J., Ulrych, J., Glodny, J., Přichystal, A., Sudo, M. (2020): Long-Lasting (65 Ma) Regionally Contrasting Late- to Post-Orogenic Variscan Mantle-derived Potassic Magmatism in the Bohemian Massif. *Journal of Petrology*, 61, 7, egaa072. doi: 10.1093/petrology/egaa072

WoS: IF₂₀₁₉: 3,451; Q1 (20/85) in Geochemistry & Geophysics; počet citací: 19

Krmíčková, S., Krmíček, L., Romer, R.L., Ulrych, J. (2020): Lead isotope evolution of the Central European upper mantle: Constraints from the Bohemian Massif. *Geoscience Frontiers*, 11, 3, 925–942. doi: 10.1016/j.gsf.2019.09.009

WoS: IF₂₀₁₉: 4,202; Q1 (22/200) in Geosciences, Multidisciplinary; počet citací: 15

Kruzlicz, A.B., Nasdala, L., Wildner, M., Škoda, R., Redhammer, G.J., Hauzenberger, C., Wanthanachaisaeng, B. (2020): Black Spinel-A Gem Material from Bo Phloi, Thailand. *Journal of Gemmology*, 37, 1, 66–79. doi: 10.15506/JoG.2020.37.1.66

WoS: IF₂₀₁₉: 0,767; Q4 (26/30) in Mineralogy; počet citací: 3

Kubeš, M., Leichmann, J., Chlupáčová, M. (2020): Neof ormation of magnetite during selective metasomatism controlling large-scale positive magnetic anomalies within the Brunovistulian unit (Bohemian Massif). *Mineralogy and Petrology*, 114, 199–215. doi: 10.1007/s00710-020-00696-x

WoS: IF₂₀₁₉: 1,461; Q3 (53/85) in Geochemistry & Geophysics; Q3 (17/30) in Mineralogy; počet citací: 2

Lang, M., Faimon, J. (2020): Effect of water excess on soil carbon dioxide, seepage water chemistry, and calcite speleothem growth: An experimental and modeling approach. *Hydrological Processes*, 34, 22, 4334–4349. doi: 10.1002/hyp.13877

WoS: IF₂₀₁₉: 3,256; Q1 (18/94) in Water Resources; počet citací: 0

Laufek, F., Plášil, J., Cempírek, J., Škoda, R. (2020): Foreword to the special issue arising from the 9th European Conference on Mineralogy and Spectroscopy. *Journal of Geosciences*, 65, 1, 1–2. doi: 10.3190/jgeosci.302

WoS: IF₂₀₁₉: 1,279; Q3 (61/85) in Geochemistry & Geophysics; Q4 (23/30) in Mineralogy; počet citací: 0

- Ličbinský, R., Faimon, J.,** Tanda, S., Hegrová, J., Goessler, W., Überhuberová, J. (2020): Changes in the elemental composition of particulate matter in a speleotherapeutic cave. *Atmospheric Pollution Research*, 11, 1142–1154. doi: 10.1016/j.apr.2020.04.008
WoS: IF₂₀₁₉: 3,527; **Q2** (80/265) in Environmental Sciences; počet citací: 4
- Mahdy, N.M., Ntaflou, T., Pease, V.L., Sami, M., **Slobodník, M.,** Abu Steet, A.A., Abdelfadil, K.M., Fathy, D. (2020): Combined zircon U–Pb dating and chemical Th–U–total Pb chronology of monazite and thorite, Abu Diab A-type granite, Central Eastern Desert of Egypt: Constraints on the timing and magmatic-hydrothermal evolution of rare metal granitic magmatism in the Arabian Nubian Shield. *Chemie der Erde*, 80, 4, 125669. doi: 10.1016/j.chemer.2020.125669
WoS: IF₂₀₁₉: 2,871; **Q2** (36/85) in Geochemistry & Geophysics; počet citací: 29
- Moiny, H., Faryad, S.W., **Čopjaková, R.,** Jedlicka, R. (2020): Multi-stage metamorphism by progressive accretion of continental blocks, example from the Western Hindu Kush. *Journal of Metamorphic Geology*, 38, 7, 693–717. doi: 10.1111/jmg.12535
WoS: IF₂₀₁₉: 4,046; **Q1** (2/47) in Geology; počet citací: 2
- Nasdala, L., Akhmadaliev, S., Burakov, B.E., Chanmuang, N.C., **Škoda, R.** (2020): The absence of metamictisation in natural monazite. *Scientific Reports*, 10, 1, 14676. doi: 10.1038/s41598-020-71451-7
WoS: IF₂₀₁₉: 3,998; **Q1** (17/71) in Multidisciplinary Sciences; počet citací: 18
- Nguyen, V.D., Bui, Q.M., Kynický, J., **Všianský, D.** (2020): Effect of Milling Methods on Particulate Properties and Structure of Clinoptilolite. *Crystal Research and Technology*, 55, 4, 1900180. doi: 10.1002/crat.201900180
WoS: IF₂₀₁₉: 1,169; **Q3** (18/26) in Crystallography; počet citací: 1
- Petr, L., **Petrík, J.,** Chattová, B., Jamrichová, E., Rohovec, J., Matoušková, Š., Hajnalová, M. (2020): The history of a Pannonian oak woodland – palaeoecological evidence from south-eastern Slovakia. *Folia Geobotanica*, 55, 20–40. doi: 10.1007/s12224-019-09360-5
WoS: IF₂₀₁₉: 1,242; **Q3** (142/234) in Plant Sciences; počet citací: 0
- Petrík, J.,** Nováček, K., **Všianský, D.,** Al-Juboury A.I., **Slaviček, K.** (2020): Islamic glazed pottery from Adiabene (Iraq, Kurdistan): multianalytical research into its technological development and provenance. *Archaeological and Anthropological Sciences*, 12, 1, 19. doi: 10.1007/s12520-019-01002-3
WoS: IF₂₀₁₉: 2,063; **Q1** (18/91) in Anthropology; **Q3** (109/200) in Geosciences, Multidisciplinary; počet citací: 1
- Plášil, J., Kampf, A.R., Meisser, N., Lheur, C., Brunsperger, T., **Škoda, R.** (2020): Smamite, Ca₂Sb(OH)₄[H(AsO₄)₂] · 6H₂O, a new mineral and a possible sink for Sb during weathering of fahlore. *American Mineralogist*, 105, 4, 555–560. doi: 10.2138/am-2020-7133
WoS: IF₂₀₁₉: 2,922; **Q2** (33/85) in Geochemistry & Geophysics; **Q2** (10/30) in Mineralogy; počet citací: 1
- Plášil, J., Kampf, A.R., Olds, T.A., Sejkora, J., **Škoda, R.,** Burns, P.C., Čejka, J. (2020): The new K, Pb-bearing uranyl-oxide mineral kroupaite: Crystal-chemical implications for the structures of uranyl-oxide hydroxyhydrates. *American Mineralogist*, 105, 4, 561–568. doi: 10.2138/am-2020-7311
WoS: IF₂₀₁₉: 2,922; **Q2** (33/85) in Geochemistry & Geophysics; **Q2** (10/30) in Mineralogy; počet citací: 6
- Prokeš, L., **Petrík, J.,** Jarůšková, Z., Fraczek, M., Kalicki, T. (2020): Origin of a silver Stollhof-type disc excavated at Vanovice (South Moravia). *Praehistorische Zeitschrift*, 95, 1, 112–127. doi: 10.1515/pz-2020-0007
WoS: IF₂₀₁₉: 0,583; **Q3** (65/90) in Anthropology; počet citací: 2
- Roth, P., Meisser, N., Nestola, F., **Škoda, R.,** Cámara, F., Bosi, F., Ciriotti, M.E., Halenius, U., Schnyder, C., Bracco, R. (2020): Rüdingerite, Mn²⁺₂V⁵⁺O₇ · 2H₂O, a New Species Isostructural with Fianelite. *Minerals*, 10, 11, 960. doi: 10.3390/min10110960
WoS: IF₂₀₁₉: 2,380; **Q2** (11/30) in Mineralogy; **Q2** (6/21) in Mining & Mineral Processing; počet citací: 1
- Sajjad, W., Zheng, G.D., Ma, X.X., Xu, W., Ali, B., Rafiq, M., Zada, S., Irfan, M., **Zeman, J.** (2020): Dissolution of Cu and Zn-bearing ore by indigenous iron-oxidizing bacterial consortia supplemented with dried bamboo sawdust and variations in bacterial structural dynamics: A new concept in bioleaching. *Science of the Total Environment*, 709, 136136. doi: 10.1016/j.scitotenv.2019.136136
WoS: IF₂₀₁₉: 6,551; **Q1** (22/265) in Environmental Sciences; počet citací: 14

- Sázellová, S., Lawler, D., **Hladilová, Š.**, Boriová, S., Šáliová, S., Janoušek, T., Perri, A.R., Hublin, J.-J., Svoboda, J. (2020): A wolf from Gravettian site Pavlov I, Czech Republic: Approach to skull pathology. *International Journal of Paleopathology*, 31, 7–13. doi: 10.1016/j.ijpp.2020.07.001
WoS: IF₂₀₁₉: 1,614; **Q2** (26/55) in Paleontology; **Q3** (53/78) in Pathology; počet citací: 1
- Sejkora, J., Litochleb, J., **Novák, M.**, Cícha, J., Dolníček, Z. (2020): Nickel-(Bi, Ag) sulphide mineralization from NYF Vepice pegmatite, Milevsko pluton, southern Bohemia (Czech Republic) - a reflection of the parental granite chemistry. *Journal of Geosciences*, 65, 3, 187–199. doi: 10.3190/jgeosci.310
WoS: IF₂₀₁₉: 1,279; **Q3** (61/85) in Geochemistry & Geophysics; **Q3** (22/30) in Mineralogy; počet citací: 2
- Slobodník, M., Dillingerová, V.**, Blažeková, M., Huraiová, M., Hurai, V. (2020): Trace Elements in Apatite as Genetic Indicators of the Evate Apatite-Magnetite Deposit, NE Mozambique. *Minerals*, 10, 12, 1125. doi: 10.3390/min10121125
WoS: IF₂₀₁₉: 2,380; **Q2** (11/30) in Mineralogy; **Q2** (6/21) in Mining & Mineral Processing; počet citací: 1
- Slobodník, M., Gadas, P., Všíanský, D., Přichystal, A., Losos, Z.** (2020): Regional low-temperature fluid flow indicated by quartz mineralization in Silesicum, NE Bohemian massif. *Geologica Carpathica*, 71, 3, 233–248. doi: 10.31577/GeolCarp.71.3.3
WoS: IF₂₀₁₉: 1,535; **Q3** (141/200) in Geosciences, Multidisciplinary; počet citací: 0
- Steciuk, G., **Škoda, R.**, Rohlíček, J., Plášil, J. (2020): Crystal structure of the uranyl–molybdate mineral calcurmolite $\text{Ca}[(\text{UO}_2)_3(\text{MoO}_4)_2(\text{OH})_4](\text{H}_2\text{O})_{-5.0}$: insights from a precession electron-diffraction tomography study. *Journal of Geosciences*, 65, 1, 15–25. doi: 10.3190/jgeosci.297
WoS: IF₂₀₁₉: 1,279; **Q3** (61/85) in Geochemistry & Geophysics; **Q4** (23/30) in Mineralogy; počet citací: 8
- Šimíček, D., Bábek, O., Faměra, M., **Kalvoda, J.** (2020): Million-year secular variations in the elemental Geochemistry of Devonian marine records and a link to global climate and bioevents: Prague Basin, Czechia. *Sedimentary Geology*, 402, 105651. doi: 10.1016/j.sedgeo.2020.105651
WoS: IF₂₀₁₉: 2,728; **Q1** (8/47) in Geology; počet citací: 6
- Škoda, R., Novák, M., Čopjaková, R.**, Galliski, M.A., Marquez-Zavalía, M.F., Sejkora, J. (2020): Bismuth Minerals from the Intragranitic La Elsa NYF Pegmatite, Potrerrillos Granite, Argentina: Monitors of Fluid Evolution from Magmatic to Hydrothermal Stage. *Canadian Mineralogist*, 58, 6, 717–732. doi: 10.3749/canmin.2000011
WoS: IF₂₀₁₉: 1,449; **Q3** (18/30) in Mineralogy; počet citací: 1
- Števkó, M., Sejkora, J., Plášil, J., Dolníček, Z., **Škoda, R.** (2020): Fluorapophyllite-(NH_4), $\text{NH}_4\text{Ca}_4(\text{Si}_8\text{O}_{20})\text{F} \cdot 8\text{H}_2\text{O}$, a new member of the apophyllite group from the Vevec quarry, eastern Slovakia. *Mineralogical Magazine*, 84, 4, 533–539. doi: 10.1180/mgm.2020.44
WoS: IF₂₀₁₉: 1,738; **Q2** (13/30) in Mineralogy; počet citací: 4
- Tomašič, N., **Škoda, R.**, Bermanec, V., Šoufek, M. (2020): Crystal chemistry and microfeatures of gadolinite imprinted by pegmatite formation and alteration evolution. *American Mineralogist*, 105, 11, 1647–1655. doi: 10.2138/am-2020-7355
WoS: IF₂₀₁₉: 2,924; **Q2** (33/85) in Geochemistry & Geophysics; **Q2** (10/30) in Mineralogy; počet citací: 1
- Tvrđý, J.**, Plášil, J., **Škoda, R.** (2020): New crystal-chemical data on zincoberaunite from Krásno near Horní Slavkov (Czech Republic). *Journal of Geosciences*, 65, 1, 45–57. doi: 10.3190/jgeosci.296
WoS: IF₂₀₁₉: 1,279; **Q3** (61/85) in Geochemistry & Geophysics; **Q4** (23/30) in Mineralogy; počet citací: 2
- Vašínska, M., Krmíček, L., Všíanský, D., Hrbáček, F., Nývlt, D.** (2020): Chemical weathering in Antarctica: an example of igneous rock particles in Big Lachman Lake sediments, James Ross Island. *Environmental Earth Sciences*, 79, 8, 186. doi: 10.1007/s12665-020-08926-3
WoS: IF₂₀₁₉: 2,180; **Q3** (147/265) in Environmental Sciences; **Q3** (103/200) in Geosciences, Multidisciplinary; **Q2** (43/94) in Water Resources; počet citací: 7
- Weinerová, H.**, Bábek, O., Slavík, L., Vohnof, H., Joachimski, M.M., Hladil, J. (2020): Oxygen and carbon stable isotope records of the Lochkovian-Pragian boundary interval from the Prague Basin (Lower Devonian, Czech Republic). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 560, 110036. doi: 10.1016/j.palaeo.2020.110036

WoS: IF₂₀₁₉: 2,833; Q2 (21/50) in Geography, Physical; Q2 (66/200) in Geosciences, Multidisciplinary; Q1 (5/55) in Paleontology; počet citací: 8

Zachař, A., Novák, M., Škoda, R. (2020): Beryllium minerals as monitors of geochemical evolution from magmatic to hydrothermal stage; examples from NYF pegmatites of the Třebíč Pluton, Czech Republic. *Journal of Geosciences*, 65, 3, 153–172. doi: 10.3190/jgeosci.307

WoS: IF₂₀₁₉: 1,279; Q3 (61/85) in Geochemistry & Geophysics; Q3 (22/30) in Mineralogy; počet citací: 5

2019 (celkem 51 článků, 18 studentů spoluautorů – červeně)

Baroň, I., **Sokol, L'.**, **Melichar, R.**, Plan, L. (2019): Gravitational and tectonic stress states within a deep-seated gravitational slope deformation near the seismogenic Periadriatic Line fault. *Engineering Geology*, 261, 1, 105284. doi: 10.1016/j.enggeo.2019.105284

WoS: IF₂₀₁₈: 3,909; Q1 (4/38) in Engineering, Geological; Q1 (30/196) Geosciences, Multidisciplinary; počet citací: 10

Baroň, I., Plan, L., **Sokol, L'.**, Grasermann, B., **Melichar, R.**, Mitrovic, I., Stemberk, J. (2019): Present-day kinematic behavior of active faults in the Eastern Alps. *Tectonophysics*, 752, 1–23. doi: 10.1016/j.tecto.2018.12.024

WoS: IF₂₀₁₈: 2,764; Q2 (34/84) in Geochemistry & Geophysics; počet citací: 19

Bochaton, C., **Ivanov, M.**, Claude, J. (2019): Osteological criteria for the specific identification of Monitor lizards (*Varanus Merrem*, 1820) remains in subfossil deposits of Sundaland and continental Southeast Asia. *Amphibia-Reptilia*, 40, 2, 219–232. doi: 10.1163/15685381-20181101

WoS: IF₂₀₁₈: 0,943; Q3 (108/170) in Zoology; počet citací: 4

Brzobohatý, R., Bubík, M. (2019): Paleogene fish otoliths (Teleostei) from Subsilesian and Zdanice units in Moravia. *Bulletin of Geosciences*, 94, 1, 101–114. doi: 10.3140/bull.geosci.1715

WoS: IF₂₀₁₈: 1,500; Q2 (20/57) in Paleontology; Q3 (138/196) in Geosciences, Multidisciplinary; počet citací: 4

Buriánek, D., Kropáč, K. (2019): Petrogenesis of Miocene subvolcanic rocks in the Western Outer Carpathians (southeastern Moravia, Czech Republic). *Journal of Geosciences*, 64, 2, 105–125. doi: 10.3190/jgeosci.286

WoS: IF₂₀₁₈: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; počet citací: 1

Faimon, J., Ličbinský, R., Lang, M., Überhuberová, J., Hebelka, J. (2019): Cave microclimatology: diurnal variations in aerosol particle concentrations. *Theoretical and Applied Climatology*, 137, 3-4, 2841–2852. doi: 10.1007/s00704-019-02776-1

WoS: IF₂₀₁₈: 2,720; Q2 (31/86) in Meteorology & Atmospheric Sciences; počet citací: 4

Gadas, P., Novák, M., Škoda, R., Cempírek, J., Zachař, A., Flégr, T., Pezzotta, F. (2019): Titanium in tourmalines from granitic pegmatites and their exocontacts. *Canadian Mineralogist*, 57, 5, 745–747. doi: 10.3749/canmin.AB00011

WoS: IF₂₀₁₈: 1,398; Q3 (21/29) in Mineralogy; počet citací: 3

Galliskí, M.Á., Marquez-Zavalía, M.F., **Škoda, R., Novák, M., Čopjaková, R.**, Pagano, D.S. (2019): A Ta, Ti-rich oxide mineral assemblage from the Nancy beryl-columbite-phosphate granitic pegmatite, San Luis, Argentina. *Mineralogy and Petrology*, 113, 5, 687–701. doi: 10.1007/s00710-019-00673-z

WoS: IF₂₀₁₈: 1,573; Q3 (47/84) in Geochemistry & Geophysics; Q3 (17/29) in Mineralogy; počet citací: 3

Georgalis, G.L., **Ivanov, M.**, Villa, A., Roussiakis, S., Skandalos, P., Delfino, M. (2019): Early Miocene herpetofaunas from the Greek localities of Aliveri and Karydia – bridging a gap in the knowledge of amphibians and reptiles from the early Neogene of southeastern Europe. *Historical Biology*. doi: 10.1080/08912963.2017.1417404

WoS: IF₂₀₁₈: 1,489; Q2 (22/57) in Paleontology; počet citací: 27

Georgalis, G.L., Villa, A., **Ivanov, M.**, Vasilyan, D., Delfino, M. (2019): Fossil amphibians and reptiles from the Neogene locality of Maramena (Greece), the most diverse European herpetofauna at the Miocene/Pliocene transition boundary. *Palaeontologia electronica*, 22.3.68. doi: 10.26879/908

WoS: IF₂₀₁₈: 1,366; Q2 (24/57) in Paleontology; počet citací: 47

- Guastoni, A., Secco, L., **Škoda, R.**, Nestola, F., Schiazza, M., **Novák, M.**, Pennacchioni, G. (2019): Non-Metamict Aeschynite-(Y), Polycrase-(Y), and Samarskite-(Y) in NYF Pegmateites from Arvogno, Vigizzo Valley (Central Alps, Italy). *Minerals*, 9, 5, 313. doi: 10.3390/min9050313
WoS: IF₂₀₁₈: 2,250; **Q2** (6/19) in Mining & Mineral Processing; **Q2** (12/29) in Mineralogy; počet citací: 8
- Chroust, M., Mazuch, M., **Luján, Á.H.** (2019): New crocoidian material from the Eocene–Oligocene transition of the NW Bohemia (Czech Republic): an updated fossil record in Central Europe during the Grande Coupure. *Neues Jahrbuch für Geologie und Paläontologie*, 293, 1, 73–82. doi: 10.1127/njgpa/2019/0832
WoS: IF₂₀₁₈: 0,778; **Q4** (46/57) in Paleontology; počet citací: 6
- Chukanov, N.V., Aksenov, S.M., Kasatkin, A.V., **Škoda, R.**, Nestola, F., Nodari, L., Ryanskaya, A.D., Rastsvetaeva, R.K. (2019): 3T polytype of an iron-rich oxyphlogopite from the Bartoy volcanic field, Transbaikalia: Mossbauer, infrared, Raman spectroscopy, and crystal structure. *Physics and Chemistry of Minerals*, 46, 10, 899–908. doi: 10.1007/s00269-019-01049-7
WoS: IF₂₀₁₈: 1,476; **Q3** (210/293) in Materials Science, Multidisciplinary; **Q3** (18/29) in Mineralogy; počet citací: 4
- Ivanov, M.**, Vasilyan, D., Böhme, M., Zazhigin, V.S. (2019): Miocene snakes from northeastern Kazakhstan: new data on the evolution of snake assemblages in Siberia. *Historical Biology*, 31, 10, 1284–1303. doi: 10.1080/08912963.2018.1446086
WoS: IF₂₀₁₈: 1,489; **Q2** (22/57) in Paleontology; počet citací: 6
- Jančová, M., **Štelcl, J.**, Klíma, B., Drozdová, E. (2019): Localised enamel hypoplasia of human primary canines (LHPC) in the Necropolis of Great Moravia in Znojmo-Hradiště (the so called Stronghold of Znojmo, 9th–10th century CE, Czech Republic) and analysis of chemical elements on surface enamel and hypoplastic defect via EDX method. *Anthropologischer Anzeiger*, 76, 2, 129–148. doi: 10.1127/anthranz/2019/0906
WoS: IF₂₀₁₈: 0,577; **Q4** (72/90) in Anthropology; počet citací: 0
- Janoušek, V., Holub, F.V., Verner, K., **Čopjaková, R.**, Gerdes, A., Hora, J.M., Košler, J., Tyrrell, S. (2019): Two-pyroxene syenitoids from the Moldanubian Zone of the Bohemian Massif: peculiar magmas derived from a strongly enriched lithospheric mantle source. *Lithos*, 342–343, 239–262. doi: 10.1016/j.lithos.2019.05.028
WoS: IF₂₀₁₈: 3,913; **Q1** (16/84) in Geochemistry & Geophysics; **Q1** (3/29) in Mineralogy; počet citací: 19
- Jirman, P.**, **Geršlová, E.**, Bubík, M., Sachsenhofer, R.F. (2019): Depositional environment and hydrocarbon potential of the Oligocene Mentilite Formation in the Western Carpathians: A case study from the Loučka section (Czech Republic). *Marine and Petroleum Geology*, 107, 334–350. doi: 10.1016/j.marpetgeo.2019.05.034
WoS: IF₂₀₁₈: 3,538; **Q1** (39/196) in Geosciences, Multidisciplinary; počet citací: 11
- Kalvoda, J.**, **Kumpan, T.**, Qie, W., Frýda, J., **Bábek, O.** (2019): Mercury spikes at the Devonian–Carboniferous boundary in the eastern part of the Rhenohercynian Zone (central Europe) and in the South China Block. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 531, A, 1–12. doi: 10.1016/j.palaeo.2019.05.043
WoS: IF₂₀₁₈: 2,616; **Q1** (4/57) in Paleontology; **Q2** (25/50) in Geography, Physical; **Q2** (70/196) in Geosciences, Multidisciplinary; počet citací: 28
- Kampf, A.R., Alves, P., Kasatkin, A.V., **Škoda, R.** (2019): Jahnsite-(MnMnZn), a new jahnsite-group mineral, and formal approval of the jahnsite group. *European Journal of Mineralogy*, 31, 1, 167–172. doi: 10.1127/ejm/2018/0030-2800
WoS: IF₂₀₁₈: 1,663; **Q3** (16/29) in Mineralogy; počet citací: 9
- Kasatkin, A.V., Camara, F., Chukanov, N.V., **Škoda, R.**, Nestola, F., Agakhanov, A.A., Belakovskiy, D.I., Lednyov, V.S. (2019): Patynite, NaKCa₄[Si₉O₂₃], a New Mineral from the Patynskiy Massif, Southern Siberia, Russia. *Minerals*, 9, 10, 611. doi: 10.3390/min9100611
WoS: IF₂₀₁₈: 2,250; **Q2** (12/29) in Mineralogy; **Q2** (6/19) in Mining & Mineral Processing; počet citací: 3
- Kasatkin, A.V., Makovicky, E., Plášil, J., **Škoda, R.**, Chukanov, N.V., Stepanov, S.Y., Agakhanov, A.A., Nestola, F. (2019): Gladkovskyite, MnTlAs₃S₆, a new thallium sulfosalt from the Vorontsovskoe gold deposit, Northern Urals, Russia. *Journal of Geosciences*, 64, 3, 207–218. doi: 10.3190/jgeosci.290
WoS: IF₂₀₁₈: 1,275; **Q3** (60/84) in Geochemistry & Geophysics; **Q4** (22/29) in Mineralogy; počet citací: 9

- Kočí, T., Šamánek, J., Jaeger, M., Hykš, P. (2019): Tube dwelling polychaetes from the Oxfordian (Late Jurassic) of Hády Quarry at Brno (Moravia, Czech Republic). *Neues Jahrbuch für Geologie und Paläontologie – Abhandlungen*, 294, 3, 311–332. doi: 10.1127/njgpa/2019/0862
WoS: IF₂₀₁₈: 0,778; Q4 (46/57) in Paleontology; počet citací: 8
- Krivovichev, S.V., Panikorovskii, T.L., Zolotarev, A.A., Bocharov, V.N., Kasatkin, A.V., Škoda, R. (2019): Jahn-Teller Distortion and Cation Ordering: The Crystal Structure of Paratooite-(La), a Superstructure of Carbobornite. *Minerals*, 9, 6, 370. doi: 10.3390/min9060370
WoS: IF₂₀₁₈: 2,250; Q2 (6/19) in Mining & Mineral Processing; Q2 (12/29) in Mineralogy; počet citací: 2
- Kumpan, T., Kalvoda, J., Bábek, O., Holá, M., Kanický, V. (2019): Tracing paleoredox conditions across the Devonian-Carboniferous boundary event: A case study from carbonate-dominated settings of Belgium, the Czech Republic, and northern France. *Sedimentary Geology*, 380, 143–157. doi: 10.1016/j.sedgeo.2018.12.003
WoS: IF₂₀₁₈: 3,244; Q1 (9447) in Geology; počet citací: 21
- Luján, Á.H., Ferrandiz-Rovira, M., Torres, C., Bertolero, A. (2019): Intraspecific variation in digit reduction in *Testudo*: the case of the Hermann's tortoise. *Organisms Diversity & Evolution*, 19, 625–635. doi: 10.1007/s13127-019-00413-3
WoS: IF₂₀₁₈: 2,143; Q3 (35/50) in Evolutionary Biology; Q1 (19/170) in Zoology; počet citací: 0
- Luján, Á.H., Chroust, M., Čerňanský, A., Fortuny, J., Mazuch, M., Ivanov, M. (2019): First record of *Diplocynodon ratelii* Pomel, 1847 from the early Miocene site of Tušimice (Most Basin, Northwest Bohemia, Czech Republic). Premier signalement de *Diplocynodon ratelii* Pomel, 1847 dans le site du Miocène inférieur de Tušimice (basin de Most, du Nord-Ouest, République Tchèque). *Comptes Rendus Palevol*, 18, 7, 877–889. doi: 10.1016/j.crpv.2019.04.002
WoS: IF₂₀₁₈: 1,818; Q1 (11/57) in Paleontology; počet citací: 13
- Mauro, D., Biagioni, C., Bonaccorsi, E., Halenius, U., Pasero, M., Skogby, H., Zaccarini, F., Sejkora, J., Plášil, J., Kampf, A.R., Filip, J., Novotný, P., Škoda, R., Witzke, T. (2019): Bohuslavite, Fe³⁺₄(PO₄)₃(SO₄)(OH)(H₂O)₁₀ · nH₂O, a new hydrated iron phosphate-sulfate. *European Journal of Mineralogy*, 31, 5-6, 1033–1046. doi: 10.1127/ejm/2019/0031-2892
WoS: IF₂₀₁₈: 1,663; Q3 (16/29) in Mineralogy; počet citací: 5
- Meisser, N., Plášil, J., Brunspurger, T., Lheur, C., Škoda, R. (2019): Giftgrubeite, CaMn₂Ca₂(AsO₄)₂(AsO₃OH)₂ · 4H₂O, a new member of the hureaulite group from Sainte-Marie-aux-Mines, Haut-Rhin Department, Vosges, France. *Journal of Geosciences*, 64, 1, 73–80. doi: 10.3190/jgeosci.276
WoS: IF₂₀₁₈: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; počet citací: 2
- Mikysek, P., Trojek, T., Mészárosová, N., Adamovič, J., Slobodník, M. (2019): X-ray fluorescence mapping as a first-hand tool in disseminated ore assessment: sandstone-hosted U–Zr mineralization. *Minerals Engineering*, 141, 1–13. doi: 10.1016/j.mineng.2019.105840
WoS: IF₂₀₁₈: 3,315; Q1 (7/29) in Mineralogy; Q1 (3/19) in Mining & Mineral Processing; Q2 (39/138) in Engineering, Chemical; počet citací: 3
- Musil, R., Děkanovský, O., Ivanov, M., Doláková, N., Mrázek, J., Juříčková L., Lundberg, J. (2019): Dagmar Cave (Czech Republic, Moravian Karst), a unique palaeontological site of the Cromerian Interglacial. *Quaternary International*, 504, 56–69. doi: 10.1016/j.quaint.2018.03.029
WoS: IF₂₀₁₈: 1,952; Q3 (30/50) in Geography, Physical; Q3 (104/196) in Geosciences, Multidisciplinary; počet citací: 2
- Nehyba, S., Gilíková, H., Tomanová-Petrová, P., Otava, J., Skácelová, Z. (2019): Evolution of a sedimentary infill of a palaeovalley at a distal margin of the peripheral foreland basin. *Geological Quarterly*, 63, 2, 319–344. doi: 10.7306/gq.1469
WoS: IF₂₀₁₈: 0,759; Q4 (36/46) in Geology; počet citací: 6
- Nehyba, S., Otava, J., Tomanová-Petrová, P., Gazdová, A. (2019): The foreland state at the onset of the flexurally induced transgression: data from provenance analysis at the peripheral Carpathian Foredeep (Czech Republic). *Geologica Carpathica*, 70, 3, 241–260. doi: 10.2478/geoca-2019-0014
WoS: IF₂₀₁₈: 1,699; Q3 (121/196) in Geosciences, Multidisciplinary; počet citací: 1

Němeček, J., Nechanická, M., Špánek, R., Eichler, F., **Zeman, J.**, Černík, M. (2019): Engineered in situ biogeochemical transformation as a secondary treatment following ISCO - A field test. *Chemosphere*, 237, 124460. doi: 10.1016/j.chemosphere.2019.124460

WoS: IF₂₀₁₈: 5,108; **Q1** (32/251) in Environmental Sciences; počet citací: 5

Opletal, V., **Geršlová, E.**, **Nehyba, S.**, Sýkorová, I., **Rez, J.** (2019): Geology and thermal maturity of Namurian deposits in the Němčičky Sub-basin as the South-eastern continuation of the Upper Silesian Coal Basin (Czech Republic). *International Journal of Coal Geology*, 216, 103323. doi: 10.1016/j.coal.2019.103323

WoS: IF₂₀₁₈: 5,330; **Q1** (18/103) in Energy & Fuels; **Q1** (9/196) in Geosciences, Multidisciplinary; počet citací: 0

Petrík, J., Petr, L., **Adameková, K.**, **Přišťáková M.**, Potůčková, A., **Lendřáková, Z.**, Fraczek, M., Dresler, P., Macháček, J., Kalickí, T., **Lisá, L.** (2019): Disruption in an alluvial landscape: settlement and environment dynamics in the Alluvium of the river Dyje at the Pohansko archaeological site (Czech Republic). *Quaternary International*, 511, 124–139. doi: 10.1016/j.quaint.2018.04.013

WoS: IF₂₀₁₈: 1,952; **Q3** (30/50) in Geography, Physical; **Q3** (104/196) in Geosciences, Multidisciplinary; počet citací: 9

Plášil, J., Kampf, A.R., **Škoda, R.**, Čejka, J. (2019): Vandermeerscheite, a new uranyl vanadate related to carnotite, from Eifel, Germany. *Journal of Geosciences*, 64, 3, 219–227. doi: 10.3190/jgeosci.288

WoS: IF₂₀₁₈: 1,275; **Q3** (60/84) in Geochemistry & Geophysics; **Q4** (22/29) in Mineralogy; počet citací: 3

Pracný, P., **Faimon, J.**, **Všianský, D.**, **Přichystal, A.** (2019): Evolution of Mg/Ca ratios during the experimental dissolution of limestone. *Chemical Geology*, 523, 107–120. doi: 10.1016/j.chemgeo.2019.05.040

WoS: IF₂₀₁₈: 3,618; **Q1** (19/84) in Geochemistry & Geophysics; počet citací: 9

Přichystal, A., Burgert, P., **Gadas, P.** (2019): Marble from Neolithic quarries at the Bílý Kámen Hill near Sázava (Czech Republic) and its petrographic-geochemical Characterization. *Geological Quarterly*, 63, 4, 811–821. doi: 10.7306/gq.1503

WoS: IF₂₀₁₈: 0,759; **Q4** (36/47) in Geology; počet citací: 4

Raška, P., **Pokorný, R.**, **Krmíček, L.**, **Kuboušková, S.**, Mortensen, L. (2019): Basaltic Dyke with Specific Volcanogenic Structures and its Geomorphic Evolution: Unique Geoheritage of the Faroe Islands (North Atlantic Ocean). *Geoheritage*, 11, 2, 417–426. doi: 10.1007/s12371-018-0296-x

WoS: IF₂₀₁₈: 2,597; **Q2** (71/196) in Geosciences, Multidisciplinary; počet citací: 3

Reissner, C.E., Bismayer, U., Kern, D., Reissner, M., Park, S., Zhang, J.M., Ewing, R.C., Shelyug, A., Navrotsky, A., Paulmann, C., **Škoda, R.**, Groat, L.A., Poelmann, H., Beirau, T. (2019): Mechanical and structural properties of radiation-damaged allanite-(Ce) and the effects of thermal annealing. *Physics and Chemistry of Minerals*, 46, 10, 921–933. doi: 10.1007/s00269-019-01051-z

WoS: IF₂₀₁₈: 1,476; **Q3** (210/293) in Materials Science, Multidisciplinary; **Q3** (18/29) in Mineralogy; počet citací: 11

Scheiner, F., Holcová, K., Milovský, R., **Doláková, N.**, Rigová, J. (2019): Response of benthic foraminiferal communities to changes in productivity and watermass conditions in the epicontinental Paratethys during the middle Miocene. *Marine Micropaleontology*, 151, UNSP 101750. doi: 10.1016/j.marmicro.2019.101750

WoS: IF₂₀₁₈: 2,663; **Q1** (2/57) in Paleontology; počet citací: 8

Szuskiewicz, A., Pieczka, A., **Gadas, P.**, Vašinová-Galiová, M., Szelug, E., Golebiowska, B., Galušková, D. (2019): First occurrence of Mn-dominant cordierite-group mineral: electron microprobe and laser ablation ICP-MS. *Canadian Mineralogist*, 57, 5, 807–810. doi: 10.3749/canmin.AB00027

WoS: IF₂₀₁₈: 1,398; **Q3** (21/29) in Mineralogy; počet citací: 1

Štubňa, J., Bačík, P., Fridrichová, J., Hanus, R., Illášová, L., Milovská, S., **Škoda, R.**, Vaculovič, T. (2019): Gem-Quality Green Cr-Bearing Andradite (var. Demantoid) from Dobšiná, Slovakia. *Minerals*, 9, 3, 164. doi: 10.3390/min9030164

WoS: IF₂₀₁₈: 2,250; **Q2** (29/84) in Geochemistry & Geophysics; počet citací: 10

Tanda, S., **Ličbinský, R.**, Hegrová, J., **Faimon, J.**, Goessler, W. (2019): Arsenic speciation in aerosols of a respiratory therapeutic cave: A first approach to study arsenicals in ultrafine particles. *Science of the Total Environment*, 651, 2, 1839–1848. doi: 10.1016/j.scitotenv.2018.10.102

WoS: IF₂₀₁₈: 5,589; **Q1** (27/250) in Environmental Sciences; počet citací: 15

Tocháček, J., Láska, K., Bálková, R., **Krmíček, L.**, Merna, J., Tupý, M., Kapler, P., Poláček, P., Čížková, K., Buráň, Z. (2019): Polymer weathering in Antarctica. *Polymer Testing*, 77, 105898. doi: 10.1016/j.polymertesting.2019.105898

WoS: IF₂₀₁₈: 2,943; **Q1** (20/87) in Polymer Science; **Q1** (5/33) in Materials Science, Characterization & Testing; počet citací: 4

Villa, A., Delfino, M., **Luján, Á.H.**, Almécija, S., Alba, D.M. (2019): First record of *Latonia gigantea* (Anura, Alytidae) from the Iberian Peninsula. *Historical Biology*, 31, 3, 371–382. doi: 10.1080/08912963.2017.1371712

WoS: IF₂₀₁₈: 1,489; **Q2** (22/57) in Paleontology; počet citací: 9

Villa, A., Kirchner, M., Alba, D.M. Bernardini, F., Bolet, A., **Luján, Á.H.**, Fortuny, J., Hipsley, C.A, Muller, J., Sindaco, R., Tuniz, C., Delfino, M. (2019): Comparative cranial osteology of *Blanus* (Squamata: Amphisbaenia). *Zoological Journal of the Linnean Society*, 185, 3, 693–716. doi: 10.1093/zoolinnean/zly082

WoS: IF₂₀₁₈: 2,909; **Q1** (10/170) in Zoology; počet citací: 11

Vöröš, D., **Geršlová, E.**, Nývlt, D., Geršl, M., Kuta, J. (2019): Assessment of geogenic input into Bílina stream sediments (Czech Republic). *Environmental Monitoring and Assessment*, 191, 2, 114–125. doi: 10.1007/s10661-019-7255-0

WoS: IF₂₀₁₈: 1,959; **Q3** (142/250) in Environmental Sciences; počet citací: 5

Vrána, S., Mrlina, J., **Škoda, R.**, Halodová, P. (2019): Zalužany - a circular structure in the Czech Republic accompanied by glass of granodiorite composition. *Journal of Geosciences*, 64, 1, 3–18. doi: 10.3190/jgeosci.281

WoS: IF₂₀₁₈: 1,275; **Q3** (60/84) in Geochemistry & Geophysics; **Q4** (22/29) in Mineralogy; počet citací: 0

Všianský, D., Dvořák, K., Bureš, J., **Slaviček, K.** (2019): Relationship between microstructure of carbonate rocks, calcite crystallinity and decarbonization process during lime burning. *Cement Wapno Beton*, 24, 1, 2–9. doi: neuvedeno

WoS: IF₂₀₁₈: 0,476; **Q4** (25/25) in Materials Science, Composites; **Q4** (56/63) in Construction & Building Technology; počet citací: 1

Všianský, D., Ozbal, R., **Gregerová, M.**, Kynický, J. (2019): Interregional contacts in the Halaf Period: archaeometric analyses of pottery from Tell Kurdu, Turkey. *Archaeological and Anthropological Sciences*, 11, 4, 1199–1219. doi: 10.1007/s12520-018-0597-7

WoS: IF₂₀₁₈: 1,978; **Q3** (100/196) in Geosciences, Multidisciplinary; počet citací: 3

2018 (celkem 65 článků, 20 studentů spoluautorů – červeně)

Abd El Monsef, M., **Slobodník, M.**, Salem, I.A. (2018): Hydrothermal evolution of granitoid-hosted gold mineralization in gidami area: An example for orogenic-gold deposits in Egypt. *Journal of African Earth Sciences*, 146, 132–149. doi: 10.1016/j.jafrearsci.2018.04.007

WoS: IF₂₀₁₇: 1,532; **Q3** (122/190) in Geosciences, Multidisciplinary; počet citací: 12

Abd El Monsef, M., Salem, I., **Slobodník, M.**, Ragab, A. (2018): Fluid evolution of Au-Cu zones in Urn Balad area North Eastern Desert of Egypt: Implication from mineral chemistry and fluid inclusions. *Journal of African Earth Sciences*, 143, 321–338. doi: 10.1016/j.afrearsci.2018.03.031

WoS: IF₂₀₁₇: 1,532; **Q3** (122/190) in Geosciences, Multidisciplinary; počet citací: 6

Alba, D.M., Casanovas-Vilar, I., Furió, M., García-Paredes, I., Angelone, C., Jovells Vaqué, S., **Luján, Á.H.**, Almécija, S., Moya-Sola, S. (2018): Can Pallars i Llobateres: A new hominoid-bearing locality from the late Miocene of the Vallés-enedés Basin (NE Iberian Peninsula). *Journal of Human Evolution*, 121, 193–203. doi: 10.1016/j.jhevol.2018.04.008

WoS: IF₂₀₁₇: 3,992; **Q2** (13/149) in Evolutionary Biology; počet citací: 8

- Bábek, O.**, Faměra, M., Hladil, J., Kapusta, J., **Weinerová, H.**, Šimíček, D., Slavík, L., Ďurišová, J. (2018): Origin of red pelagic carbonates as an interplay of global climate and local basin factors: Insight from the Lower Devonian of the Prague Basin, Czech Republic. *Sedimentary Geology*, 364, 71–88. doi: 10.1016/j.sedge.2017.12.007
WoS: IF₂₀₁₇: 2,575; **Q1** (4/47) in Geology; počet citací: 17
- Bábek, O.**, Faměra, M., Šimíček, D., **Weinerová, H.**, Hladil, J., **Kalvoda, J.** (2018): Sea-level changes vs. Organic productivity as controls on Early and Middle Devonian bioevents: Facies- and gamma-ray based sequence-stratigraphic correlation of the Prague Basin, Czech Republic. *Global and Planetary Change*, 160, 75–95. doi: 10.1016/j.gloplacha.2017.11.009
WoS: IF₂₀₁₇: 3,982; **Q1** (8/49) in Geography, Physical; **Q1** (20/190) in Geosciences, Multidisciplinary; počet citací: 25
- Blahut, J., Baroň, I., **Sokol, L'.**, Meletlidis, S., Klimeš, J., Rowberry, M., **Melichar, R.**, García-Canada, L., Martí, X. (2018): Large landslide stress states calculated during extreme climatic and tectonic events on El Hierro, Canary Islands. *Landslides*, 15, 9, 1801–1814. doi: 10.1007/s10346-018-0993-1
WoS: IF₂₀₁₇: 3,811; **Q1** (1/36) in Engineering, Geological; **Q1** (25/190) in Geosciences, Multidisciplinary; počet citací: 8
- Bořilová, Š., Mandl, M., **Zeman, J.**, Kučera, J. (2018): Can Sulfate Be the First Dominant Aqueous Sulfur Species Formed in the Oxidation of Pyrite by Acidithiobacillus ferrooxidans? *Frontiers in Microbiology*, 9, 3134. doi: 10.3389/fmicb.2018.03134
WoS: IF₂₀₁₇: 4,019; **Q2** (32/123) in Microbiology; počet citací: 12
- Brzobohatý, R.**, Nolf, D. (2018): Revision of the Middle Badenian fish otoliths from the Carpathian Foredeep in Moravia (Middle Miocene, Czech Republic). *Cybium*, 42, 2, 143–167. doi: neuvedeno
WoS: IF₂₀₁₇: 0,346; **Q4** (156/167) in Zoology; počet citací: 8
- Buřival, Z.**, **Novák, M.** (2018): Secondary blue tourmaline after garnet from elbaite-subtype pegmatites; implications for source and behavior of Ca and Mg in fluids. *Journal of Geosciences*, 63, 2, 111–122. doi: 10.3190/jgeosci.257
WoS: IF₂₀₁₇: 1,415; **Q3** (18/29) in Mineralogy; **Q3** (53/85) in Geochemistry & Geophysics; počet citací: 8
- Cempírek, J.**, **Novák, M.** (2018): Foreword to the special issue arising from the international conference “Tourmaline 2017”. *Journal of Geosciences*, 63, 2, 75–76. doi: 10.3190/jgeosci.265
WoS: IF₂₀₁₇: 1,415; **Q3** (18/29) in Mineralogy; **Q3** (53/85) in Geochemistry & Geophysics; počet citací: 0
- Coufalík, P., **Krmíček, L.**, Zvěřina, O., Meszarosová, N., Hladil, J., Komárek, J. (2018): Model of Mercury Flux Associated with Volcanic Activity. *Bulletin of Environmental Contamination and Toxicology*, 101, 5, 549–553. doi: 10.1007/s00128-018-2430-5
WoS: IF₂₀₁₇: 1,480; **Q3** (157/242) in Environmental Sciences; **Q4** (80/94) in Toxicology; počet citací: 9
- Coufalík, P., **Krmíček, L.**, Zvěřina, O., Meszarosová, N., Hladil, J., Komárek, J. (2018): Model of Mercury Flux Associated with Volcanic Activity (vol 101, pg 549, 2018). *Bulletin of Environmental Contamination and Toxicology*, 101, 5, 554–555. doi: 10.1007/s00128-018-2457-7
WoS: IF₂₀₁₇: 1,480; **Q3** (157/242) in Environmental Sciences; **Q4** (80/94) in Toxicology; počet citací: 3
- Čopjaková, R.**, **Kotková, J.** (2018): Composition of barian mica in multiphase solid inclusions from orogenic garnet peridotites as evidence of mantle metasomatism in a subduction zone setting. *Contributions to Mineralogy and Petrology*, 173, 106. doi: 10.1007/s00410-018-1534-6
WoS: IF₂₀₁₇: 3,626; **Q1** (6/29) in Mineralogy; **Q1** (17/85) in Geochemistry & Geophysics; počet citací: 9
- El Osta, M., Hussein, H., **Kuchovský, T.** (2018): Numerical Simulation of Groundwater Flow and Vulnerability in Wadi El-Natron Depression and Vicinities, West Nile Delta, Egypt. *Journal of the Geological Society of India*, 92, 2, 235–247. doi: 10.1007/s12594-019-1131-y
WoS: IF₂₀₁₇: 0,632; **Q4** (178/190) in Geosciences, Multidisciplinary; počet citací: 11
- Evans, R.J., Groat, L.A., **Cempírek, J.**, **Škoda, R.**, Grew, E.S., Bernard, C. (2018): The crystal chemistry of the sakhaitite-harkerite solid solution. *American Mineralogist*, 103, 11, 1749–1760. doi: 10.2138/am-2018-6563
WoS: IF₂₀₁₇: 2,645; **Q2** (33/85) in Geochemistry & Geophysics; **Q2** (10/29) in Mineralogy; počet citací: 1

- Faimon, J., Lang, M.** (2018): What actually controls the minute to hour changes in soil carbon dioxide concentrations? *Geoderma*, 323, 52–64. doi: 10.1016/j.geoderma.2018.02.048
WoS: IF₂₀₁₇: 3,740; **Q1** (5/34) in Soil Science; počet citací: 12
- Frýbort, A., **Všianský, D.**, Štulířová, J., Stryk, J., **Gregerová, M.** (2018): Variations in the composition and relations between alkali-silica gels and calcium silicate hydrates in highway concrete. *Materials Characterization*, 137, 91–108. doi: 10.1016/j.matchar.2018.01.012
WoS: IF₂₀₁₇: 2,892; **Q2** (89/285) in Materials Science, Multidisciplinary; **Q1** (10/75) in Metallurgy & Metallurgical Engineering; **Q1** (3/33) in Materials Science, Characterization & Testing; počet citací: 12
- Frýbová, P., Gadas, P., Přichystal, A., Všianský, D.,** Hadacz, R., Hlavsa, P. (2018): The provenance of serpentinite tools in the Corded Ware culture of Moravia (Czech Republic). *Geological Quarterly*, 62, 3, 563–578. doi: 10.7306/gq.1437
WoS: IF₂₀₁₇: 1,128; **Q3** (26/47) in Geology; počet citací: 0
- Galliski, M.A., London, D., **Novák, M.,** Martin, R.F. (2018): Granitic Pegmatites and their minerals: a tribute to Petr Černý preface. *Canadian Mineralogist*, 56, 5, 849–852. doi: 10.3749/canmin.50.6.4.777
WoS: IF₂₀₁₇: 0,945; **Q4** (25/29) in Mineralogy; počet citací: 0
- Galliski, M.A., London, D., **Novák, M.,** Martin, R.F. (2018): Granitic Pegmatites and their minerals: a second tribute to Petr Černý preface. *Canadian Mineralogist*, 56, 5, 853–856. doi: 10.3749/canmin.50.6.1441
WoS: IF₂₀₁₇: 0,945; **Q4** (25/29) in Mineralogy; počet citací: 0
- Hanáček, M.,** Nývlt, D., Skácelová, Z., **Nehyba, S.,** Procházková, B., Engel, Z. (2018): Sedimentary evidence for an ice-sheet dammed lake in a mountain valley of the Eastern Sudetes, Czechia. *Acta Geologica Polonica*, 68, 1, 107–134. doi: 10.1515/agp-2017-0032
WoS: IF₂₀₁₇: 1,085; **Q3** (27/47) in Geology; počet citací: 8
- Holcová, K., **Doláková, N., Nehyba, S.,** Vacek, F. (2018): Timing of Langhian bioevents in the Carpathian Foredeep and north ern Pannonian Basin in relation to oceanographic, tectonic and climatic processes. *Geological Quarterly*, 62, 1, 3–17. doi: 10.7306/gq.1399
WoS: IF₂₀₁₇: 1,128; **Q3** (26/47) in Geology; počet citací: 21
- Hurai, V., Huraiová, M., Gajdošová, M., Konečný, P., **Slobodník, M.,** Siegrid, P.R. (2018): Compositional variations of zirconolite from the Evate apatite deposit (Mozambique) as an indicator of magmatic-hydrothermal conditions during post-orogenic collapse of Gondwana. *Mineralogy and Petrology*, 112, 3, 279–296. doi: 10.1007/s00710-017-0538-7
WoS: IF₂₀₁₇: 1,664; **Q3** (46/85) in Geochemistry & Geophysics; **Q3** (17/29) in Mineralogy; počet citací: 10
- Ivanov, M.,** Ruta, M., Klembara, J., Böhme, M. (2018): A new species of *Varanus* (Anguimorpha: Varanidae) from the early Miocene of the Czech Republic, and its relationships and palaeoecology. *Journal of Systematic Palaeontology*, 16, 9, 767–797. doi: 10.1080/14772019.2017.1355338
WoS: IF₂₀₁₇: 2,326; **Q1** (6/56) in Paleontology; **Q3** (31/49) in Evolutionary Biology; počet citací: 26
- Jirman, P., Geršlová, E.,** Pupp, M., Bubík, M. (2018): Geochemical characteristics, thermal maturity and source rock potential of the Oligocene Šitbořice Member of the Menilite Formation in the Ždánice Unit (Czech Republic). *Geological Quarterly*, 62, 4, 858–872. doi: 10.7306/gq.1447
WoS: IF₂₀₁₇: 1,128; **Q3** (26/47) in Geology; počet citací: 5
- Jirman, P., Geršlová, E., Kalvoda, J., Melichar, R.** (2018): 2D Basin Modelling in the Eastern Variscan Fold Belt (Czech Republic): Influence of Thrusting on Patterns of Thermal Maturation. *Journal of Petroleum Geology*, 41, 2, 175–188. doi: 10.1111/jpg.12699
WoS: IF₂₀₁₇: 1,872; **Q3** (99/189) in Geosciences, Multidisciplinary; počet citací: 8

Kalasová, D., Dvořák, K., **Slobodník, M.**, **Všianský, D.**, Zikmund, T., Dluhoš, J., Váňa, R., Bureš, J., Kaiser, J. (2018): Characterization of inner structure of Limestone by X-ary computed sub-micron tomography. *Construction and Building Materials*, 174, 693–700. doi: 10.1016/j.conbuildmat.2018.04.142

WoS: IF₂₀₁₇: 3,485; **Q1** (9/63) in Construction & Building Technology; **Q1** (9/132) in Engineering, Civil; **Q1** (70/293) in Materials Science, Multidisciplinary; počet citací: 6

Kalvoda, J., **Kumpan, T.**, Holá, M., **Bábek, O.**, Kanický, V., **Škoda, R.** (2018): Fine-scale LA-ICP-MS study of redox Oscillations and REEY cycling during the latest Devonian Hangenberg Crisis (Moravian Karst, Czech Republic). *Palaeogeography Palaeoclimatology Palaeoecology*, 493, 30–43. doi: 10.1016/j.palaeo.2017.12.034

WoS: IF₂₀₁₇: 2,375; **Q2** (23/49) in Geography, Physical; **Q2** (71/190) in Geosciences, Multidisciplinary; **Q1** (5/56) in Paleontology; počet citací: 15

Kasatkin, A.V., Nestola, F., Agakhanov, A.A., **Škoda, R.**, Karpenko, V.Y., Tsyganko, M.V., Plášil, J. (2018): Vorontsovite, (Hg₅Cu)_{Σ6}TlAs₄S₁₂, and Ferrovorontsovite, (Fe₅Cu)_{Σ6}TlAs₄S₁₂: The T- and Tl-Fe-Analogues of Galkhaite from the Vorontsovskoe Gold Deposit, Northern Urals, Russia. *Minerals*, 8, 5, 185. doi: 10.3390/min8050185

WoS: IF₂₀₁₇: 1,835; **Q2** (7/20) in Mining & Mineral Processing; **Q2** (13/29) in Mineralogy; počet citací: 9

Kasatkin, A.V., Makovicky, E., Plášil, J., **Škoda, R.**, Agakhanov, A.A., Karpenko, V.Y., Nestola, F. (2018): Tsygankoite, Mn₈Tl₈Hg₂(Sb₂₁Pb₂Tl)_{Σ24}S₄₈, a New Sulfosalt from the Vorontsovskoe Gold Deposit, Northern Urals, Russia. *Minerals*, 8, 5, 218. doi: 10.3390/min8050218

WoS: IF₂₀₁₇: 1,835; **Q2** (7/20) in Mining & Mineral Processing; **Q2** (13/29) in Mineralogy; počet citací: 7

Kasatkin, A.V., Plášil, J., **Škoda, R.**, Belakovskiy, D.I., Marty, J., Meisser, N., Pekov, I.V. (2018): Redefinition of thérèsemagnanite, NaCO₄(SO₄)(OH)₆Cl · 6H₂O: new data and relationship to 'cobaltogordaite'. *Mineralogical Magazine*, 82, 1, 159–170. doi: 10.1180/minmag.2017.081.030

WoS: IF₂₀₁₇: 1,744; **Q3** (15/29) in Mineralogy; počet citací: 3

Kopecká, J., Holcová, K., **Nehyba, S.**, Hladilová, Š., **Brzobohatý, R.**, Bitner, M.A. (2018): The earliest Badenian Planostegina bloom deposit: reflection of an unusual environment in the westernmost Carpathian Foredeep (Czech Republic). *Geological Quarterly*, 62, 1, 18–37. doi: 10.7306/gq.1398

WoS: IF₂₀₁₇: 1,128; **Q3** (26/47) in Geology; počet citací: 7

Krátký, O., Rapprich, V., Racek, M., Míková, J., Magna, T. (2018): On the Chemical Composition and Possible Origin of Na-Cr-Rich Clinopyroxene in Silicocarbonatites from Samalpatti, Tamil Nadu, South India. *Minerals*, 8, 8, 355. doi: 10.3390/min8080355

WoS: IF₂₀₁₇: 1,835; **Q2** (13/29) in Mineralogy; **Q2** (7/20) in Mining & Mineral Processing; počet citací: 6

Loun, J., **Novák, M.**, **Cempírek, J.**, **Škoda, R.**, Vašinová Galiová, M., Prokeš, L., Dosbaba, M., **Čopjaková, R.** (2018): Geochemistry and secondary alterations of microlite from alluvial deposits in the Numbi area, S. Kivu, Democratic Republic of the Congo. *Canadian Mineralogist*, 56, 2, 203–220. doi: 10.3749/canmin.1700091

WoS: IF₂₀₁₇: 0,945; **Q4** (25/29) in Mineralogy; počet citací: 5

Mészáros, N., Skála, R., Matoušková, Š., **Mikysek, P.**, Plášil, J., Císařová, I. (2018): Hydrothermal-to-metasomatic overprint of the neovolcanic rocks evidenced by composite apatite crystals: a case study from the Maglovec Hill, Slanske vrchy Mountains, Slovakia. *Geologica Carpathica*, 69, 5, 439–452. doi: 10.1515/geoca-2018-0025

WoS: IF₂₀₁₇: 1,169; **Q4** (147/190) in Geosciences, Multidisciplinary; počet citací: 2

Nehyba, S. (2018): Lower Badenian coarse-grained Gilbert deltas in the southern margin of the Western Carpathian Foredeep basin. *Geologica Carpathica*, 69, 1, 89–113. doi: 10.1515/geoca-2018-0006

WoS: IF₂₀₁₇: 1,169; **Q4** (147/190) in Geosciences, Multidisciplinary; počet citací: 7

Nejman, L., **Lisá, L.**, **Doláková, N.**, Horáček, I., Bajer, A., Novák, J., Wright, D., Sullivan, M., Wood, R., Gargett, R.H., Pacher, M., Sázelová, S., Nývltová Fišáková, M., Rohovec, J., Králík, M. (2018): Cave deposits as a sedimentary trap for the Marine Isotope Stage 3 environmental record: The case study of Pod Hradem, Czech Republic. *Palaeogeography Palaeoclimatology Palaeoecology*, 497, 201–217. doi: 10.1016/j.palaeo.2018.02.020

WoS: IF₂₀₁₇: 2,375; **Q2** (23/49) in Geography, Physical; **Q2** (71/190) in Geosciences, Multidisciplinary; **Q1** (5/56) in Paleontology; počet citací: 7

- Novák, M.,** Chládek, Š., Uher, P., **Gadas, P.** (2018): Complex magmatic and subsolidus compositional trends of columbite–tantanite in the beryl–columbite Šejby granitic pegmatite, Czech Republic: role of crystal-structural constraints and associated minerals. *Journal of Geosciences*, 63, 253–263. doi: 10.3190/jgeosci.269
WoS: IF₂₀₁₇: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 4
- Ondrejka, M., Bačík, P., Sobocký, T., Uher, P., **Škoda, R.,** Mikuš, T., Luptáková, J., Konečný, P. (2018): Minerals of the rhabdophane group and the alunite supergroup in microgranite: products of low-temperature alteration in a highly acidic environment from the Velence Hills, Hungary. *Mineralogical Magazine*, 82, 6, 1277–1300. doi: 10.1180/mgm.2019.13
WoS: IF₂₀₁₇: 1,744; Q3 (15/29) in Mineralogy; počet citací: 10
- Petřík, J.,** Prokeš, L., **Všianský, D.,** Salaš, M., Nikolajev, P. (2018): Organization of ceramic production at a fortified Early Bronze Age settlement in Moravia (Czech Republic) inferred from minimally destructive archaeometry. *Archaeological and Anthropological Sciences*, 10, 3, 697–709. doi: 10.1007/s12520-016-0370-8
WoS: IF₂₀₁₇: 2,414; Q2 (69/190) in Geosciences, Multidisciplinary; počet citací: 3
- Petřík, J.,** Sosna, D., Prokeš, L., Štefanisko, D., Galeta, P. (2018): Shape matters: assessing regional variation of Bell Beaker projectile points in Central Europe using geometric morphometrics. *Archaeological and Anthropological Sciences*, 10, 4, 893–904. doi: 10.1007/s12520-016-0423-7
WoS: IF₂₀₁₇: 5,414; Q2 (69/190) in Geosciences, Multidisciplinary; počet citací: 13
- Plášil, J., Petříček, V., Locock, A.J., **Škoda, R.,** Burns, P.C. (2018): The (3+3) commensurately modulated structure of the uranyl silicate mineral swamboite-(Nd), Nd_{0.333}[(UO₂)(SiO₃OH)](H₂O)_{2.41}. *Zeitschrift für Kristallographie-Crystalline Materials*, 233, 3-4, 223–231. doi: 10.1515/zkri-2017-2119
WoS: IF₂₀₁₇: 1,263, Q3 (18/26) in Crystallography; počet citací: 5
- Plášil, J., Kampf, A.R., **Škoda, R.,** Čejka, J. (2018): Nollmotzite, Mg[U^V(U^{VI}O₂)₂O₄F₃] · 4H₂O, the first natural uranium oxide containing fluorine. *Acta Crystallographica Section B – Structural Science crystal Engineering and Materials*, B74, 362–369. doi: 10.1107/S2052520618007321
WoS: IF₂₀₁₇: 6,467; Q1 (27/171) in Chemistry, Multidisciplinary; Q1 (4/26) in Crystallography; počet citací: 7
- Plášil, J., Kampf, A.R., Sejkora, S., Čejka, J., **Škoda, R.,** Tvrđý J. (2018): Horakite, a new hydrated bismuth uranyl-arsenate-phosphate mineral from Jáchymov (Czech Republic) with a unique uranyl-anion topology. *Journal of Geosciences*, 63, 3, 265–276. doi: 10.3190/jgeosci.267
WoS: IF₂₀₁₇: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 3
- Pokorný, R., Edwards, K.J., **Krmíček, L.,** Všianský, D., Dáňová, P.V. (2018): Late Holocene soil processes and the first evidence for ferruginous rhizoconcretions in cool subpolar environments of the Faroe Islands. *Geografiska Annaler: Series A - Physical Geography*, 100, 3, 272–284. doi: 10.1080/0435367.2018.1463142
WoS: IF₂₀₁₇: 1,616; Q3 (35/49) in Geography, Physical; Q2 (17/47) in Geology; počet citací: 1
- Pokorný, R., Koutecký, V., Björck, S., **Krmíček, L.,** Árting, U.E., Štofík, M. (2018): Driftwood in the Eemian interglacial lacustrine unit from the Faroe Islands and its possible source areas: palaeobotanical and ichnological analysis. *Boreas*, 47, 4, 1230–1243. doi: 10.1111/bor.12332
WoS: IF₂₀₁₇: 2,638; Q2 (21/49) in Geography, Physical; Q2 (59/190) in Geosciences, Multidisciplinary; počet citací: 1
- Rak, Š., Broda, K., **Kumpan, T.** (2018): First Carboniferous thylacocephalan from Europe and its significance for the understanding of functional morphology of Concavacarididae Schram, 2014. *Crustaceana*, 91, 3, 265–285. doi: 10.1163/15685403-00003771
WoS: IF₂₀₁₇: 0,517; Q4 (95/106) in Marine & Freshwater Biology; počet citací: 5
- Raschke, M.B., Anderson, E.J.D., Van Fosson, J., Allaz, J.M., Smyth, J.R., **Škoda, R.,** Persson, P.M., Becker, R. (2018): Rare-earth crystal chemistry of thalenite-(Y) from different environments. *Mineralogical Magazine*, 82, 2, 313–327. doi: 10.1180/minmag.2017.081.044
WoS: IF₂₀₁₇: 1,744; Q3 (15/29) in Mineralogy; počet citací: 2

- Říčka, A., Kuchovský, T.,** Damdindorj, B., Fűrých, V., Kopřiva, A., Puntsag, K. (2018): Identifying the flow pattern and natural recharge at a strategic groundwater resource in the Dornogobi Province, Mongolia. *Hydrological Sciences Journal*. doi: 10.1080/02626667.2018.1511053
WoS: IF₂₀₁₇: 2,061; **Q2** (36/90) in Water Resources; počet citací: 0
- Scribner, E.D., Groat, L.A., **Cempírek, J.** (2018): Mineralogy of Ti-bearing, Al-deficient tourmaline assemblages associated with lamprophyre dikes near the O'Grady Batholith, Northwest Territories, Canada. *Journal of Geosciences*, 63, 2, 123–135. doi: 10.3190/jgeosci.259
WoS: IF₂₀₁₇: 1,415; **Q3** (18/29) in Mineralogy; **Q3** (53/85) in Geochemistry & Geophysics; počet citací: 6
- Sokol, L., Melichar, R.,** Baroň, I. (2018): Present-day stress inversion from a single near-surface fault: A novel mathematical approach. *Journal of Structural Geology*, 117, 163–167. doi: 10.1016/j.jsg.2018.09.013
WoS: IF₂₀₁₇: 2,622; **Q2** (61/190) in Geosciences, Multidisciplinary; počet citací: 7
- Svoboda, J., Pokorný, P., Horáček, I., Sázellová, S., Abrahám, V., Divišová, M., **Ivanov, M.,** Kozáková, R., Novák, J., Novák, M., Šída, P., Perri, A.R. (2018): Late Glacial and Holocene sequences in rockshelters and adjacent wetlands of Northern Bohemia, Czech Republic: Correlation of environmental and archaeological records. *Quaternary International*, 465, Part B, 234–250. doi: 10.1016/j.quaint.2017.05.009
WoS: IF₂₀₁₇: 2,163; **Q3** (29/49) in Geography, Physical; **Q2** (85/190) in Geosciences, Multidisciplinary; počet citací: 17
- Škoda, R.,** Plášil, J., **Čopjaková, R.,** Novák, M., Jonsson, E. Vašinová Galiová, M., Holtstam, D. (2018): Gadolinite-(Nd), a new member of the gadolinite supergroup from Fe-REE deposit of Bastnäs-type, Sweden. *Mineralogical Magazine*, 82, 133–145. doi: 10.1180/minmag.2017.081.047
WoS: IF₂₀₁₇: 1,744; **Q3** (15/29) in Mineralogy; počet citací: 17
- Škoda, R.,** Vignola, P., Muller, A., Groat, L.A. (2018): A tribute to Milan Novák. *Canadian Mineralogist*, 56, 4, 357–363. doi: 10.3749/canmin.INT007
WoS: IF₂₀₁₇: 0,945; **Q4** (25/29) in Mineralogy; počet citací: 0
- Šolcová, A., Petr, L., Hájková, P., **Petřík, J.,** Tóth, P., Rohovec, J., Bátora, J., Horsák, M. (2018): Early and middle Holocene ecosystem changes at the Western Carpathian/Pannonian border riven by climate and Neolithic impact. *Boreas*, 47, 3, 897–909. doi: 10.1111/bor.12309
WoS: IF₂₀₁₇: 2,638; **Q2** (21/49) in Geography, Physical; **Q2** (59/190) in Geosciences, Multidisciplinary; počet citací: 15
- Števkó, M., Sejkora, J., Uher, P., Cámara, F., **Škoda, R.,** Vaculovič, T. (2018): Fluorarrojadite-(BaNa), BaNa₄CaFe₁₃Al(PO₄)₁₁(PO₃OH)F₂, a new member of the arrojadite group from Gemerská Poloma, Slovakia. *Mineralogical magazine*, 82, 4, 863–876. doi: 10.1180/minmag.2017.081.066
WoS: IF₂₀₁₇: 1,744; **Q3** (15/29) in Mineralogy; počet citací: 7
- Toman, J., Novák, M.** (2018): Textural Relations and Chemical Composition of Minerals from a Pollucite + Harmotome + Chabazite Nodule in the Věžná I Pegmatite, Czech Republic. *Canadian Mineralogist*, 56, 4, 375–392. doi: 10.3749/canmin.1800014
WoS: IF₂₀₁₇: 0,945; **Q4** (25/29) in Mineralogy; počet citací: 5
- Ulrych, J., **Krmíček, L.,** Teschner, C., Skála, R., Adamovič, J., Ďurišová, J., Křížová, Š., **Kuboušková, S.,** Radoň, M. (2018): Chemistry and Sr–Nd isotope signature of amphiboles of the magnesio-hastingsite-pargasite-kaersutite series in Cenozoic volcanic rocks: Insight into lithospheric mantle beneath the Bohemian Massif. *Lithos*, 312–313, 308–321. doi: 10.1016/j.lithos.2018.05.017
WoS: IF₂₀₁₇: 3,857; **Q1** (4/29) in Mineralogy; **Q1** (14/85) in Geochemistry & Geophysics; počet citací: 20
- Villa, A., Abella, J., Alba, D.M., Almécija, S., Bolet, A., Koufos, G.B., Knoll, F., **Luján, Á.H.,** Morales, J., Robles, J.M., Sánchez, I.M., Delfino, M. (2018): Revision of *Varanus marathonsensis* (Squamata, Varanidae) based on historical and new material: morphology, systematics, and palaeobiogeography of the European monitor lizards. *PLoS One*, 13, 12, e0207719. doi: 10.1371/Journal.pone.0207719
WoS: IF₂₀₁₇: 2,766; **Q1** (15/64) in Multidisciplinary Sciences; počet citací: 27
- Vöröš, D.,** Diaz-Somoano, M., **Geršlová, E.,** Sýkorová, I., Suárez-Ruiz, I. (2018): Mercury contamination of stream sediments in the North Bohemian Coal District (Czech Republic): Mercury speciation and the role of

organic matter. *Chemosphere*, 211, 664–673. doi: 10.1016/j.chemosphere.2018.07.196

WoS: IF₂₀₁₇: 4,427; Q1 (35/242) in Environmental Sciences; počet citací: 21

Vöröš, D., Geršlová, E., Díaz-Somoano, M., Sýkorová, I., Suárez-Ruiz, I., Havelcová, M., Kuta, J. (2018): Distribution and Mobility Potential of Trace Elements in the Main Seam of the Most Coal Basin. *International Journal of Coal Geology*, 196, 139–147. doi: 10.1016/j.coal.2018.07.005

WoS: IF₂₀₁₇: 4,130; Q1 (17/190) in Geosciences, Multidisciplinary; Q2 (26/97) in Energy & Fuels; počet citací: 7

Warchilová, T., **Dillingerová, V., Škoda, R.,** Simo, T., Matal, O., Vaculovič, T., Kanický, V. (2018): Corrosion of nickel-based structural materials for nuclear reactors by molten fluoride salt: From bulk content of corrosion products to elemental imaging of corrosion changes. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, 148, 113–117. doi: 10.1016/j.sab.2018.06.010

WoS: IF₂₀₁₇: 2,854; Q1 (7/41) in Spectroscopy; počet citací: 9

Weiner, T., Weinerová, H., Kalvoda, J. (2018): Microproblematika, calcareous algae, and microbialites at the Frasnian-Famennian boundary interval in the Šumbera section (Moravian Karst, Czech Republic) and their significance in the context of the Kellwasser Crisis. *Facies*, 64, 26. doi: 10.1007/s10347-018-0538-z

WoS: IF₂₀₁₇: 1,367; Q2 (20/47) in Geology; Q2 (25/55) in Paleontology; počet citací: 2

Wertich, V., Leichmann, J., Dosbaba, M., Götze, J. (2018): Multi-Stage Evolution of Gold-Bearing Hydrothermal Quartz Veins at the Mokrsko Gold Deposit (Czech Republic) Based on Cathodoluminescence, Spectroscopic, and Trace Elements Analyses. *Minerals*, 8, 8, 336. doi: 10.3390/min8080335

WoS: IF₂₀₁₇: 1,835; Q2 (13/29) in Mineralogy; Q2 (7/20) in Mining & Mineral Processing; počet citací: 13

Zimák, J., **Štelcl, J., Všianský, D.** (2018): Reflectance colourimetry as a method for estimating the approximate quantity of non-carbonate components in limestones: A case study in the Mokrý Quarry (Czech Republic). *Catena*, 169, 90–95. doi: 10.1016/j.catena.2018.05.028

WoS: IF₂₀₁₇: 3,256; Q1 (39/190) in Geosciences, Multidisciplinary; Q1 (7/34) in Soil Science; Q1 (10/90) in Water Resources; počet citací: 0

2017 (celkem 54 článků, 21 studentů spoluautorů – červeně)

Baroň, I., Kernstocková, M., **Melichar, R.** (2017): Stress field reconstruction in an active mudslide. *Geomorphology*, 289, 170–178. doi: 10.1016/j.geomorph.2017.04.020

WoS: IF₂₀₁₆: 2,958; Q2 (14/49) in Geography, Physical; Q1 (41/188) in Geosciences, Multidisciplinary; počet citací: 7

Belley, P.M., Dzikowski, T.J., Fagan, A., **Cempírek, J.,** Groat, L.A., Mortensen, J.K., Fayek, M., Giuliani, G., Fallick, A.E., Gertzbein, P. (2017): Origin of scapolite-hosted sapphire (corundum) near Kimmirut, Baffin Island, Nunavut, Canada. *Canadian Mineralogist*, 55, 4, 669–699. doi: 10.3749/canmin.1700018

WoS: IF₂₀₁₆: 0,817; Q4 (22/29) in Mineralogy; počet citací: 10

Bosi, F., Skogby, H., Ciriotti, M.E., **Gadas, P., Novák, M., Cempírek, J., Všianský, D.,** Filip, J. (2017): Lucchesiite, $\text{CaFe}_3^{2+}\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$, a new mineral species of the tourmaline supergroup. *Mineralogical Magazine*, 81, 1, 1–14. doi: 10.1180/minmag.2016.080.067

WoS: IF₂₀₁₆: 1,285; Q3 (15/29) in Mineralogy; počet citací: 18

Breiter, K., Škoda, R. (2017): Zircon and whole-rock Zr/Hf ratios as markers of the evolution of granitic magmas: Examples from the Teplice caldera (Czech Republic/Germany). *Mineralogy and Petrology*, 111, 4, 435–457. doi: 10.1007/s00710-017-0509-z

WoS: IF₂₀₁₆: 1,236; Q3 (16/29) in Mineralogy; Q3 (53/84) in Geochemistry & Geophysics; počet citací: 31

Burgert, P., **Přichystal, A.,** Prokeš, L., **Petřík, J.,** Hušková, S. (2017): The origin and distribution of obsidian in prehistoric Bohemia. *Bulgarian e-Journal of Archaeology*, 7, 1, 1–15. doi: neuvodeno

WoS: IF₂₀₁₆: neuvodeno; počet citací: 1

Čurda, M., Goliáš, V., Klementová, M., Strnad, L., Matěj, Z., Škoda, R. (2017): Radiation damage in sulfides: Radioactive galena from burning heaps, after coal mining in the Lower Silesian basin (Czech Republic). *American Mineralogist*, 102, 9, 1788–1795. doi: 10.2138/am-2017-6036

WoS: IF₂₀₁₆: 2,021; Q2 (10/29) in Mineralogy; Q2 (39/84) in Geochemistry & Geophysics; počet citací: 3

Dill, H., Škoda, R. (2017): Provenance analysis of heavy minerals in beach sands (Falkland Islands/Islands Malvinas) – A view to mineral deposits and the geodynamics of the South Atlantic Ocean. *Journal of South American Earth Sciences*, 78, 17–37. doi: 10.1016/j.jsames.2017.06.005

WoS: IF₂₀₁₆: 1,563; Q3 (107/188) in Geosciences, Multidisciplinary; počet citací: 16

Filipská, P., Zeman, J., Všianský, D., Honty, M., Škoda, R. (2017): Key processes of long-term bentonite-water interaction at 90 °C: Mineralogical and chemical transformations. *Applied Clay Science*, 150, 234–243. doi: 10.1016/j.clay.2017.09.036

WoS: IF₂₀₁₆: 3,101; Q1 (68/275) in Materials Science, Multidisciplinary; Q1 (5/29) in Mineralogy; Q2 (52/146) in Chemistry, Physical; počet citací: 7

Goldbach, M., Geršlová, E., Misz-Kennan, M., Nehyba, S. (2017): Thermal maturity of Miocene organic matter from the Carpathian Foredeep in the Czech Republic: 1D and 3D models. *Marine and Petroleum Geology*, 88, 18–29. doi: 10.1016/j.marpetgeo.2017.08.004

WoS: IF₂₀₁₆: 2,888; Q1 (43/188) in Geosciences, Multidisciplinary; počet citací: 4

Hošek, J., Lisá, L., Ulrich, H., Petr, L., Vejrostová, L., Bajer, A., Matys Grygar, T., Piotr, M., Gottvald, Z., Horskák, M. (2017): Middle Pleniglacial pedogenesis on the northwestern edge of the Carpathian basin: A multidisciplinary investigation of the Bíňa pedo-sedimentary section, SW Slovakia. *Palaeogeography Palaeoclimatology Palaeoecology*, 487, 321–339. doi: 10.1016/j.palaeo.2017.09.017

WoS: IF₂₀₁₆: 2,578; Q2 (18/49) in Geography, Physical; Q2 (53/188) in Geosciences, Multidisciplinary; Q1 (5/54) in Paleontology; počet citací: 14

Hurai, V., Paquette, J.-L., Huraiová, M., Slobodník, M., Hvožd'ara, P., Siegfried, P., Gajdošová, M., Milovská, S. (2017): New insights into the origin of the Evate apatite-iron oxide-carbonate deposit, Northeastern Mozambique, constrained by mineralogy, textures, thermochronometry, and fluid inclusions. *Ore Geology Reviews*, 80, 1072–1091. doi: 10.1016/j.oregeorev.2016.09.017

WoS: IF₂₀₁₆: 3,095; Q1 (4/47) in Geology; Q1 (6/29) in Mineralogy; Q1 (1/20) in Mining & Mineral Processing; počet citací: 12

Hussein, H.A.I., Říčka, A., Kuchovský, T., El Osta, M.M. (2017): Groundwater hydrochemistry and origin in the south-eastern part of Wadi El Natrun, Egypt. *Arabian Journal of Geosciences*, 10, 7, nestránkováno. doi: 10.1007/s12517-017-2960-x

WoS: IF₂₀₁₆: 0,955; Q4 (151/188) in Geosciences, Multidisciplinary; počet citací: 22

Choudhuri, M., Němčok, M., Melichar, R., Sinha, N. (2017): Propagation of hotspot volcanism driven flexure in oceanic crust – 85°E Ridge case study. *Marine and Petroleum Geology*, 82, 134–153. doi: 10.1016/j.marpetgeo.2017.01.021

WoS: IF₂₀₁₆: 2,888; Q1 (43/188) in Geosciences, Multidisciplinary; počet citací: 3

Ivanov, M., Čerňanský, A. (2017): *Vipera berus* (Linnaeus, 1758) remains from the Late Pleistocene of Slovakia. *Amphibia-Reptilia*, 38, 2, 133–144. doi: 10.1163/15685381-00003095

WoS: IF₂₀₁₆: 1,287; Q2 (59/163) in Zoology; počet citací: 2

Jirásek, J., Čejka, J., Vrtiška, L., Matýsek, D., Ruan, X., Frost, R.L. (2017): Molecular structure of the phosphate mineral koninckite - a vibrational spectroscopic study. *Journal of Geosciences*, 62, 4, 215–223. doi: 10.3190/jgeosci.243

WoS: IF₂₀₁₆: 0,609; Q4 (76/84) in Geochemistry & Geophysics; Q4 (25/29) in Mineralogy; počet citací: 6

Kaiser, S., Kumpan, T., Cíglér, V. (2017): New unornamented siphonodellids (Conodonta) of the lower Tournaisian from the Rhenish Massif and Moravian Karst (Germany and Czech Republic). *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen*, 286, 1, 1–33. doi: 10.1127/njgpa/2017/0684

WoS: IF₂₀₁₆: 0,777; Q4 (45/54) in Paleontology; počet citací: 16

- Kampf, A., Plášil, J., Čejka, J., Marty, J., Škoda, R., Lapčák, L. (2017): Alwilkinsite-(Y), a new rare-earth uranyl sulfate mineral from the Blue Lizard mine, San Juan County, Utah, USA. *Mineralogical Magazine*, 81, 4, 895–907. doi: 10.1180/minmag.2016.080.139
WoS: IF₂₀₁₆: 1,285; Q3 (15/29) in Mineralogy; počet citací: 10
- Klanicová, N.**, Malá, A., Maciček, O., Zeman, J., Starčuk, Z. (2017): MRI Study of Liesegang Patterns: Mass Transport and Banded Inorganic Phase Formation in Gel. *Applied Magnetic Resonance*, 48, 6, 545–557. doi: 10.1007/s00723-017-0882-0
WoS: IF₂₀₁₆: 0,864; Q4 (32/36) in Physics, Atomic, Molecular & Chemical; Q3 (31/42) in Spectroscopy; počet citací: 1
- Klus, J., Pořízka, P., Procházka, D., Mikysek, P., Novotný, J., Novotný, K., Slobodník, M., Kaiser, J. (2017): Application of self-organizing maps to the study of U-Zr-Ti-Nb distribution in sandstone-hosted uranium ores. *Spectrochimica Acta Part B: Atomic Spectroscopy*, 131, 66–73. doi: 10.1016/j.sab.2017.03.008
WoS: IF₂₀₁₆: 3,241; Q1 (7/42) in Spectroscopy; počet citací: 16
- Křížek, M., Krbcová, K., Mida, P., Hanáček, M. (2017): Micromorphological changes as an indicator of the transition from glacial to glaciofluvial quartz grains: Evidence from Svalbard. *Sedimentary Geology*, 358, 35–43. doi: 10.1016/j.sedge.2017.06.010
WoS: IF₂₀₁₆: 2,373; Q1 (10/47) in Geology; počet citací: 22
- Kuchovský, T.**, Říčka, A., Grycz, D. (2017): Using numerical modeling to understand the discharge from a flooded abandoned underground mine. *Mine Water and the Environment*, 36, 4, 606–616. doi: 10.1007/s10230-017-0455-3
WoS: IF₂₀₁₆: 1,278; Q3 (57/88) in Water Resources; počet citací: 2
- Lake, D.J., Groat, L.A., Falck, H., Mulja, T., Cempírek, J., Kontak, D., Marshall, D., Giuliani, G., Fayek, M. (2017): Genesis of emerald-bearing quartz veins associated with the Lened W-skarn mineralization, Northwest Territories, Canada. *Canadian Mineralogist*, 55, 4, 561–593. doi: 10.3749/canmin.1700025
WoS: IF₂₀₁₆: 0,817; Q4 (22/29) in Mineralogy; počet citací: 13
- Lang, M.**, Faimon, J., Praeňý, P., Kejíková, S. (2017): A show cave management: Anthropogenic CO₂ in atmosphere of Výпустek Cave (Moravian Karst, Czech Republic). *Journal for Nature Conservation*, 35, 40–52. doi: 10.1016/j.jnc.2016.11.007
WoS: IF₂₀₁₆: 1,657; Q2 (20/54) in Biodiversity Conservation; Q3 (88/153) in Ecology; počet citací: 12
- Lang, M.**, Faimon, J., Godissart, J., Ek, C. (2017): Carbon dioxide seasonality in dynamically ventilated caves: the role of advective fluxes. *Theoretical and Applied Climatology*, 129, 3-4, 1355–1372. doi: 10.1007/s00704-016-1858-y
WoS: IF₂₀₁₆: 2,640; Q2 (30/85) in Meteorology & Atmospheric Sciences; počet citací: 20
- Lang, M.**, Faimon, J., Kejíková, S. (2017): The impact of door opening on CO₂ levels: A case study from the Balcarka Cave (Moravian Karst, Czech Republic). *International Journal of Speleology*, 46, 3, 345–358. doi: 10.5038/1827-806X.46.3.2100
WoS: IF₂₀₁₆: 1,439; Q3 (117/188) in Geosciences, Multidisciplinary; počet citací: 3
- Leichmann, J.**, Gnojek, I., Novák, M., Sedlák, J., Houzar, S. (2017): Durbachites from the Eastern Moldanubicum (Bohemian Massif): erosional relics of large, flat tabular intrusions of ultrapotassic melts-geophysical and petrological record. *International Journal of Earth Sciences*, 106, 1, 59–77. doi: 10.1007/s00531-016-1296-1
WoS: IF₂₀₁₆: 2,283; Q2 (71/188) in Geosciences, Multidisciplinary; počet citací: 13
- Nasdala, L., Corfu, F., Blaimauer, D., Chanmuang, C., Ruschel, K., Škoda, R., Wildner, M., Wirth, R., Zeug, M., Zoysa, E.G. (2017): Neoproterozoic amorphous “ekanite” (Ca₂Th_{0.9}U_{0.1}Si₈O₂₀) from Okkampitiya, Sri Lanka: A metamict gemstone with excellent lead-retention performance. *Geology*, 45, 10, 919–922. doi: 10.1130/G39334.1
WoS: IF₂₀₁₆: 4,635; Q1 (1/47) in Geology; počet citací: 5

Nehyba, S., Hanáček, M., Engel, Z., Stachoň, Z. (2017): Rise and fall of a small ice-dammed lake – role of deglaciation processes and morphology. *Geomorphology*, 295, 662–679. doi: 10.1016/j.geomorph.2017.08.019
WoS: IF₂₀₁₆: 2,958; Q2 (14/49) in Geography, Physical; Q1 (41/188) in Geosciences, Multidisciplinary; počet citací: 9

Nehyba, S., Opletal, V. (2017): Sedimentological study of the Nikolčice Formation – evidence of the Middle Jurassic transgression onto the Bohemian Massif (subsurface data). *Geological Quarterly*, 61, 1, 138–155. doi: 10.7306/gq.1335
WoS: IF₂₀₁₆: 1,129; Q2 (22/47) in Geology; počet citací: 4

Nejman, L., Wood, R., Wright, D., **Lisá, L.,** Nerudová, Z., Neruda, P., **Přichystal, A.,** Svoboda, J. (2017): Hominid visitation of the Moravian Karst during the Middle-Upper Paleolithic transition: New results from Pod Hradem Cave (Czech Republic). *Journal of Human Evolution*, 108, 131–146. doi: 10.1016/j.jhevol.2017.03.015
WoS: IF₂₀₁₆: 3,932; Q2 (16/48) in Evolutionary Biology; počet citací: 12

Neumannová, K., **Petrík, J.,** Vostrovská, I., Dvořák, J., Zikmund, T., Kaiser, J. (2017): Variability in coiling technique in LBK pottery inferred by experiments and pore structure micro-tomography analysis. *Archeologické rozhledy*, 69, 2, 172–186. doi: neuvedeno
WoS: IF₂₀₁₆: neuvedeno; počet citací: 7

Novák, A., Bábek, O., Kapusta, J. (2017): Late Quaternary tectonic switching of siliciclastic provenance in the strike-slip dominated foreland of the Western Carpathians; Upper Morava Basin, Bohemian Massif. *Sedimentary Geology*, 355, 58–74. doi: 10.1016/j.sedge.2017.04.005
WoS: IF₂₀₁₆: 2,373; Q1 (10/47) in Geology; počet citací: 8

Novák, M., Cícha, J., **Čopjaková, R., Škoda, R.,** Vašinová Galiová, M. (2017): Milarite-group minerals from the NYF pegmatite Velká skála, Písek district, Czech Republic: sole carriers of Be from the magmatic to hydrothermal stage. *European Journal of Mineralogy*, 29, 4, 755–766. doi: 10.1127/ejm/2017/0029-2652
WoS: IF₂₀₁₆: 1,362; Q2 (14/29) in Mineralogy; počet citací: 4

Novák, M., Prokop, J., Losos, Z., Macek, I. (2017): Tourmaline, an indicator of external Mg-contamination of granitic pegmatites from host serpentinite; examples from the Moldanubian Zone, Czech Republic. *Mineralogy and Petrology*, 111, 4, 625–641. doi: 10.1007/s00710-017-0512-4
WoS: IF₂₀₁₆: 1,236; Q3 (16/29) in Mineralogy; Q3 (53/84) in Geochemistry & Geophysics; počet citací: 14

Olds, T., Plášil, J., Kampf, A., **Škoda, R.,** Burns, P., Čejka, J., Bourgoin, V., Boulliard, J.-C. (2017): Gauthierite, $KPb[(UO_2)_7O_5(OH)_7] \cdot 8H_2O$, a new uranyl-oxide hydroxy-hydrate mineral from Shinkolobwe with a novel uranyl-anion sheet-topology. *European Journal of Mineralogy*, 29, 1, 129–141. doi: 10.1127/ejm/2017/0029-2586
WoS: IF₂₀₁₆: 1,362; Q2 (14/29) in Mineralogy; počet citací: 14

Plášil, J., Škacha, P., Sejkora, J., **Škoda, R., Novák, M.,** Veselovský, F., Hloušek, J. (2017): Babanekite, $Cu_3(AsO_4)_2 \cdot 8H_2O$, from Jáchymov, Czech Republic – a new member of the vivianite group. *Journal of Geosciences*, 62, 4, 261–270. doi: 10.3190/jgeosci.248
WoS: IF₂₀₁₆: 0,609; Q4 (25/29) in Mineralogy; Q4 (76/84) in Geochemistry & Geophysics; počet citací: 6

Plášil, J., **Škoda, R.** (2017): Crystal structure of the (REE)-uranyl carbonate mineral shabaite-(Nd). *Journal of Geosciences*, 62, 2, 97–105. doi: 10.3190/jgeosci.232
WoS: IF₂₀₁₆: 0,609; Q4 (25/29) in Mineralogy; Q4 (76/84) in Geochemistry & Geophysics; počet citací: 3

Plášil, J., Čejka, J., Sejkora, J., Hloušek, J., **Škoda, R., Novák, M.,** Dušek, M., Císařová, I., Němec, I., Ederová, J. (2017): Línekite, $K_2Ca_3[(UO_2)(CO_3)_3]_2 \cdot 8H_2O$, a new uranyl carbonate mineral from Jáchymov, Czech Republic. *Journal of Geosciences*, 62, 3, 201–213. doi: 10.3190/jgeosci.241
WoS: IF₂₀₁₆: 0,609; Q4 (25/29) in Mineralogy; Q4 (76/84) in Geochemistry & Geophysics; počet citací: 7

Plášil, J., Škacha, P., Sejkora, J., Kampf, A., **Škoda, R.,** Čejka, J., Hloušek, J., Kasatkin, A.V., Pavlíček, R., Babka, K. (2017): Plavnoite, a new K-Mn member of the zippeite group from Jáchymov, Czech Republic. *European Journal of Mineralogy*, 29, 1, 117–128. doi: 10.1127/ejm/2017/0029-2583
WoS: IF₂₀₁₆: 1,362; Q2 (14/29) in Mineralogy; počet citací: 11

Pokorný, R., Krmíček, L., Sudo, M. (2017): An endemic ichnoassemblage from a late Miocene paleolake in SE Iceland. *Palaeogeography Palaeoclimatology Palaeoecology*, 485, 761–773. doi: 10.1016/j.palaeo.2017.07.033
WoS: IF₂₀₁₆: 2,578; Q2 (18/49) in Geography, Physical; Q2 (53/188) in Geosciences, Multidisciplinary; Q1 (5/54) in Paleontology; počet citací: 10

Pokorný, R., Štofík, M. (2017): Evidence of bioerosive structures in Quaternary glaciomarine sediments from SW Iceland. *Ichnos*, 24, 3, 204–221. doi: 10.1080/10420940.2016.1260567
WoS: IF₂₀₁₆: 1,182; Q3 (31/54) in Paleontology; počet citací: 7

Pořízka, P., Kaski, S., Hrdlička, A., Modlitbová, P., Sládková, L., Heikki, H., Procházka, D., **Gadas, P.**, Čelko, L., Novotný, K., Kaiser, J., Novotný, J. (2017): Detection of fluorine using laser-induced breakdown spectroscopy and Raman spectroscopy. *Journal of Analytical Atomic Spectrometry*, 32, 10, 1966–1974. doi: 10.1039/c7ja00200a
WoS: IF₂₀₁₆: 3,379; Q1 (6/42) in Spectroscopy; Q1 (17/76) in Chemistry, Analytical; počet citací: 33

Pracný, P., Faimon, J., Všiánský, D., Kabelka, L. (2017): Evolution of Mg/Ca ratios during limestone dissolution under epikarstic conditions. *Aquatic Geochemistry*, 23, 2, 119–139. doi: 10.1007/s10498-017-9313-y
WoS: IF₂₀₁₆: 1,982; Q2 (41/84) in Geochemistry & Geophysics; počet citací: 6

Scribner, E.D., Groat, L.A., **Cempírek, J.** (2017): Mineralogy of the Ash Mountain Sn-bearing skarn, Tuya Range, northern British Columbia, Canada. *Canadian Mineralogist*, 55, 2, 333–347. doi: 10.3749/canmin.1600064
WoS: IF₂₀₁₆: 0,817; Q4 (22/29) in Mineralogy; počet citací: 3

Sedláček, J., **Bábek, O.**, Nováková, T. (2017): Sedimentary record and anthropogenic pollution of a complex multiple source fed dam reservoirs: An example from the Nové Mlýny reservoir, Czech Republic. *Science of the Total Environment*, 574, 1456–1471. doi: 10.1016/j.scitotenv.2016.08.127
WoS: IF₂₀₁₆: 4,900; Q1 (22/229) in Environmental Sciences; počet citací: 19

Sedláková, I., Geršlová, E., Uhlík, P., Opletal, V. (2017): Mineralogical characteristics of upper Jurassic Mikulov Marls, the Czech Republic, in relation to their thermal maturity. *Chemie der Erde - Geochemistry*, 77, 1, 159–167. doi: 10.1016/j.chemer.2016.11.003
WoS: IF₂₀₁₆: 1,380; Q3 (48/84) in Geochemistry & Geophysics; počet citací: 4

Slaviček, K., Petřík, J., Žaža, P., Mitáš, V., Furmánek, V. (2017): Technological and provenance analyses of the south-eastern Urnfield culture pottery from the sites of Cinobaňa and Málinec (Poltár region, Slovakia). *Praehistorische Zeitschrift*, 92, 1, 162–175. doi: 10.1515/pz-2017-0007
WoS: IF₂₀₁₆: 0,344; Q4 (73/82) in Anthropology; počet citací: 1

Talla, D., Beran, A., **Škoda, R., Losos, Z.** (2017): Polarized FTIR spectroscopic examination on hydroxylation in the minerals of the wolframite group, (Fe,Mn,Mg)[W,(Nb,Ta)][O,(OH)]₄. *American Mineralogist*, 102, 4, 867–875. doi: 10.2138/am-2017-5664
WoS: IF₂₀₁₆: 2,021; Q2 (10/29) in Mineralogy; Q2 (39/84) in Geochemistry & Geophysics; počet citací: 2

Tolokonnikova, Z., **Kalvoda, J., Kumpan, T.** (2017): An early Tournaisian (Mississippian) bryozoan fauna from the Moravian Karst (Rhenohercynian Zone, Czech Republic). *Geobios*, 50, 4, 341–348. doi: 10.1016/j.geobios.2017.06.006
WoS: IF₂₀₁₆: 1,431; Q2 (21/54) in Paleontology; počet citací: 1

Vejrostová, L., **Lisá, L., Bajer, A., Pacina, J.** (2017): Evaluation of human impact on valley bottom sedimentation in Highlands. Case study from Ceska Bela, Czechia. *Geografie*, 122, 1, 21–44. doi: neuvédno
WoS: IF₂₀₁₆: 0,580; Q4 (67/79) in Geography; počet citací: 5

Výravský, J., Novák, M., Škoda, R. (2017): Formation of pretulite (ScPO₄) by recrystallization of Sc-rich precursors in Dolní Bory pegmatite: Evidence for different mobility of Sc, Y, REE and Zr in hydrothermal conditions. *Chemical Geology*, 449, 30–40. doi: 10.1016/j.chemgeo.2016.11.031
WoS: IF₂₀₁₆: 3,347; Q1 (17/84) in Geochemistry & Geophysics; počet citací: 4

Weiner, T., Kalvoda, J., Kumpan, T., Schindler, E., Šimíček, D. (2017): An Integrated Stratigraphy of the Frasnian-Famennian Boundary Interval (Late Devonian) in the Moravian Karst (Czech Republic) and Kellerwald (Germany). *Bulletin of Geosciences*, 92, 2, 257–281. doi: 10.3140/bull.geosci.1636
WoS: IF₂₀₁₆: 1,175; Q3 (136/188) in Geosciences, Multidisciplinary; Q3 (32/54) in Paleontology; počet citací: 11

Weinerová, H., Hron, K., Bábek, O., Šimíček, D., Hladil, J. (2017): Quantitative allochem compositional analysis of Lochkovian-Pragian boundary sections in the Prague Basin (Czech Republic). *Sedimentary Geology*, 354, 43–59. doi: 10.1016/j.sedgeo.2017.04.002
WoS: IF₂₀₁₆: 2,373; Q1 (10/47) in Geology; počet citací: 9

Zietlow, P., Beirau, T., Mihailova, B., Groat, L., Chudy, T., Shelyug, A., Navrotsky, A., Ewing, R., Schluter, J., Škoda, R., Bismayer, U. (2017): Thermal annealing of natural, radiation-damaged pyrochlore. *Zeitschrift für Kristallographie – Crystalline Materials*, 232, 1-3, 25–38. doi: 10.1515/zkri-2016-1965
WoS: IF₂₀₁₆: 3,179; Q2 (7/26) in Crystallography; počet citací: 18

2016 (celkem 45 článků, 23 studentů spoluautorů – červeně)

Bábek, O., Kumpan, T., Kalvoda, J., Matys Grygar, T. (2016): Devonian/Carboniferous boundary glacioeustatic fluctuations in a platform-to-basin direction: A geochemical approach of sequence stratigraphy in pelagic settings. *Sedimentary Geology*, 337, 81–99. doi: 10.1016/j.sedgeo.2016.03.009
WoS: IF₂₀₁₅: 2,236; Q1 (8/47) in Geology; počet citací: 48

Benedová, Š., Leichmann J. (2016): Experimental study of anisotropy of quartz dissolution and its role in fluid migration in rocks. *Acta Geodynamica et Geomaterialia*, 13, 2, 193–200. doi: 10.13168/AGG.2016.0001
WoS: IF₂₀₁₅: 0,561; Q4 (16/21) in Mining & Mineral Processing; Q4 (70/81) in Geochemistry & Geophysics; počet citací: 2

Brzobohatý, R., Kalvoda, J., Frýda, J., Erban, V. (2016): Strontium isotope record of the *Hygophum hygomii* otoliths from the European middle Miocene. *Geobios*, 49, 5, 349–354. doi: 10.1016/j.geobios.2016.06.007
WoS: IF₂₀₁₅: 1,151; Q3 (33/54) in Paleontology; počet citací: 2

Buriánek, D., Dolníček, Z., Novák, M. (2016): Textural and compositional evidence for a polyphase saturation of tourmaline in granitic rocks from the Třebíč Pluton (Bohemian Massif). *Journal of Geosciences*, 61, 4, 309–334. doi: 10.3190/jgeosci.220
WoS: IF₂₀₁₅: 1,326; Q3 (16/29) in Mineralogy; Q3 (47/81) in Geochemistry & Geophysics; počet citací: 5

Cempírek, J., Grew, E.S., Kampf, A.R., Ma, C., **Novák, M., Gadas, P., Škoda, R.,** Vašinová Galiová, M., Pezzotta, F., Groat, L.A., Krivovichev, S.V. (2016): Vranaite, ideally Al₁₆S₄Si₄O₃₈, a new mineral related to boralsilite, Al₁₆B₆Si₂O₃₇, from the Manjaka pegmatite, Sahatany Valley, Madagascar. *American Mineralogist*, 101, 9-10, 2108–2117. doi: 10.2138/am-2016-5686
WoS: IF₂₀₁₅: 1,918; Q2 (9/29) in Mineralogy; Q2 (37/81) in Geochemistry & Geophysics; počet citací: 18

Coletti, G., **Hrabovský, J.,** Basso, D. (2016): *Lithothamnion crispatum*: long-lasting species of non-geniculate coralline algae (Rhodophyta, Hapalidiales). *Carnets de Geologie*, 16, 3, 27–41. doi: neuvedeno
WoS: IF₂₀₁₅: 0,436; Q4 (44/47) in Geology; Q4 (53/54) in Paleontology; počet citací: 13

Černý, J., Ramírez-Herrera, M.T., Bógalo, M.-F., Goguitchaichvili, A., Castillo-Aja, R., Morales, J., Sanchez-Cabeza, J.A., Ruiz-Fernández, A.C. (2016): Magnetic record of extreme marine inundation events at Las Salinas site, Jalisco, Mexican Pacific coast. *International Geology Review*, 58, 3, 342–357. doi: 10.1080/00206814.2015.1075230
WoS: IF₂₀₁₅: 2,365; Q1 (7/47) in Geology; počet citací: 10

Domínguez-Bella, S., Cassen, S., Pétrequin, P., **Přichystal, A.,** Martinez, J., Ramos, J., Medina, N. (2016): Aroche (Huelva, Andalucía): a new Neolithic axehead of Alpine jade in the southwest of the Iberian Peninsula. *Archaeological and Anthropological Sciences*, 8, 1, 205–222. doi: 10.1007/s12520-015-0232-9
WoS: IF₂₀₁₅: 1,636; Q1 (21/84) in Anthropology; počet citací: 9

Dvořák, K., Dolák, D., **Všianský, D.,** Dobrovolný, P. (2016): Evaluation of the Grindability of Recycled Glass in the Production of Blended Cements. *Materiali in tehnologije*, 50, 729–734. doi: 10.17222/mit.2015.184

WoS: IF₂₀₁₅: 0,439; Q4 (246/271) in Materials Science, Multidisciplinary; počet citací: 8

Fačevicová, K., **Bábek, O.**, Hron, K., **Kumpan, T.** (2016): Element chemostratigraphy of the Devonian/Carboniferous boundary – A compositional approach. *Applied Geochemistry*, 75, 211–221. doi: 10.1016/j.apgeochem.2016.10.002

WoS: IF₂₀₁₅: 2,468; Q2 (29/81) in Geochemistry & Geophysics; počet citací: 12

Faimon, J., Bodlákova, R., **Pracný, P.**, Hebelka, J. (2016): Transfer of climatic variables by dripwater: a case study from Kateřinská Cave (Moravian Karst). *Environmental Earth Sciences*, 75, 16, 1151. doi: 10.1007/s12665-016-5982-x

WoS: IF₂₀₁₅: neuvedeno; počet citací: 9

Faryad, S.W., Collett, S., Finger, F., Sergeev, S.A., **Čopjaková, R.**, Siman, P. (2016): The Kabul Block (Afghanistan), a segment of the Columbia Supercontinent, with a Neoproterozoic metamorphic overprint. *Gondwana Research*, 34, 221–240. doi: 10.1016/j.gr.2015.02.019

WoS: IF₂₀₁₅: 8,743; Q1 (2/184) in Geosciences, Multidisciplinary; počet citací: 23

Francírek, M., **Nehyba, S.** (2016): Evolution of the passive margin of the peripheral foreland basin: an example from the Lower Miocene Carpathian Foredeep (Czech Republic). *Geologica Carpathica*, 67, 1, 41–68. doi: 10.1515/geoca-2016-0003

WoS: IF₂₀₁₅: 1,523; Q3 (106/184) in Geosciences, Multidisciplinary; počet citací: 9

Fridrichová, J., Bačík, P., Illašová, L., Kozáková, P., **Škoda, R.**, Pulišová, Z., Fiala, A. (2016): Raman and optical spectroscopic investigation of gem-quality smoky quartz crystals. *Vibrational Spectroscopy*, 85, 71–78. doi: 10.1016/j.vibspec.2016.03.028

WoS: IF₂₀₁₅: 1,682; Q3 (22/43) in Spectroscopy; Q3 (44/75) in Chemistry, Analytical; Q3 (98/144) in Chemistry, Physical; počet citací: 10

Fridrichová, J., Bačík, P., Bizovska, V., Libowitzky, E., **Škoda, R.**, Uher, P., Ozdín, D., Števkó, M. (2016): Spectroscopic and bond-topological investigation of interstitial volatiles in beryl from Slovakia. *Physics and Chemistry of Minerals*, 43, 6, 419–437. doi: 10.1007/s00269-016-0806-9

WoS: IF₂₀₁₅: 1,585; Q3 (141/271) in Materials Science, Multidisciplinary; Q2 (13/29) in Mineralogy; počet citací: 16

Gadas, P., **Novák, M.**, Szuszkiewicz, A., Szeleg, E., Vašinová Galiová, M., **Haifler, J.** (2016): Magnesium-rich Na,Be,Li-rich sekaninaite from miarolitic pegmatite at Zimník, Strzegom-Sobotka Massif, Sudetes, Poland. *Canadian Mineralogist*, 54, 4, 971–987. doi: 10.3749/canmin.1600024

WoS: IF₂₀₁₅: 0,862; Q3 (21/29) in Mineralogy; počet citací: 9

Geršlová, E., **Goldbach, M.**, Geršl, M., Skupien, P. (2016): Heat flow evolution, subsidence and erosion in Upper Silesian Coal Basin, Czech Republic. *International Journal of Coal Geology*, 154-155, 30–42. doi: 10.1016/j.coal.2015.12.007

WoS: IF₂₀₁₅: 3,294; Q1 (28/184) in Geosciences, Multidisciplinary; Q2 (26/88) in Energy & Fuels; počet citací: 18

Goliáš, V., Tumurkhuu, G., Kohn, P., Šálek, O., Plášil, J., **Škoda, R.**, Soumar, J. (2016): Construction of new houses on a uranium vein outcrop: a case study from the Czech Republic. *Nukleonika*, 61, 3, 343–349. doi: 10.1515/nuka-2016-0057

WoS: IF₂₀₁₅: 0,546; Q4 (20/21) in Physics, Nuclear; Q4 (40/46) in Chemistry, Inorganic & Nuclear; počet citací: 1

Haifler, J., **Kotková, J.** (2016): UHP-UHT peak conditions and near-adiabatic exhumation path of diamond-bearing garnet-clinopyroxene rocks from the Eger Crystalline Complex, North Bohemian Massif. *Lithos*, 248-251, 366–381. doi: 10.1016/j.lithos.2016.02.001

WoS: IF₂₀₁₅: 3,723; Q1 (4/29) in Mineralogy; Q1 (11/81) in Geochemistry & Geophysics; počet citací: 37

Havelcová, M., Machovič, V., Linhartová, M., Lapčák, L., **Přichystal, A.**, Dvořák, Z. (2016): Vibrational spectroscopy with chromatographic methods in molecular analyses of Moravian amber samples (Czech Republic). *Microchemical Journal*, 128, 153–160. doi: 10.1016/j.microc.2016.04.010

WoS: IF₂₀₁₅: 2,893; Q1 (17/75) in Chemistry, Analytical; počet citací: 13

- Hrabovský, J.**, Basso, D., **Doláková, N.** (2016): Diagnostic characters in fossil coralline algae (Corallinophycidae: Rhodophyta) from the Miocene of southern Moravia (Carpathian Foredeep, Czech Republic). *Journal of Systematic Palaeontology*, 14, 6, 499–525. doi: 10.1080/14772019.2015.1071501
WoS: IF₂₀₁₅: 3,143; **Q1** (2/54) in Paleontology; **Q2** (19/46) in Evolutionary Biology; počet citací: 28
- Klus, J., **Mikysek, P.**, Procházka, D., Pořízka, P., Procházková, P., Novotný, J., Trojek, T., Novotný, K., **Slobodník, M.**, Kaiser, J. (2016): Multivariate approach to the chemical mapping of uranium in sandstone-hosted uranium ores analyzed using double pulse Laser-Induced Breakdown Spectroscopy. *Spectrochimica Acta Part B: Atomic Spectroscopy*, 123, 143–149. doi: 10.1016/j.sab.2016.08.014
WoS: IF₂₀₁₅: 3,289; **Q1** (8/43) in Spectroscopy; počet citací: 55
- Kociánová, L.**, **Melichar, R.** (2016): OATools: An ArcMap add-in for the orientation analysis of geological structures. *Computers & Geosciences*, 87, 67–75. doi: 10.1016/j.cageo.2015.12.005
WoS: IF₂₀₁₅: 2,474; **Q2** (47/184) in Geosciences, Multidisciplinary; **Q1** (19/104) in Computer Science, Interdisciplinary Applications; počet citací: 11
- Kotková, J.**, Whitehouse, M.J., Schaltegger, U., D'Abzac, F.-X. (2016): The fate of zircon during UHT-UHP metamorphism: isotopic (U/Pb, O-18, Hf) and trace element constraints. *Journal of Metamorphic Geology*, 34, 7, 719–739. doi: 10.1111/jmg.12206
WoS: IF₂₀₁₅: 3,673; **Q1** (3/47) in Geology; počet citací: 29
- Kuboušková, S.**, **Krmíček, L.**, Coufalík, P., Pokorný, R. (2016): Petrological and geochemical characteristics of Palaeogene low-rank coal on the Faroe Islands: restricted effects of alteration by basaltic lava flows. *International Journal of Coal Geology*, 165, 157–172. doi: 10.1016/j.coal.2016.08.009
WoS: IF₂₀₁₅: 3,294; **Q1** (28/184) in Geosciences, Multidisciplinary; **Q2** (26/88) in Energy & Fuels; počet citací: 5
- Magna, T., **Novák, M.**, **Cempírek, J.**, Janoušek, V., Ullmann, C.V., Wiechert, U. (2016): Crystallographic control on lithium isotope fractionation in Archean to Cenozoic lithium-cesium-tantalum pegmatites. *Geology*, 44, 8, 655–658. doi: 10.1130/G37712.1
WoS: IF₂₀₁₅: 4,548; **Q1** (1/47) in Geology; počet citací: 32
- Matysová, P., Gotze, J., **Leichmann, J.**, **Škoda, R.**, Strnad, L., Drahota, P., Matys Grygar, T. (2016): Cathodoluminescence and LA-ICP-MS chemistry of silicified wood enclosing wakefieldite – REEs and V migration during complex diagenetic evolution. *European Journal of Mineralogy*, 28, 5, 869–887. doi: 10.1127/ejm/2016/0028-2556
WoS: IF₂₀₁₅: 1,464; **Q3** (15/29) in Mineralogy; počet citací: 5
- Nahodilová, R., Vrána, S., Pertoldová, J., **Gadas, P.** (2016): Geochemical variability of granite dykes and small intrusions at the margin of the Granulite complex in southern Bohemia. *Journal of Geosciences*, 61, 2, 145–170. doi: 10.3190/jgeosci.213
WoS: IF₂₀₁₅: 1,326; **Q3** (16/29) in Mineralogy; **Q3** (47/81) in Geochemistry & Geophysics; počet citací: 1
- Nehyba, S.**, Opletal, V. (2016): Depositional environment and provenance of the Gresten Formation (Dogger) on the southeastern slopes of the Bohemian Massif (Czech Republic, subsurface data). *Austrian Journal of Earth Sciences*, 109, 2, 262–276. doi: 10.17738/ajes.2016.0020
WoS: IF₂₀₁₅: 0,618; **Q4** (168/184) in Geosciences, Multidisciplinary; počet citací: 6
- Nehyba, S.**, Holcová, K., Gedl, P., **Doláková, N.** (2016): The Lower Badenian transgressive-regressive cycles – a case study from Oslavany (Carpathian Foredeep, Czech Republic). *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen*, 279, 2, 209–238. doi: 10.1127/njgpa/2016/0548
WoS: IF₂₀₁₅: 0,719; **Q4** (46/54) in Paleontology; počet citací: 20
- Nerudová, Z., **Doláková, N.**, Novák, J. (2016): New information augmenting the picture of local environment at the LGM/LGT in the context of the Middle Danube region. *Holocene*, 26, 9, 1345–1354. doi: 10.1177/0959683616640051
WoS: IF₂₀₁₅: 2,135; **Q2** (22/49) in Geography, Physical; **Q2** (64/184) in Geosciences, Multidisciplinary; počet citací: 11

Pabst, W., Gregorová, E., Kloužek, J., Kloužková, A., Zemanová, P., Kohoutková, M., Sedlářová, I., Lang, K., Kotouček, M., Nevřivová, L., **Všianský, D.** (2016): High-temperature Young's moduli and dilatation behavior of silica refractories. *Journal of the European Ceramic Society*, 36, 1, 209–220. doi: 10.1016/j.jeurceramsoc.2015.09.020

WoS: IF₂₀₁₅: 2,933; **Q1** (1/27) in Materials Science, Ceramics; počet citací: 15

Pagano, D.S., Galliski, M.Á., Márquez-Zavalía, M.F., **Novák, M., Škoda, R.** (2016): Petrography, mineralogy, and origin of the syenite pegmatitic segregation veins from La Peña Alkaline Complex, Mendoza, Argentina. *Canadian Mineralogist*, 54, 4, 803–825. doi: 10.3749/canmin.1600015

WoS: IF₂₀₁₅: 0,862; **Q3** (21/29) in Mineralogy; počet citací: 1

Plášil, J., **Škoda, R.**, Čejka, J., Bourgoin, V., Boulliard, J.C. (2016): Crystal structure of the uranyl-oxide mineral rameauite. *European Journal of Mineralogy*, 28, 5, 959–967. doi: 10.1127/ejm/2016/0028-2568

WoS: IF₂₀₁₅: 1,464; **Q3** (15/29) in Mineralogy; počet citací: 18

Pokrant, F., Kindler, C., **Ivanov, M.**, Cheylan, M., Geniez, P., Böhme, W., Fritz, U. (2016): Integrative taxonomy provides evidence for the species status of the Ibero-Maghrebian grass snake *Natrix astreptophora*. *Biological Journal of the Linnean Society*, 118, 4, 873–888. doi: 10.1111/bij.12782

WoS: IF₂₀₁₅: 1,984; **Q3** (31/46) in Evolutionary Biology; počet citací: 45

Poukarová, H., Weiner, T. (2016): The first “osteolepiform” tetrapodomorph (Sarcopterygii) from the Paleozoic sequences of the Moravian Karst (Czech Republic). *Geological Quarterly*, 60, 3, 737–745. doi: 10.7306/gq.1301

WoS: IF₂₀₁₅: 0,858; **Q3** (29/47) in Geology; počet citací: 0

Pracný, P., Faimon, J., Sracek, O., Kabelka, L., Hebelka, J. (2016): Anomalous drip in the Punka caves (Moravian Karst): relevant implications for paleoclimatic proxies. *Hydrological Processes*, 30, 10, 1506–1520. doi: 10.1002/hyp.10731

WoS: IF₂₀₁₅: 2,768; **Q1** (8/85) in Water Resources; počet citací: 9

Pracný, P., Faimon, J., Kabelka, L., Hebelka, J. (2016): Variations of carbon dioxide in the air and dripwaters of Punkva Caves (Moravian Karst, Czech Republic). *Carbonates and Evaporites*, 31, 4, 375–386. doi: 10.1007/s13146-015-0259-0

WoS: IF₂₀₁₅: 0,440; **Q4** (43/47) in Geology; počet citací: 13

Příkryl, T., **Brzobohatý, R.**, Gregorová, R. (2016): Diversity and distribution of fossil codlets (Teleostei, Gadiformes, Bregmacerotidae): review and commentary. *Palaeobiodiversity and Palaeoenvironments*, 96, 1, 13–39. doi: 10.1007/s12549-015-0222-z

WoS: IF₂₀₁₅: 1,322; **Q3** (28/54) in Paleontology; **Q2** (23/49) in Biodiversity Conservation; počet citací: 12

Radaideh, O.M.A., Grassemann, B., **Melichar, R.**, Mosar, J. (2016): Detection and analysis of morphotectonic features utilizing satellite remote sensing and GIS: an example in SW Jordan. *Geomorphology*, 275, 58–79. doi: 10.1016/j.geomorph.2016.09.033

WoS: IF₂₀₁₅: 2,813; **Q1** (12/49) in Geography, Physical; **Q1** (34/184) in Geosciences, Multidisciplinary; počet citací: 44

Ramírez-Herrera, M.T., Bógalo, M.-F., **Černý, J.**, Goguitchaichvili, A., Corona, N., Machain, M.L., Edwards, A.C., Sosa, S. (2016): Historic and ancient tsunamis uncovered on the Jalisco-Colima Pacific coast, the Mexican subduction zone. *Geomorphology*, 259, 90–104. doi: 10.1016/j.geomorph.2016.02.011

WoS: IF₂₀₁₅: 2,813; **Q1** (12/49) in Geography, Physical; **Q1** (34/184) in Geosciences, Multidisciplinary; počet citací: 12

Sedláček, J., **Bábek, O.**, Kielar, O. (2016): Sediment accumulation rates and high-resolution stratigraphy of recent fluvial suspension deposits in various fluvial settings, Morava River catchment area, Czech Republic. *Geomorphology*, 254, 73–87. doi: 10.1016/j.geomorph.2015.11.011

WoS: IF₂₀₁₅: 2,813; **Q1** (12/49) in Geography, Physical; **Q1** (34/184) in Geosciences, Multidisciplinary; počet citací: 28

Škácha, P., Sejkora, J., Palatinus, L., Makovický, E., Plášil, J., **Macek, I.**, Goliáš, V. (2016): Hakite from Příbram, Czech Republic: compositional variability, crystal structure and the role in Se mineralization. *Mineralogical Magazine*, 80, 6, 1115–1128. doi: 10.1180/minmag.2016.080.038
WoS: IF₂₀₁₅: 2,212; Q2 (8/29) in Mineralogy; počet citací: 16

Švecová, E., Čopjaková, R., Losos, Z., Škoda, R., Nasdala, L., Cícha, J. (2016): Multi-stage evolution of xenotime-(Y) from Písek pegmatites, Czech Republic: an electron probe micro-analysis and Raman spectroscopy study. *Mineralogy and Petrology*, 110, 6, 747–765. doi: 10.1007/s00710-0-16-0442-6
WoS: IF₂₀₁₅: 1,180; Q3 (19/29) in Mineralogy; Q3 (53/81) in Geochemistry & Geophysics; počet citací: 16

Weiner, T., Kalvoda, J. (2016): Biostratigraphic and sedimentary record of the Annulata Events in the Moravian Karst (Famennian, Czech Republic). *Facies*, 62, 6. doi: 10.1007/s10347-015-0456-2
WoS: IF₂₀₁₅: 1,690; Q2 (17/47) in Geology; Q2 (19/54) in Paleontology; počet citací: 5

2015 (celkem 35 článků, 11 studentů spoluautorů – červeně)

Čopjaková, R., Škoda, R., Vašinová Galiová, M., **Novák, M., Cempírek, J.** (2015): Sc- and REE-rich tourmaline replaced by Sc-rich REE-bearing epidote-group mineral from the mixed (NYF plus LCT) Kracovice pegmatite (Moldanubian Zone, Czech Republic). *American Mineralogist*, 100, 7, 1434–1451. doi: 10.2138/am-2015-4863
WoS: IF₂₀₁₄: 1,964; Q2 (9/28) in Mineralogy; Q2 (37/79) in Geochemistry & Geophysics; počet citací: 35

Dill, H., **Škoda, R.** (2015): The new Nb-P apatite at Reinhardtsrieth: A keystone in the lateral and depth zonations of the Hagendorf-Pleystein Pegmatite Field, SE Germany. *Ore Geology Reviews*, 70, 208–227. doi: 10.1016/j.oregeorev.2015.04.015
WoS: IF₂₀₁₄: 3,558; Q1 (3/46) in Geology; Q1 (4/28) in Mineralogy; Q1 (1/20) in Mining & Mineral Processing; počet citací: 4

Fridrichová, J., Bačík, P., Rusinová, P., Antal, P., **Škoda, R.,** Bizovska, V., Miglierini, M. (2015): Optical and crystal-chemical changes in aquamarines and yellow beryls from Thanh Hoa province, Vietnam induced by heat treatment. *Physics and Chemistry of Minerals*, 42, 4, 287–302. doi: 10.1007/s00269-014-0719-4
WoS: IF₂₀₁₄: 1,538; Q3 (136/260) in Materials Science, Multidisciplinary; Q2 (12/28) in Mineralogy; počet citací: 17

Geršlová, E., Opletal, V., Sýkorová, I., Sedláková, I., Geršl, M. (2015): A geochemical and petrographical characterization of organic matter in the Jurasic Mikulov Marls from the Czech Republic. *International Journal of Coal Geology*, 141-142, 42–50. doi: 10.1016/j.coal.2015.03.002
WoS: IF₂₀₁₄: 3,381; Q1 (21/175) in Geosciences, Multidisciplinary; Q2 (23/89) in Energy & Fuels; počet citací: 20

Holcová, K., **Brzobohatý, R.,** Kopecká, J., **Nehyba, S.** (2015): Reconstruction of the unusual Middle Miocene (Badenian) palaeoenvironment of the Carpathian Foredeep (Lomnice/Tišnov denudational relict, Czech Republic). *Geological Quarterly*, 59, 4, 654–678. doi: 10.7306/gq.1249
WoS: IF₂₀₁₄: 1,000; Q3 (25/46) in Geology; počet citací: 22

Holcová, K., **Hrabovský, J., Nehyba, S.,** Hladilová, Š., **Doláková, N.,** Demény, A. (2015): The Langhian (Middle Badenian) carbonate production event in the Moravian part of the Carpathian Foredeep (Central Paratethys): a multiproxy record. *Facies*, 61, 1, 419. doi: 10.1007/s10347-014-0419-z
WoS: IF₂₀₁₄: 1,448; Q2 (19/46) in Geology; Q2 (18/50) in Paleontology; počet citací: 21

Kallistová, A., Skála, R., Horáček, I., Nobuyoshi, M., **Malíková, R.** (2015): Influence of sample preparation on the microstructure of tooth enamel apatite. *Journal of Applied Crystallography*, 48, 3, 763–768. doi: 10.1107/S1600576715005208
WoS: IF₂₀₁₄: 3,984; Q1 (3/23) in Crystallography; počet citací: 3

Kalvoda, J., Kumpan, T., Bábek, O. (2015): Upper Famennian and Lower Tournaisian sections of the Moravian Karst (Moravo-Silesian Zone, Czech Republic): a proposed key area for correlation of the conodont and foraminiferal zonations. *Geological Journal*, 50, 1, 17–38. doi: 10.1002/gj.2523
WoS: IF₂₀₁₄: 1,627; Q2 (85/175) in Geosciences, Multidisciplinary; počet citací: 44

Kocourková-Víšková, E., **Loun, J., Sracek, O.**, Houzar, S., Filip, J. (2015): Secondary arsenic minerals and arsenic mobility in a historical waste rock pile at Kaňk near Kutná Hora, Czech Republic. *Mineralogy and Petrology*, 109, 1, 17–33. doi: 10.1007/s00710-014-0356-0

WoS: IF₂₀₁₄: 1,349; Q2 (14/28) in Mineralogy; Q3 (47/79) in Geochemistry & Geophysics; počet citací: 13

Kotková, J., Janák, M. (2015): UHP kyanite eclogite associated with garnet peridotite and diamond-bearing granulite, northern Bohemian Massif. *Lithos*, 226, 255–264. doi: 10.1016/j.lithos.2015.01.016

WoS: IF₂₀₁₄: 4,482; Q1 (2/28) in Mineralogy; Q1 (6/79) in Geochemistry & Geophysics; počet citací: 23

Kumpan, T., Bábek, O., Kalvoda, J., Matys Grygar, T., Frýda, J., Becker, T.R., Hartenfels, S. (2015): Petrophysical and geochemical signature of the Hangenberg Events: an integrated stratigraphy of the Devonian-Carboniferous boundary interval in the Northern Rhenish Massif (Avalonia, Germany). *Bulletin of Geosciences*, 90, 3, 667–694. doi: 10.3140/bull.geosci.1547

WoS: IF₂₀₁₄: 1,515; Q3 (95/175) in Geosciences, Multidisciplinary; Q2 (13/50) in Paleontology; počet citací: 30

Lang, M., Faimon, J., Ek, C. (2015): A case study of anthropogenic impact on the CO₂ levels in low-volume profile of the Balcarka Cave (Moravian Karst, Czech Republic). *Acta Carsologica*, 44, 1, 71–80. doi: 10.3986/ac.v44i1.917

WoS: IF₂₀₁₄: 0,451; Q4 (169/175) in Geosciences, Multidisciplinary; počet citací: 11

Lang, M., Faimon, J., Ek, C. (2015): The relationship between carbon dioxide concentration and visitor numbers in the homothermic zone of the Balcarka Cave (Moravian Karst) during a period of limited ventilation. *International Journal of Speleology*, 44, 2, 167–176. doi: 10.5038/1827-806X.44.2.6

WoS: IF₂₀₁₄: 1,656; Q2 (81/175) in Geosciences, Multidisciplinary; počet citací: 21

Medaris, L.G., Ackerman, L., Jelínek, E., Michels, Z.D., Erban, V., **Kotková, J.** (2015): Depletion, cryptic metasomatism, and modal metasomatism (refertilization) of Variscan lithospheric mantle: Evidence from major elements, trace elements, and Sr-Nd-Os isotopes in a Saxothuringian garnet peridotite. *Lithos*, 226, 81–97. doi: 10.1016/j.lithos.2014.10.007

WoS: IF₂₀₁₄: 4,482; Q1 (2/28) in Mineralogy; Q1 (6/79) in Geochemistry & Geophysics; počet citací: 26

Mücke, A., **Losos, Z.** (2015): The iron/manganese occurrences of the Desná Unit of the Sobotín Amphibolite Massif, Silesicum, Czech Republic: A reply to the paper of Kropáč et al. (2012). *Chemie der Erde - Geochemistry*, 75, 1, 51–54. doi: 10.1016/j.chemer.2014.08.001

WoS: IF₂₀₁₄: 1,269; Q3 (49/79) in Geochemistry & Geophysics; počet citací: 0

Nehyba, S., Nývlt, D. (2015): “Bottomsets” of the lava-fed delta of James Ross Island Volcanic Group, Ulu Peninsula, James Ross Island, Antarctica. *Polish Polar Research*, 36, 1, 1–24. doi: 10.1515/popore-2015-0002

WoS: IF₂₀₁₄: 1,275; Q3 (114/175) Geosciences, Multidisciplinary; Q3 (99/145) in Ecology; počet citací: 13

Nehyba, S., Roetzel, R. (2015): Depositional environment and provenance analyses of the Zobing Formation (Upper Carboniferous-Lower Permian), Austria. *Austrian Journal of Earth Sciences*, 108, 2, 245–276. doi: 10.17738/ajes.2015.0025

WoS: IF₂₀₁₄: 0,774; Q4 (147/175) in Geosciences, Multidisciplinary; počet citací: 6

Novák, M., Cempírek, J., Gadas, P., Škoda, R., Vašinová Galiová, M., Pezzotta, F., Groat, L.A. (2015): Boralsilite and Li,Be-bearing “boron mullite” Al₈B₂Si₂O₁₉, breakdown products of spodumene from the Manjaka pegmatite, Sahatany Valley, Madagascar. *Canadian Mineralogist*, 53, 2, 357–373. doi: 10.3749/canmin.1400092

WoS: IF₂₀₁₄: 1,181; Q3 (17/28) in Mineralogy; počet citací: 11

Novák, M., Čopjaková, R., Dosbaba, M., Vašinová Galiová, M., **Všianský, D.**, Staněk, J. (2015): Two paragenetic types of cookeite from Dolní Bory-Hatě pegmatites, Moldanubian Zone, Czech Republic: proximal and distal alteration products of Li-bearing sekaninaite. *Canadian Mineralogist*, 53, 6, 1035–1048. doi: 10.3749/canmin.1400090

WoS: IF₂₀₁₄: 1,181; Q3 (17/28) in Mineralogy; počet citací: 9

Petrík, J., Petr, L., Šabatová, K., **Doláková, N.**, Lukšíková, H., Dohnalová, A., Chadimová, L., **Blaško, D.**, Milo, P. (2015): Reflections of Prehistoric and Medieval human activities in floodplain deposits of the Únanovka

Stream, Sout Moravia, Czech Republic. *Zeitschrift für Geomorphologie*, 59, 3, 393–412. doi: 10.1127/zfg/2015/0167

WoS: IF₂₀₁₄: 0,734; Q4 (39/46) in Geography, Physical; Q4 (154/175) in Geosciences, Multidisciplinary; počet citací: 5

Plášil, J., Hloušek, J., Kasatkin, A.V., Škoda, R., Novák, M., Čejka, J. (2015): Geschieberite, $K_2(UO_2)(SO_4)_2(H_2O)_2$, a new uranyl sulfate mineral from Jáchymov. *Mineralogical Magazine*, 79, 1, 205–216. doi: 10.1180/minmag.2015.079.1.16

WoS: IF₂₀₁₄: 2,026; Q2 (8/28) in Mineralogy; počet citací: 13

Plášil, J., Škoda, R. (2015): New crystal-chemical data for marécottite. *Mineralogical Magazine*, 79, 3, 649–660. doi: 10.1180/minmag.2015.079.3.10

WoS: IF₂₀₁₄: 2,026; Q2 (8/28) in Mineralogy; počet citací: 6

Plášil, J., Hloušek, J., Kasatkin, A.V., Novák, M., Čejka, J., Lapčák, L. (2015): Svornostite, $K_2Mg[(UO_2)(SO_4)_2]_2 \cdot 8H_2O$, a new uranyl sulfate mineral from Jáchymov, Czech Republic. *Journal of Geosciences*, 60, 2, 113–121. doi: 10.3190/jgeosci.192

WoS: IF₂₀₁₄: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 19

Prokeš, L., Vašinová Galiová, M., Hušková, S., Vaculovič, T., Hrdlička, A., Mason, A.Z., Neff, H., Přichystal, A., Kanický, V. (2015): Laser microsampling and multivariate methods in provenance studies of obsidian artefacts. *Chemical Papers*, 69, 6, 761–778. doi: 10.1515/chempap-2015-0019

WoS: IF₂₀₁₄: 1,468; Q3 (79/157) in Chemistry, Multidisciplinary; počet citací: 2

Radaideh, O.M.A., Melichar, R. (2015): Tectonic Paleostress fields in the southwestern part of Jordan: New insights from the fault-slip data in the southeastern flank of the Dead Sea Fault Zone. *Tectonics*, 34, 9, 1863–1891. doi: 10.1002/2015TC003919

WoS: IF₂₀₁₄: 3,318; Q1 (14/79) in Geochemistry & Geophysics; počet citací: 7

Suchý, V., Sandler, A., Slobodník, M., Sýkorová, I., Filip, J., Melka, K., Zeman, A. (2015): Diagenesis to very low-grade metamorphism in Lower Palaeozoic sediments: a case study from deep borehole Tobolka 1, the Barrandian Basin, Czech Republic. *International Journal of Coal Geology*, 140, 41–62. doi: 10.1016/j.coal.2014.12.015

WoS: IF₂₀₁₄: 3,381; Q1 (21/175) in Geosciences, Multidisciplinary; Q2 (23/89) in Energy & Fuels; počet citací: 12

Svoboda, J., Hladilová, Š., Horáček, I., Kaiser, J., Králík, M., Novák, J., Novák, M., Pokorný, P., Sázelová S., Smolíková, L., Zikmund, T. (2015): Dolní Věstonice IIa: Gravettian microstratigraphy, environment, and the origin of baked clay production in Moravia. *Quaternary International*, 359, 195–210. doi: 10.1016/j.quaint.2014.06.048

WoS: IF₂₀₁₄: 2,062; Q3 (24/46) in Geography, Physical; Q2 (63/175) in Geosciences, Multidisciplinary; počet citací: 23

Šimíček, D., Bábek, O. (2015): Assessing provenance of Upper Cretaceous siliciclastics using spectral gamma-ray record. *Geologica Carpathica*, 66, 4, 311–329. doi: 10.1515/geoca-2015-0028

WoS: IF₂₀₁₄: 0,761; Q4 (149/175) in Geosciences, Multidisciplinary; počet citací: 2

Šimíček, D., Bábek, O. (2015): Spectral gamma-ray logging of the Grés d'Annot, SE France: An outcrop analogue to geophysical facies mapping and well-log correlation of sand-rich turbidite reservoirs. *Marine and Petroleum Geology*, 60, 1–17. doi: 10.1016/j.marpetgeo.2014.10.010

WoS: IF₂₀₁₄: 2,639; Q1 (40/175) in Geosciences, Multidisciplinary; počet citací: 23

Škoda, R., Plášil, J., Jonsson, E., Čopjaková, R. (2015): Redefinition of thalénite-(Y) and discreditation of fluorthalénite-(Y): A re-investigation of type material from the Österby pegmatite, Dalarna, Sweden, and from addition localities. *Mineralogical Magazine*, 79, 4, 965–983. doi: 10.1180/minmag.2015.079.4.07

WoS: IF₂₀₁₄: 2,026; Q2 (8/28) in Mineralogy; počet citací: 18

Števko, M., Uher, P., Sejkora, J., Malíková, R., Škoda, R., Vaculovič, T. (2015): Phosphate minerals from the hydrothermal quartz veins in specialized S-type granites, Gemerska Poloma (Western Carpathians, Slovakia). *Journal of Geosciences*, 60, 4, 237–249. doi: 10.3190/jgeosci.202

WoS: IF₂₀₁₄: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 5

Vašinová Galiová, M., Štěpánková, K., **Čopjaková, R.**, Kuta, J., Prokeš, L., Kynický, J., Kanický, V. (2015): Preparation and testing of phosphate, oxalate and uric acid matrix-matched standards for accurate quantification of 2D elemental distribution in kidney stone sections using 213 nm nanosecond laser ablation inductively coupled plasma mass spectrometry. *Journal of Analytical Atomic Spectrometry*, 30, 6, 1356–1368. doi: 10.1039/c4ja00347k

WoS: IF₂₀₁₄: 3,466; **Q1** (6/44) in Spectroscopy; **Q1** (12/74) in Chemistry, Analytical; počet citací: 6

Wojewoda, J., **Nehyba, S.**, Gilíková, H., **Buriánek, D.** (2015): Devonian siliciclastic rocks of the Babí lom (southern Moravia, Czech Republic): sedimentary environment reconstruction and provenance study. *Geological Quarterly*, 59, 1, 229–238. doi: 10.7306/gq.1205

WoS: IF₂₀₁₄: 1,000; Q3 (25/46) in Geology; počet citací: 3

Xie, L., Wang, R.-C., Groat, L.A., Zhu, J.-C., Huang, F.-F., **Cempírek, J.** (2015): A combined EMPA and LA-ICP-MS study of Li-bearing mica and Sn-Ti oxide minerals from the Qiguling topaz rhyolite (Qitianling District, China): The role of fluorine in origin of tin mineralization. *Ore Geology Reviews*, 65, 4, 779–792. doi: 10.1016/j.oregeorev.2014.08.013

WoS: IF₂₀₁₄: 3,558; **Q1** (3/46) in Geology; **Q1** (4/28) in Mineralogy; **Q1** (1/20) in Mining & Mineral Processing; počet citací: 42

Žáček, V., Rapprich, V., Šíma, J., **Škoda, R.**, Laufek, F., Legesa, F. (2015): Kogarkoite, Na₃(SO₄)F, from the Shalo hot spring, Main Ethiopian Rift: implications for F-enrichment of thermal groundwater related to alkaline silicic volcanic rocks. *Journal of Geosciences*, 30, 3, 171–179. doi: 10.3190/jgeosci.195

WoS: IF₂₀₁₄: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 13

2014 (celkem 38 článků, 13 studentů spoluautorů – červeně)

Blecha, M., Faimon, J. (2014): Karst soils: Dependence of CO₂ concentrations on pore dimension. *Acta Carsologica*, 43, 1, 55–64. doi: neuvedeno

WoS: IF₂₀₁₃: 0,710; Q4 (144/174) in Geosciences, Multidisciplinary; počet citací: 7

Blecha, M., Faimon, J. (2014): Spatial and temporal variations in carbon dioxide (CO₂) concentrations in selected soils of the Moravian Karst (Czech Republic). *Carbonates and Evaporites*, 29, 4, 395–408. doi: 10.1007/s13146-014-0220-7

WoS: IF₂₀₁₃: 0,308; Q4 (42/44) in Geology; počet citací: 13

Boháč, M., Palou, M., Novotný, R., Masilko, J., **Všianský, D.**, Staněk, T. (2014): Investigation on early hydration of ternary Portland cement-blast-furnace slag-metakaolin blends. *Construction and Building Materials*, 64, 333–341. doi: 10.1016/j.conbuildmat.2014.04.018

WoS: IF₂₀₁₃: 2,265; **Q1** (12/124) in Engineering, Civil; **Q1** (62/251) in Materials Science, Multidisciplinary; **Q1** (7/58) in Construction & Building Technology; počet citací: 88

Breiter, K., Ackerman, L., Ďurišová, J., Svojtka, M., **Novák, M.** (2014): Trace element composition of quartz from different types of pegmatites: A case study from the Moldanubian Zone of the Bohemian Massif (Czech Republic). *Mineralogical Magazine*, 78, 3, 703–722. doi: 10.1180/minmag.2014.078.3.17

WoS: IF₂₀₁₃: 1,898; **Q2** (9/27) in Mineralogy; počet citací: 37

Čejka, J., Sejkora, J., **Macek, I.**, Frost, R.L., López, A. (2014): A vibrational spectroscopic study of a hydrated hydroxy-phosphate mineral fluellite, Al₂(PO₄)F₂(OH) · 7H₂O. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 126, 157–163. doi: 10.1016/j.saa.2014.01.116

WoS: IF₂₀₁₃: 2,129; **Q2** (19/44) in Spectroscopy; počet citací: 4

Dixon, A., **Cempírek, J.**, Groat, L.A. (2014): Mineralogy and geochemistry of pegmatites on Mount Begbie, British Columbia. *Canadian Mineralogist*, 52, 2, 129–164. doi: 10.3749/canmin.52.2.129

WoS: IF₂₀₁₃: 1,134; Q3 (17/27) in Mineralogy; počet citací: 20

Doláková, N., Holcová K., **Nehyba, S.**, Hladilová, Š., **Brzobohatý, R.**, Zagoršek K., **Hrabovský, J.**, Seko, M., Utescher, T. (2014): The Badenian parastratotype at Židlochovice from the perspective of the multiproxy study.

Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen, 271, 2, 169–201. doi: 10.1127/0077-7749/2014/0383

WoS: IF₂₀₁₃: 0,541; Q4 (45/49) in Paleontology; počet citací: 26

Dolníček, Z., Lehotský, T., **Slobodník, M.,** Hejtmánková, E., Grígelová, A., Zapletal, J. (2014): Mineral-forming and diagenetic processes related to Tertiary hydrocarbon seepage at the Bohemian Massif/Outer Western Carpathians interface: Evidence from the Habrůvka quarry, Moravia, Czech Republic. *Marine and Petroleum Geology*, 52, 77–92. doi: 10.1016/j.marpetgeo.2014.02.003

WoS: IF₂₀₁₃: 2,469; Q2 (48/174) in Geosciences, Multidisciplinary; počet citací: 3

Gadas, P., Novák, M., Cempírek, J., Filip, J., Vašinová Galiová, M., Groat, L., **Všianský, D.** (2014): Mineral assemblages, compositional variation, and crystal structure of feruvitic tourmaline from a contaminated anatectic pegmatite at Mirošov near Strážek, Modanubian Zone, Czech Republic. *Canadian Mineralogist*, 52, 2, 285–301. doi: 10.3749/canmin.52.2.285

WoS: IF₂₀₁₃: 1,134; Q3 (17/27) in Mineralogy; počet citací: 6

Geršlová, E., Schwarzbauer, J. (2014): Hydrocarbon-based indicators for characterizing potential sources of coal-derived pollution in the vicinity of the Ostrava City. *Environmental Earth Sciences*, 71, 7, 3211–3222. doi: 10.1007/s12665-013-2709-0

WoS: IF₂₀₁₃: 1,572; Q3 (113/216) in Environmental Sciences; Q2 (80/174) in Geosciences, Multidisciplinary; Q2 (33/81) in Water Resources; počet citací: 8

Ghinassi, M., Nemeč, W., Aldinucci, M., **Nehyba, S.,** Özaksoy, V., Fidolini, F. (2014): Plan-form evolution of ancient meandering rivers reconstructed from longitudinal outcrop sections. *Sedimentology*, 61, 4, 952–977. doi: 10.1111/sed.12081

WoS: IF₂₀₁₃: 2,741; Q1 (4/44) in Geology; počet citací: 71

Hladilová, Š., **Nehyba, S.,** Zagoršek, K., Tomanová-Petrová, P., Bitner, M.A., Demeny, A. (2014): Early badenian transgression on the outer flank of western carpathian foredeep, Hluchov area, Czech Republic. *Annales Societatis Geologorum Poloniae*, 84, 3, 259–279. doi: neuvedeno

WoS: IF₂₀₁₃: 0,727; Q3 (31/44) in Geology; počet citací: 12

Hönič, S., Čopjaková, R., Škoda, R., Novák, M., Dolejš, D., **Leichmann, J.,** Vašinová Galiová, M. (2014): Garnet as a major carrier of the Y and REE in the granitic rocks: An example from the layered anorogenic granite in the Brno Batholith, Czech Republic. *American Mineralogist*, 99, 10, 1922–1941. doi: 10.2138/am-2014-4728

WoS: IF₂₀₁₃: 2,059; Q2 (8/27) in Mineralogy; Q2 (33/80) in Geochemistry & Geophysics; počet citací: 31

Ivanov, D., Kováčová, M., Božukov, V., Kováč, M., **Doláková, N.** (2014): Late miocene palaeoenvironmental dynamics in central and eastern Paratethys – Preliminary results based on vegetation data. *Comptes rendus de l'Académie bulgare des sciences*, 67, 4, 557–562. doi: 10.1016/j.palaeo.2006.03.020

WoS: IF₂₀₁₃: 0,198; Q4 (49/55) in Multidisciplinary Sciences; počet citací: 1

Juráček, J. (2014): The evaluation of geological structures by the vector analysis of valley axes. *Zeitschrift für Geomorphologie*, 58, 2, 201–215. doi: 10.1127/0372-8854/2013/0113

WoS: IF₂₀₁₃: 0,661; Q4 (40/46) in Geography, Physical; Q4 (148/174) in Geosciences, Multidisciplinary; počet citací: 0

Kalvoda, J., Nudds, J., **Bábek, O.,** Howells, C. (2014): Late Chadian-early Arundian high-resolution biostratigraphy in the Ogmor-by-Sea section (South Wales–Mendip shelf) and the mid-Avonian unconformity. *Journal of the Geological Society*, 171, 1, 41–47. doi: 10.1144/jgs2013-023

WoS: IF₂₀₁₃: 2,800; Q1 (32/174) in Geosciences, Multidisciplinary; počet citací: 2

Kotková, J., Škoda, R., Machovič, V. (2014): Kumdykolite from the ultrahigh-pressure granulite of the Bohemian Massif. *American Mineralogist*, 99, 8-9, 1798–1801. doi: 10.2138/am.2014.4889

WoS: IF₂₀₁₃: 2,059; Q2 (8/27) in Mineralogy; Q2 (33/80) in Geochemistry & Geophysics; počet citací: 19

Kumpan, T., Bábek, O., Kalvoda, J., Matys Grygar, T., Frýda, J. (2014): Sea-level and environmental changes around the Devonian–Carboniferous boundary in the Namur–Dinant Basin (S Belgium, NE France): A multi-

proxy stratigraphic analysis of carbonate ramp archives and its use in regional and interregional correlations. *Sedimentary Geology*, 311, 43–59. doi: 10.1016/j.sedge.2014.06.007
WoS: IF₂₀₁₃: 2,134; **Q1** (11/44) in Geology; počet citací: 50

Kumpan, T., Bábek, O., Kalvoda, J., Frýda, J., Matys Grygar, T. (2014): A high-resolution, multiproxy stratigraphic analysis of the Devonian–Carboniferous boundary sections in the Moravian Karst (Czech Republic) and a correlation with the Carnic Alps (Austria). *Geological Magazine*, 151, 2, 201–215. doi: 10.1017/S0016756812001057
WoS: IF₂₀₁₃: 2,177; **Q2** (55/174) in Geosciences, Multidisciplinary; počet citací: 52

Lundberg, J., **Musil, R.**, Sabol, M. (2014): Sedimentary history of Za Hájovnou Cave (Moravia, Czech Republic): A unique Middle Pleistocene palaeontological site. *Quaternary International*, 339–340, 11–24. doi: 10.1016/j.quaint.2013.04.006
WoS: IF₂₀₁₃: 2,128; **Q3** (24/46) in Geography, Physical; **Q2** (58/174) in Geosciences, Multidisciplinary; počet citací: 5

Majzlan, J., Plášil, J., **Škoda, R.**, Gescher, J., Kogler, F., Ruzsnyak, A., Kusel, K., Neu, T.R., Mangold, S., Rothe, J. (2014): Arsenic-rich acid mine water with extreme arsenic concentration: mineralogy, geochemistry, microbiology, and environmental implications. *Environmental Science and Technology*, 48, 23, 13685–13693. doi: 10.1021/es5024916
WoS: IF₂₀₁₃: 5,481; **Q1** (8/216) in Environmental Sciences; **Q1** (2/46) in Engineering, Environmental; počet citací: 46

Nehyba, S. (2014): Soft-sediment deformation structures in Lower Badenian (Middle Miocene) foreshore sands and their trigger mechanism (Carpathian Foredeep Basin, Czech Republic). *Austrian Journal of Earth Sciences*, 107, 2, 23–36. doi: nevedeno
WoS: IF₂₀₁₃: 0,571; **Q4** (155/174) in Geosciences, Multidisciplinary; počet citací: 5

Plášil, J., Sejkora, J., **Škoda, R., Novák, M.**, Kasatkin, A.V., Škacha, P., Veselovský, F., Fejfarová, K., Ondruš, P. (2014): Hloušekite, (Ni,Co)Cu₄(AsO₄)₂(AsO₃OH)₂(H₂O)₉, a new member of the lindackerite supergroup from Jáchymov, Czech Republic. *Mineralogical Magazine*, 78, 5, 1341–1353. doi: 10.1180/minmag.2014.078.5.16
WoS: IF₂₀₁₃: 1,898; **Q2** (9/27) in Mineralogy; počet citací: 9

Plášil, J., **Škoda, R.**, Fejfarová, K., Čejka, J., Kasatkin, A.V., Dušek, M., Talla, D., Lapčák, L., Machovic, V., Dini, M. (2014): Hydroniumjarosite, (H₃O)⁺Fe₃(SO₄)₂(OH)₆, from Cerros Pintados, Chile: Single-crystal X-ray diffraction and vibrational spectroscopic study. *Mineralogical Magazine*, 78, 3, 535–547. doi: 10.1180/minmag.2014.078.3.04
WoS: IF₂₀₁₃: 1,898; **Q2** (9/27) in Mineralogy; počet citací: 14

Plášil, J., Kasatkin, A.V., **Škoda, R.**, Škacha, P. (2014): Klajite, MnCu₄(AsO₄)₂(AsO₃OH)₂(H₂O)₁₀, from Jáchymov (Czech Republic): the second world occurrence. *Mineralogical Magazine*, 78, 1, 119–129. doi: 10.1180/minmag.2014.078.1.09
WoS: IF₂₀₁₃: 1,898; **Q2** (9/27) in Mineralogy; počet citací: 3

Plášil, J., Veselovský, F., Hloušek, J., **Škoda, R., Novák, M.**, Sejkora, J., Čejka, J., Škacha, P., Kasatkin, A.V. (2014): Mathesiusite, K₅(UO₂)₄(SO₄)₄(VO₅)(H₂O)₄, a new uranyl vanadate-sulfate from Jáchymov, Czech Republic. *American Mineralogist*, 99, 4, 625–632. doi: 10.2138/am.2014.4681
WoS: IF₂₀₁₃: 2,059; **Q2** (8/27) in Mineralogy; **Q2** (33/80) in Geochemistry & Geophysics; počet citací: 25

Plášil, J., Sejkora, J., **Škoda, R.**, Škacha, P. (2014): The recent weathering of uraninite from the Cervena vein, Jáchymov (Czech Republic): a fingerprint of the primary mineralization geochemistry onto the alteration association. *Journal of Geosciences*, 59, 3, 223–253. doi: 10.3190/jgeosci.171
WoS: IF₂₀₁₃: 0,744; **Q4** (140/174) in Mineralogy; počet citací: 13

Příkryl, J., Novák, M., Filip, J., Gadas, P., Vašinová Galiová, M. (2014): Iron plus magnesium-bearing beryl from granitic pegmatites: an EMPA, LA-ICP-MS, Mossbauer spectroscopy, and powder XRD study. *Canadian Mineralogist*, 52, 2, 271–284. doi: 10.3749/canmin.52.1.271
WoS: IF₂₀₁₃: 1,134; **Q3** (17/27) in Mineralogy; počet citací: 14

Ramírez-Herrera, M.T., Corona, N., Lagos, M., **Černý, J.**, Goguitchaichvili, A., Goff, J., Chagué-Goff, C., Machain, M.L., Zawadzki, A., Jacobsen, G., Carranza-Edwards, A., Lozano, S., Blecher, L. (2014): Unearthing earthquakes and their tsunamis using multiple proxies: the 22 June 1932 event and a probable fourteenth-century predecessor on the Pacific coast of Mexico. *International Geology Review*, 56, 13, 1584–1601. doi: 10.1080/00206814-2014.951977

WoS: IF₂₀₁₃: 2,628; **Q1** (6/44) in Geology; počet citací: 15

Roetzel, R., de Leeuw, A., Mandic, O., Márton, E., **Nehyba, S.**, Kuiper, K.F., Scholger, R., Wimmer-Frey, I. (2014): Lower Miocene (upper Burdigalian, Karpatian) volcanic ash-fall at the south-eastern margin of the Bohemian Massif in Austria – New evidence from ⁴⁰Ar/³⁹Ar-dating, palaeomagnetic, geochemical and mineralogical investigations. *Austrian Journal of Earth Sciences*, 107, 2, 2–22. doi: neuvvedeno

WoS: IF₂₀₁₃: 0,571; **Q4** (155/174) in Geosciences, Multidisciplinary; počet citací: 17

Šesulka, V., **Sedláková, I.**, **Bábek, O.**, **Přichystal, A.** (2014): Identification of a buried Late Cenozoic maar-diatreme structure (North Moravia, Czech Republic). *Geologica Carpathica*, 65, 6, 471–479. doi: 10.1515/geoca-2015-0006

WoS: IF₂₀₁₃: 0,835; **Q3** (130/174) in Geosciences, Multidisciplinary; počet citací: 0

Urubek, T., **Dolníček, Z.**, Kropáč, K. (2014): Genesis of syntectonic hydrothermal veins in the igneous rock of teschenite association (Outer Western Carpathians, Czech Republic): growth mechanism and origin of fluids. *Geologica Carpathica*, 65, 6, 419–431. doi: 10.1515/geoca-2015-0003

WoS: IF₂₀₁₃: 0,835; **Q3** (130/174) in Geosciences, Multidisciplinary; počet citací: 8

Vašinová Galiová, M., **Čopjaková, R.**, **Škoda, R.**, Štěpánková, K., Vaňková, M., Kuta, J., Prokeš, L., Kynický, J., Kanický, V. (2014): 2D elemental mapping of sections of human kidney stones using ablation inductively-coupled plasma-mass spectrometry: Possibilities and limitations. *Spectrochimica Acta Part B: Atomic Spectroscopy*, 100, 105–115. doi: 10.1016/j.sab.2014.08.024

WoS: IF₂₀₁₃: 3,150; **Q1** (8/44) in Spectroscopy; počet citací: 12

Vítková, G., Prokeš, L., Novotný, K., Pořízka, P., Novotný, J., **Všianský, D.**, Čelko, L., Kaiser, J. (2014): Comparative study on fast classification of brick samples by combination of principal component analysis and linear discriminant analysis using stand-off and table-top laser induced breakdown spectroscopy. *Spectrochimica Acta Part B: Atomic Spectroscopy*, 101, 191–199. doi: 10.1016/j.sab.2014.08.036

WoS: IF₂₀₁₃: 3,150; **Q1** (8/44) in Spectroscopy; počet citací: 44

Všianský, D., Kolář, J., **Petřík, J.** (2014): Continuity and changes of manufacturing traditions of Bell Beaker and Bronze Age encrusted pottery in the Morava river catchment (Czech Republic). *Journal of Archaeological Science*, 49, 414–422. doi: 10.1016/j.jas.2014.05.028

WoS: IF₂₀₁₃: 2,139; **Q2** (56/174) in Geosciences, Multidisciplinary; počet citací: 14

Wright, D., Nejman, L., d'Errico, F., Králík, M., Wood, R., **Ivanov, M.**, **Hladilová, Š.** (2014): An Early Upper Palaeolithic decorated bone tubular rod from Pod Hradem Cave, Czech Republic. *Antiquity*, 88, 339, 30–46. doi: 10.1017/S0003598X00050201

WoS: IF₂₀₁₃: 1,594; **Q1** (16/82) in Anthropology; počet citací: 15

Zachariáš, J., Morávek, P., **Gadas, P.**, Pertoldová, J. (2014): The Mokrsko-West gold deposit, Bohemian Massif, Czech Republic: Mineralogy, deposit setting and classification. *Ore Geology Reviews*, 58, 238–263. doi: 10.1016/j.oregeorev.2013.11.005

WoS: IF₂₀₁₃: 3,383; **Q1** (3/44) in Geology; **Q1** (4/27) in Mineralogy; **Q1** (1/21) in Mining & Mineral Processing; počet citací: 39

Zvěřina, O., Coufalík, P., Komárek, J., **Gadas, P.**, Sysalová, J. (2014): Mercury associated with size-fractionated urban particulate matter: three years of sampling in Prague, Czech Republic. *Chemical Papers*, 68, 2, 197–202. doi: 10.2478/s11696-013-0436-3

WoS: IF₂₀₁₃: 1,193; **Q3** (89/148) in Chemistry, Multidisciplinary; počet citací: 6

2013 (celkem 37 článků, 16 studentů spoluautorů – červeně)

- Bábek, O., Kalvoda, J.,** Cossey, P., **Šimíček, D.,** Devuyst, F., Hargreaves, S. (2013): Facies and petrophysical signature of the Tournaisian/Viséan (Lower Carboniferous) sea-level cycle in carbonate ramp to basinal settings of the Wales-Brabant massif, British Isles. *Sedimentary Geology*, 284-285, 1, 197–213. doi: 10.1016/j.sedgeo.2012.12.008
WoS: IF₂₀₁₂: 1,802; **Q1** (11/47) in Geology; počet citací: 38
- Bačík, P., Cempírek, J., Uher, P., **Novák, M.,** Ozdín, D., Filip, J., **Škoda, R., Breiter, K.,** Klementová, M., Ďud'a, R., Groat, L. (2013): Oxy-schorl, Na(Fe²⁺₂Al)Al₆Si₆O₁₈(BO₃)₃(OH)₃O, a new mineral from Zlatá Idka, Slovak Republic and Příbyslavice, Czech Republic. *American Mineralogist*, 98, 485–492. doi: 10.2138/am.2013.4293
WoS: IF₂₀₁₂: 2,204; **Q2** (7/26) in Mineralogy; **Q2** (25/76) in Geochemistry & Geophysics; počet citací: 35
- Baroň, I., **Kernstocková, M.,** Faridi, M., Bubík, M., Milovský, R., **Melichar, R.,** Sabouri, J., Babůrek, J. (2013): Paleostress analysis of a gigantic gravitational mass movement in active tectonic setting: The Qoshadagh slope failure, Ahar, NW Iran. *Tectonophysics*, 605, 70–87. doi: 10.1016/j.tecto.2013.07.020
WoS: IF₂₀₁₂: 2,684; **Q2** (20/76) in Geochemistry & Geophysics; počet citací: 27
- Cempírek, J.,** Houzar, S., **Novák, M.,** Groat, L.A., Selway, J.B., Šrein, V. (2013): Crystal structure and compositional evolution of vanadium-rich oxy-dravite from graphite quartzite at Bítovánky, Czech Republic. *Journal of Geosciences*, 58, 149–162. doi: 10.3190/jgeosci.139
WoS: IF₂₀₁₂: 0,804; **Q4** (134/172) in Geosciences, Multidisciplinary; počet citací: 31
- Čopjaková, R., Škoda, R.,** Vašinová Galiová, M., **Novák, M.** (2013): Distributions of Y + REE and Sc in tourmaline and their implications for the melt evolution; examples from NYF pegmatites of the Třebíč Pluton, Moldanubian Zone, Czech Republic. *Journal of Geosciences*, 58, 113–131. doi: 10.3190/jgeosci.138
WoS: IF₂₀₁₂: 0,804; **Q4** (134/172) in Geosciences, Multidisciplinary; počet citací: 32
- Dill, H.G., **Škoda, R.,** Weber, B., Muller, A., Berner, Z.A., Wemmer, K., Balaban, S. (2013): Mineralogical and chemical composition of the Hagendorf-North Pegmatite, SE Germany - a monographic study. *Neues Jahrbuch für Mineralogie - Abhandlungen*, 190, 3, 281–318. doi: 10.1127/0077-7757/2013/0244
WoS: IF₂₀₁₂: 0,755; **Q4** (22/26) in Mineralogy; počet citací: 13
- Faimon, J., Lang, M.** (2013): Variances in airflows during different ventilation modes in a dynamic U-shaped cave. *International Journal of Speleology*, 42, 2, 115–122. doi: 10.5038/1827-806X.42.2.3
WoS: IF₂₀₁₂: 1,344; **Q3** (93/172) in Geosciences, Multidisciplinary; počet citací: 33
- Faměra, M., Bábek, O.,** Matys Grygar, T., Nováková, T. (2013): Distribution of heavy-metal contamination in regulated river-channel deposits: a magnetic susceptibility and grain-size approach; River Morava, Czech Republic. *Water, Air and Soil Pollution*, 224, 5, nestránkováno. doi: 10.1007/s11270.013-1525-1
WoS: IF₂₀₁₂: 1,748; **Q3** (106/210) in Environmental Sciences; **Q2** (37/74) in Meteorology & Atmospheric Sciences; **Q2** (27/80) in Water Resources; počet citací: 24
- Fejfarová, K., Dušek, M., Plášil, J., Čejka, J., Sejkora, J., **Škoda, R.** (2013): Reinvestigation of the crystal structure of kasolite, Pb[(UO₂)(SiO₄)](H₂O), an important alteration product of uraninite, UO_{2+x}. *Journal of Nuclear Materials*, 434, 1-3, 461–467. doi: 10.1016/j.jnucmat.2010.11.064
WoS: IF₂₀₁₂: 1,211; **Q3** (125/241) in Materials Science, Multidisciplinary; **Q2** (9/34) in Nuclear Science & Technology; **Q1** (4/20) in Mining & Mineral Processing; počet citací: 12
- Gadas, P., Novák, M., Talla, D.,** Vašinová Galiová, M. (2013): Compositional evolution of grossular garnet from leucotonalitic pegmatite at Ruda nad Moravou, Czech Republic; a complex EMPA, LA-ICP-MS, IR and CL study. *Mineralogy and Petrology*, 107, 2, 311–326. doi: 10.1007/s00710-012-0232-8
WoS: IF₂₀₁₂: 1,681; **Q2** (9/26) in Mineralogy; **Q2** (34/76) in Geochemistry & Geophysics; počet citací: 16
- Hanuláková, D., Zeman, J.,** Vašíček, R., Příkryl, R., **Kuchovský, T.** (2013): Determination of pore water composition during long term interaction of bentonite substrates with water media: Comparative study. *Applied Clay Science*, 80-81, 69–75. doi: 10.1016/j.clay.2013.06.006
WoS: IF₂₀₁₂: 2,342; **Q2** (52/241) in Materials Science, Multidisciplinary; **Q1** (5/26) in Mineralogy; **Q2** (59/135) in Chemistry, Physical; počet citací: 6
- Henry, D.J., **Novák, M.,** Hawthorne, F.C., Ertl, A., Dutrow, B.L., Uher, P., Pezzotta, F. (2013): Nomenclature of

the tourmaline-supergroup minerals (vol 96, pg 895, 2011). *American Mineralogist*, 98, 2-3, 524. doi: 10.2138/am.2013.614

WoS: IF₂₀₁₂: 2,204; **Q2** (7/26) in Mineralogy; **Q2** (25/76) in Geochemistry & Geophysics; počet citací: 13

Kubát, V., **Losos, Z.**, Trávníček, Z., Novosad, J. (2013): A new synthetic route for the preparation of metal tellurides. *Inorganic Chemistry Communications*, 38, 8–10. doi: 10.1016/j.inoche.2013.10.003

WoS: IF₂₀₁₂: 2,016; **Q2** (16/44) in Chemistry, Inorganic & Nuclear; počet citací: 2

Kuta, J., Machát, J., Benová, D., Červenka, R., **Zeman, J.**, Martinec, P. (2013): Association of minor and trace elements with mineralogical constituents of urinary stones: A hard nut to crack in existing studies of urolithiasis. *Environmental Geochemistry and Health*, 35, 4, 511–522. doi: 10.1007/s10653-013-9511-5

WoS: IF₂₀₁₂: 2,076; **Q2** (85/210) in Environmental Sciences; **Q2** (55/161) in Public, Environmental & Occupational Health; **Q1** (18/80) in Water Resources; **Q2** (17/42) in Engineering, Environmental; počet citací: 22

Lenz, Ch., **Talla, D.**, Ruschel, K., Škoda, R., Goetze, J., Nasdala, L. (2013): Factors affecting the Nd³⁺ (REE³⁺) luminescence of minerals. *Mineralogy and Petrology*, 107, 3, 415–428. doi: 10.1007/s00710-013-0286-2

WoS: IF₂₀₁₂: 1,681; **Q2** (9/26) in Mineralogy; **Q2** (34/76) in Geochemistry & Geophysics; počet citací: 41

Losos, Z., **Kovář, O.**, Houzar, S., **Zeman, J.** (2013): Rare hydrated Mg-carbonate-hydroxide assemblage of serpentinite fissures in Hrubšice, western Moravia (Czech Republic): a genetic model of its formation. *Neues Jahrbuch für Mineralogie - Abhandlungen*, 190, 3, 253–263. doi: 10.1127/0077-7757/2013/0242

WoS: IF₂₀₁₂: 0,755; **Q4** (22/26) in Mineralogy; počet citací: 4

Nejman, L., Wright, D., **Lisá, L.**, **Doláková, N.**, Horáček, I., Novák, J., Wood, R., Pacher, M., Sázellová, S., Holub, M., **Přichystal, A.**, Nývltová Fišáková, M., Bajer, A. (2013): Hominids and palaeoenvironments in the Moravian Karst during Marine Isotope Stage 3: new excavations in Pod Hradem Cave, Czech Republic. *Antiquity*, 87, 337. doi: neuvedeno

WoS: IF₂₀₁₂: 1,439; **Q2** (24/83) in Anthropology; počet citací: 2

Novák, M., Ertl, A., Povondra, P., Vašinová Galiová, M., Rossman, G.R., Pristacz, H., Prem, M., Giester, G., **Gadas, P.**, **Škoda, R.** (2013): Darrellhenryite, Na(LiAl₂)Al₆(BO₃)₃Si₆O₁₈(OH)₃O, a new mineral from the tourmaline supergroup. *American Mineralogist*, 98, 1886–1892. doi: 10.2138/am.2013.4416

WoS: IF₂₀₁₂: 2,204; **Q2** (7/26) in Mineralogy; **Q2** (25/76) in Geochemistry & Geophysics; počet citací: 20

Novák, M., **Kadlec, T.**, **Gadas, P.** (2013): Geological position, mineral assemblages and contamination of granitic pegmatites in the Moldanubian Zone, Czech Republic; examples from the Vlastějovice region. *Journal of Geosciences*, 58, 21–47. doi: 10.3190/jgeosci.132

WoS: IF₂₀₁₂: 0,804; **Q4** (134/172) in Geosciences, Multidisciplinary; počet citací: 31

Ondruš, P., Skála, R., Plášil, J., Sejkora, J., Veselovský, F., Čejka, J., Kallistova, A., Hloušek, J., Fejfarová, K., **Škoda, R.**, Dušek, M., Gabašová, A., Machovič, V., Lapčák, L. (2013): Svenekite, Ca[AsO₂(OH)₂]₂, a new mineral from Jáchymov, Czech Republic. *Mineralogical Magazine*, 2013, 77, 6, 2711–2724. doi: 10.1180/minmag.2013.077.6.02

WoS: IF₂₀₁₂: 2,212; **Q1** (6/26) in Mineralogy; počet citací: 4

Pánek, T., Smolková, V., Hradecký, J., **Sedláček, J.**, Zernitskaya, V., Kadlec, J., Pazdur, A., Řehánek, T. (2013): Late-Holocene evolution of a floodplain impounded by the Smrduta landslide, Carpathian Mountains (Czech Republic). *Holocene*, 23, 2, 218–229. doi: 10.1177/0959683612455539

WoS: IF₂₀₁₂: 3,218; **Q1** (8/45) in Geography, Physical; **Q1** (22/172) in Geosciences, Multidisciplinary; počet citací: 13

Petřík, J., Vostrovská, I. (2013): Evolution of the scientific approach to prehistoric pottery in the area of the former Czechoslovakia. *Anthropologie*, 51, 2, 301–322. doi: neuvedeno

WoS: IF₂₀₁₂: 0,553; **Q3** (46/83) in Anthropology; počet citací: 0

Plášil J., Fejfarová, K., Dušek, M., **Škoda, R.**, Rohlíček, J. (2013): Revision of the symmetry and the crystal structure of čejkaite, Na₄(UO₂)(CO₃)₃. *American Mineralogist*, 2013, 98, 4, 549–553. doi: 10.2138/am.2013.4331

WoS: IF₂₀₁₂: 2,204; **Q2** (7/26) in Mineralogy; **Q2** (25/76) in Geochemistry & Geophysics; počet citací: 8

Plášil, J., Fejfarová, K., Čejka, J., Dušek, M., Škoda, R., Sejkora, J. (2013): Revision of the crystal structure and chemical formula of haiweeite, $\text{Ca}(\text{UO}_2)_2(\text{Si}_5\text{O}_{12})(\text{OH})_2 \cdot 6\text{H}_2\text{O}$. *American Mineralogist* 98, 4, 718–723. doi: 10.2138/am.2013.4284

WoS: IF₂₀₁₂: 2,204; **Q2** (7/26) in Mineralogy; **Q2** (25/76) in Geochemistry & Geophysics; počet citací: 16

Plášil, J., Fejfarová, K., Škoda, R., Dušek, M., Marty, J., Čejka, J. (2013): The crystal structure of magnesiozippeite, $\text{Mg}[(\text{UO}_2)_2\text{O}_2(\text{SO}_4)](\text{H}_2\text{O})_{3.5}$, from East Saddle Mine, San Juan County, Utah (USA). *Mineralogy and Petrology*, 107, 2, 211–219. doi: 10.1007/s00710-012-0241-7

WoS: IF₂₀₁₂: 1,681; **Q2** (9/26) in Mineralogy; **Q2** (34/76) in Geochemistry & Geophysics; počet citací: 15

Plášil, J., Fejfarová, K., Hloušek, J., Škoda, R., Novák, M., Sejkora, J., Čejka, J., Dušek M., Veselovský, F., Ondruš, P., Majzlan, J., Mrázek Z. (2013): Štěpíte, $\text{U}(\text{AsO}_3\text{OH})_2 \cdot 4\text{H}_2\text{O}$, from Jáchymov, Czech Republic: the first natural arsenate of tetravalent uranium. *Mineralogical Magazine*, 77, 1, 137–152. doi: 10.1180/minmag.2013.077.1.12

WoS: IF₂₀₁₂: 2,212; **Q1** (6/26) in Mineralogy; počet citací: 12

Plášil, J., Hloušek, J., Škoda, R., Novák, M., Sejkora, J., Čejka, J., Veselovský, F., Majzlan, J. (2013): Vysokýite, $\text{U}^{4+}[\text{AsO}_2(\text{OH})_2]_4 \cdot 4\text{H}_2\text{O}$, a new mineral from Jáchymov, Czech Republic. *Mineralogical Magazine*, 77, 8, 3055–3066. doi: 10.1180/minmag.2013.077.8.01

WoS: IF₂₀₁₂: 2,212; **Q1** (6/26) in Mineralogy; počet citací: 7

Plášil, J., Kampf, A., Kasatkin, A.V., Marty, J., Škoda, R., Silva, S., Čejka, J. (2013): Meisserite, $\text{Na}_5(\text{UO}_2)(\text{SO}_4)_3(\text{SO}_3\text{OH})(\text{H}_2\text{O})$, a new uranyl sulfate mineral from the Blue Lizard mine, San Juan County, Utah, USA. *Mineralogical Magazine*, 77, 7, 2975–2988. doi: 10.1180/minmag.2013.077.7.07

WoS: IF₂₀₁₂: 2,212; **Q1** (6/26) in Mineralogy; počet citací: 31

Plášil, J., Kasatkin, A.V., Škoda, R., Novák, M., Kallistová, A., Dušek, M., Skála, R., Fejfarová, K., Čejka, J., Meisser, N., Goethals, H., Machovič, V., Lapčák, L. (2013): Leydetite, $\text{Fe}(\text{UO}_2)(\text{SO}_4)_2(\text{H}_2\text{O})_{11}$, a new uranyl sulfate mineral from Mas d'Alary, Lodeve, France. *Mineralogical Magazine*, 77, 4, 429–441. doi: 10.1180/minmag.2013.077.4.03

WoS: IF₂₀₁₂: 2,212; **Q1** (6/26) in Mineralogy; počet citací: 20

Ptáček, J., Melichar, R., Hájek, A., Koníček, P., Souček, K., Stas, L., Kříž, P., Lazarek, J. (2013): Structural analysis within the Rožná and Olší uranium deposits (Strážek Moldanobicum) for the estimation of deformation and stress conditions of underground gas storage. *Acta Geodynamica et Geomaterialia*, 10, 2, 237–247. doi: 10.13168/AGG.2013.0024

WoS: IF₂₀₁₂: neuvédeno; počet citací: 6

Sedláček, J., Bábek, O., Matys Grygar, T. (2013): Trends and evolution of contamination in a well-dated water reservoir sedimentary archive: the Brno Dam, Moravia, Czech Republic. *Environmental Earth Sciences*, 69, 8, 2581–2593. doi: 10.1007/s12665-012-2089-x

WoS: IF₂₀₁₂: 1,445; **Q3** (120/210) in Environmental Sciences; **Q2** (86/172) in Geosciences, Multidisciplinary; **Q2** (35/80) Water Resources; počet citací: 21

Talla, D., Wildner, M., Beran, A., Škoda, R., Losos, Z. (2013): On the presence of hydrous defects in differently coloured wulfenites (PbMoO_4): an infrared and optical spectroscopic study. *Physics and Chemistry of Minerals*, 40, 757–769. doi: 10.1007/s00269-013-0610-8

WoS: IF₂₀₁₂: 1,304; **Q2** (113/241) in Materials Science, Multidisciplinary; **Q2** (11/26) in Mineralogy; počet citací: 4

Ulrych, J., Ackerman, L., Balogh, K., Hegner, E., Jelínek, E., Pécskay Z., Přichystal, A., Upton, B. G. J., Zimák, J., Foltýnová, R. (2013): Plio-Pleistocene basanitic and melilititic series of the Bohemian Massif: K-Ar ages, major/trace element and Sr-Nd isotopic data. *Chemie der Erde - Geochemistry*, 73, 429–450. doi: 10.1016/j.chemer.2013.02.001

WoS: IF₂₀₁₂: 1,351; **Q3** (45/76) in Geochemistry & Geophysics; počet citací: 32

Uher, P., Škoda, R., London, D. (2013): Foreword to the thematic set on „Granitic pegmatites: mineralogy and evolution (a special issue honoring the 60th birthday of Prof. Milan Novák)“. *Journal of Geosciences*, 58, 2, 77–78. doi: 10.3190/jgeosci.143

WoS: IF₂₀₁₂: 0,804; Q4 (134/172) in Geosciences, Multidisciplinary; počet citací: 0

Vašinová Galiová, M., Nývltová Fišáková, M., Kynický, J., Prokeš, L., Neff, H., Mason, A.Z., Gadas, P., Košler, J., Kanický, V. (2013): Elemental mapping in fossil tooth root section of *Ursus arctos* by laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS). *Talanta*, 105, 235–243. doi: 10.1016/j.talanta.2012.12.037

WoS: IF₂₀₁₂: 3,498; Q1 (12/75) in Chemistry, Analytical; počet citací: 26

Vlačiky, M., Michalík, T., Nývltová Fišáková, M., Nývlt, D., Moravcová M., Králík, M., Kovanda, J., Péková, K., Přichystal, A., Dohnalová, A. (2013): Gravettian occupation of the Beckov Gate in Western Slovakia as viewed from the interdisciplinary research of the Trenčianske Bohuslavice-Pod Tureckom site. *Quaternary International*, 294, 41–60. doi: 10.1016/j.quaint.2011.09.004

WoS: IF₂₀₁₂: 1,962; Q2 (21/45) in Geography, Physical; Q2 (58/172) in Geosciences, Multidisciplinary; počet citací: 19

Wiśniewski, A., Adamiec, G., Badura, J., Bluszcz, A., Kowalska, A., Kufel-Diakowska, B., Mikołajczyk, A., Murczkiewicz, M., Musil, R., Przybylski, B., Skrzypek, G., Stefaniak, K., Zych, J. (2013): Occupation dynamics north of the Carpathians and Sudetes during the Weichselian (MIS5d-3): The Lower Silesia (SW Poland) case study. *Quaternary International* 294, 20–40. doi: 10.1016/j.quaint.2011.09.016

WoS: IF₂₀₁₂: 1,962; Q2 (21/45) in Geography, Physical; Q2 (58/172) in Geosciences, Multidisciplinary; počet citací: 32

2012 (celkem 39 článků, 15 studentů spoluautorů – červeně)

Bačík, P., Uher, P., Cempírek, J., Valucovič, T. (2012): Magnesian tourmalines from plagioklase-muscovite-scapolite metaevaporite leayers in dolomite marble near Prosetin (Olesnice Unit, Moravicum, Czech Republic). *Journal of Geosciences*, 57, 3, 143–153. doi: 10.3190/jgesoci.120

WoS: IF₂₀₁₁: 1,279; Q3 (89/170) in Geosciences, Multidisciplinary; počet citací: 20

Bermanec, V., Horvat, M., Gobac, Ž.Ž., Zebec, V., Scholz, R., Škoda, R., Wegner, R., de Brito Barreto, S., Dódon, I. (2012): Pseudomorphs of low microcline after adularia fourlings from the Alto da Cabeça (Boqueirão) and Morro Redondo pegmatites, Brazil. *Canadian Mineralogist*, 50, 4, 975–987. doi: 10.3749/canmin.50.4.975

WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 3

Breiter, K., Svojtka, M., Ackerman, L., Švecová, K. (2012): Trace element composition of quartz from the Variscan Teplice caldera (Krušné hory/Erzgebirge Mts., Czech Republic/Germany): Insights into the volcano-plutonic complex evolution. *Chemical Geology*, 326-327, 36–50. doi: 10.1016/j.chemgeo.2012.07.028

WoS: IF₂₀₁₁: 3,518; Q1 (7/76) in Geochemistry & Geophysics; počet citací: 61

Breiter, K., Škoda, R. (2012): Vertical zonality of fractionated granite plutons reflected in zircon chemistry: the Cínovec A-type versus the Beauvoir S-type suite. *Geologica Carpathica*, 63, 5, 383–398. doi: 10.2478/v10096-012-0030-6

WoS: IF₂₀₁₁: 0,787; Q4 (132/170) in Geosciences, Multidisciplinary; počet citací: 29

Černý, P., London, D., Novák, M. (2012): Granitic pegmatites as reflections of their sources. *Elements*, 8, 289–294. doi: 10.2113/gselements.8.4.289

WoS: IF₂₀₁₁: 2,423; Q1 (5/26) in Mineralogy; Q2 (21/176) in Geochemistry & Geophysics; počet citací: 205

Dill, H.G., Škoda, R., Weber, B., Berner, Z.A., Müller, A., Bakker, R.J. (2012): A newly discovered swarm of shear-zone-hosted Bi–As–Fe–Mg–P-rich aplites and pegmatites in the Hagendorf–Pleystein pegmatite province, Southeastern Germany: A step closer to the metamorphic root of pegmatites. *Canadian Mineralogist*, 50, 4, 943–974. doi: 10.3749/canmin.50.4.943

WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 16

- Dosbaba, M., Novák, M.** (2012): Quartz replacement by "kerolite" in graphic quartz-feldspar intergrowths from the Věžná I pegmatite, Czech Republic; A complex desilicification process related to episyenitization. *Canadian Mineralogist*, 50, 6, 1609–1622. doi: 10.3749/canmin.50.6.1609
WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 14
- Faimon, J., Ličbinská, M., Zajíček, P., Sracek, O.** (2012): Partial pressures of CO₂ in epikarstic zone deduced from hydrogeochemistry of permanent drips, the Moravian Karst, Czech Republic. *Acta Carsologica*, 41, 1, 47–57. doi: neuvedeno
WoS: IF₂₀₁₁: 0,757; Q4 (136/170) in Geosciences, Multidisciplinary; počet citací: 32
- Faimon, J., Troppová, D., Baldík, V., Novotný, R.** (2012): Air circulation and its impact on microclimatic variables in the Císařská Cave (Moravian Karst, Czech Republic). *International Journal of Climatology*, 32, 599–623. doi: 10.1002/joc.2298
WoS: IF₂₀₁₁: 2,906; Q1 (17/71) in Meteorology & Atmospheric Sciences; počet citací: 63
- Faimon, J., Ličbinská, M., Zajíček, P.** (2012): Relationship between carbon dioxide in Balcarka Cave and adjacent soils in the Moravian Karst region of the Czech Republic. *International Journal of Speleology*, 41, 1, 17–28. doi: 10.5038/1827-806X.41.1.3
WoS: IF₂₀₁₁: 2,000; Q2 (48/170) in Geosciences, Multidisciplinary; počet citací: 32
- Fejfarová, K., **Plášil, J.**, Yang, H., Čejka, J., Dušek, M., Downs, R.T., Barkley, M.C., **Škoda, R.** (2012): Revision of the crystal structure and chemical formula of weeksite, K₂(UO₂)₂(Si₅O₁₃) · 4H₂O. *American Mineralogist*, 97, 750–754. doi: 10.2138/am.2012.4025
WoS: IF₂₀₁₁: 2,169; Q1 (6/26) in Mineralogy; Q2 (26/76) in Geochemistry & Geophysics; počet citací: 8
- Filip, J., Bosí, F., **Novák, M.**, Skogby, H., Tuček, J., Čuda, J., Wildner, M. (2012): Iron redox reactions in the tourmaline structure: High-temperature treatment of Fe³⁺-rich schorl. *Geochimica et Cosmochimica Acta*, 86, 239–256. doi: 10.1016/j.gca.2012.02.031
WoS: IF₂₀₁₁: 4,259; Q1 (3/76) in Geochemistry & Geophysics; počet citací: 60
- Gadas, P., Novák, M., Staněk, J., Filip, J., Vašinová Galiová, M.** (2012): Compositional evolution of zoned tourmaline crystals from pockets in common pegmatites, the Moldanubian Zone, Czech Republic. *Canadian Mineralogist*, 50, 4, 895–912. doi: 10.3749/canmin.50.4.895
WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 29
- Galliski, M.Á., London, D., **Novák, M.**, Martin, R.F. (2012): Granitic pegmatites and their minerals: a tribute to Petr Černý preface. *Canadian Mineralogist*, 50, 4, 777–780. doi: 10.3749/canmin.50.4.777
WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 0
- Galliski, M.Á., London, D., **Novák, M.**, Martin, R.F. (2012): Granitic pegmatites and their minerals: a second tribute to Petr Černý preface. *Canadian Mineralogist*, 50, 6, 1441–1444. doi: 10.3749/canmin.50.6.1441
WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 0
- Galliski, M.Á., Márquez-Zavalía, M.F., Lira, R., Cempírek, J., **Škoda, R.** (2012): Mineralogy and origin of the dumortierite-bearing pegmatites of Viorco, San Luis, Argentina. *Canadian Mineralogist*, 50, 4, 873–894. doi: 10.3749/canmin.50.4.873
WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 18
- Kalvoda, J., Bábek, O., Aretz, M., Cossey, P., Devuyst, F.X., Hargreaves, S., Nudds, J.** (2012): High resolution biostratigraphy of the Tournaisian-Viséan boundary interval in the North Staffordshire Basin and correlation with the South Wales-Mendip Shelf. *Bulletin of Geosciences*, 87, 3, 497–541. doi: 10.3140/bull.geosci.1338
WoS: IF₂₀₁₁: 1,099; Q3 (102/170) in Geosciences, Multidisciplinary; Q2 (24/49) in Paleontology; počet citací: 4
- Kropáč, K., **Buriánek, D., Zimák, J.** (2012): Origin and metamorphic evolution of Fe-Mn-rich garnetites (coticles) in the Desná Unit (Silesicum, NE Bohemian Massif). *Chemie der Erde - Geochemistry*, 72, 3, 219–236. doi: 10.1016/j.chemer.2011.11.002
WoS: IF₂₀₁₁: 1,447; Q3 (39/76) in Geochemistry & Geophysics; počet citací: 4

- Kučera, J., **Zeman, J.**, Mandl, M., Černá H. (2012): Stoichiometry of bacterial anaerobic oxidation of elemental sulfur by ferric iron. *Antonie van Leeuwenhoek International Journal of General and Molecular Microbiology*, 101, 4, 919–922. doi: 10.1007/s10482-012-9699-x
WoS: IF₂₀₁₁: 2,091; Q4 (98/125) in Microbiology; počet citací: 11
- Leichmann, J., Kořistková, T., Zeman, J., Pacík, D.** (2012): Microstructural analysis of a urinary stone as evidence of experimentally observed processes of their formation. *Urological Research*, 40, 6, 791–792. doi: 10.1007/s00240-012-0493-z
WoS: IF₂₀₁₁: 1,233; Q3 (54/73) in Urology & Nephrology; počet citací: 0
- Majzlan, J., Drahota, P., Filippi, M., Grevel, K.-D., Kahl, W.-A., **Plášil, J.**, Boerio-Goates, J., Woodfield, B.F. (2012): Thermodynamic properties of scorodite and parascorodite (FeAsO₄ · 2H₂O), kaňkite (FeAsO₄ · 3.5H₂O), and FeAsO₄. *Hydrometallurgy*, 117-118, 47–56. doi: 10.1016/j.hydromet.2012.02.002
WoS: IF₂₀₁₁: 2,027; Q1 (5/75) in Metallurgy & Metallurgical Engineering; počet citací: 62
- Majzlan, J., Lazic, B., Armbruster, T., Johnson, M.B., White, M.A., Fisher, R.A., **Plášil, J., Loun, J., Škoda, R., Novák, M.** (2012): Crystal structure, thermodynamic properties, and paragenesis of bukovskýite, Fe₂(AsO₄)(SO₄)(OH) · 9H₂O. *Journal of Mineralogical and Petrological Sciences*, 107, 3, 133–148. doi: 10.2465/jmps.110930
WoS: IF₂₀₁₁: 0,607; Q4 (23/26) in Mineralogy; počet citací: 25
- Matys Grygar, T., **Sedláček, J., Bábek, O.**, Nováková, T., Strnad, L., Mihaljevič, M. (2012): Regional contamination of Moravia (South-Eastern Czech Republic): Temporal shift of Pb and Zn loading in fluvial sediments. *Water Air and Soil Pollution* 223, 2, 739–753. doi: 10.1007/s11270-011-0898-2
WoS: IF₂₀₁₁: 1,625; Q2 (101/205) in Environmental Sciences; Q3 (37/71) in Meteorology & Atmospheric Sciences; Q2 (24/78) in Water Resources; počet citací: 35
- Melleton, J., Gloaguen, E., Frei, D., **Novák, M., Breiter, K.** (2012): How are the emplacement of rare-element pegmatites, regional metamorphism and magmatism interrelated in the Moldanubian Domain of Variscan Bohemian Massif, Czech Republic? *Canadian Mineralogist*, 50, 6, 1751–1773. doi: 10.3749/canmin.50.6.1751
WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 76
- Nehyba, S., Roetzel, R., Maštera, L.** (2012): Provenance analysis of the Permo-Carboniferous fluvial sandstones of the southern part of the Boskovice Basin and the Zöbing Area (Czech Republic, Austria): implication for paleogeographical reconstructions of the post-Variscan collapse basins. *Geologica Carpathica*, 63, 5, 365–382. doi: 10.2478/v10096-012-0029-z
WoS: IF₂₀₁₁: 0,787; Q4 (132/170) in Geosciences, Multidisciplinary; počet citací: 14
- Nerudová, Z., Neruda, P., **Přichystal, A.** (2012): A unique raw material from Early Upper Palaeolithic layers in the Pod hradem Cave (Moravian Karst, Czech Republic) – interpretative problems. *Anthropologie*, 50, 4, 463–474. doi: neuvedeno
WoS: IF₂₀₁₁: 0,690; Q2 (35/81) in Anthropology; počet citací: 1
- Novák, M., Škoda, R., Gadas, P., Krmíček, L., Černý, P.** (2012): Contrasting origins of the mixed signature in granitic pegmatites; examples from the Moldanubian Zone, Czech Republic. *Canadian Mineralogist*, 50, 4, 1077–1094. doi: 10.3749/canmin.50.4.1077
WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 53
- Plášil, J.,** Fejfarová, K., Skála, R., **Škoda, R.,** Meisser, N., Hloušek, J., Císařová, I., Dušek, M., Veselovský, F., Čejka, J., Sejkora, J., Ondruš, P. (2012): The crystal chemistry of the uranyl carbonate mineral grimselite, (K,Na)₃Na[(UO₂)(CO₃)₃](H₂O), from Jáchymov, Czech Republic. *Mineralogical Magazine*, 76, 446–453. doi: 10.1180/minmag.2012.076.3.01
WoS: IF₂₀₁₁: 1,321; Q2 (12/26) in Mineralogy; počet citací: 6
- Plášil, J.,** Fejfarová, K., Wallwork, K.S., Dušek, M., **Škoda, R.,** Sejkora, J., Čejka, J., Veselovský, F., Hloušek, J., Meisser, N., Brugger, J. (2012): Crystal structure of pseudojohannite, with a revised formula, Cu₃(OH)₂[(UO₂)₄O₄(SO₄)₂](H₂O)₁₂. *American Mineralogist*, 97, 1796–1803. doi: 10.2138/am.2012.4127
WoS: IF₂₀₁₁: 2,169; Q1 (6/26) in Mineralogy; Q2 (26/76) in Geochemistry & Geophysics; počet citací: 21

Plášil, J., Hauser, J., Petříček, V., Meisser, N., Mills, S.J., **Škoda, R.**, Fejfarová, K., Čejka, J., Sejkora, J., Hloušek, J., Johannet, J.-M., Machovič, V., Lapčák, L. (2012): Crystal structure and formula revision of deliensite, $\text{Fe}[(\text{UO}_2)_2(\text{SO}_4)_2(\text{OH})_2](\text{H}_2\text{O})_7$. *Mineralogical Magazine*, 76, 2837–2860. doi: 10.1180/minmag.2012.076.7.14

WoS: IF₂₀₁₁: 1,321; **Q2** (12/26) in Mineralogy; počet citací: 22

Plášil, J., Hloušek, J., Veselovský, F., Fejfarová, K., Dušek, M., **Škoda, R.**, **Novák, M.**, Čejka, J., Ondruš, P. (2012): Adolfpateraite, $\text{K}[(\text{UO}_2)(\text{SO}_4)(\text{OH})(\text{H}_2\text{O})]$, a new uranyl sulphate mineral from Jáchymov, Czech Republic. *American Mineralogist*, 97, 2-3, 447–454. doi: 10.2138/am.2012.3976

WoS: IF₂₀₁₁: 2,169; **Q1** (6/26) in Mineralogy; **Q2** (26/76) in Geochemistry & Geophysics; počet citací: 31

Rak, Š., **Kalvoda, J.**, Devuyst, F.X. (2012): New Mississippian trilobite association from the Brno vicinity. *Geologica Carpathica*, 63, 3, 1891–190. doi: 10.2478/v10096-012-0015-5

WoS: IF₂₀₁₁: 0,787; **Q4** (132/170) in Geosciences, Multidisciplinary; počet citací: 5

Ruschel, K., Nasdala, L., Kronz, A., Hanchar, J. M., Többens, D. M., **Škoda, R.**, Finger, F., Möller, A. (2012): A Raman spectroscopic study on the structural disorder of monazite-(Ce). *Mineralogy and Petrology*, 105, 1-2, 41–55. doi: 10.1007/s00710-012-0197-7

WoS: IF₂₀₁₁: 1,278; **Q3** (14/26) in Mineralogy; **Q3** (46/76) in Geochemistry & Geophysics; počet citací: 72

Slobodník, M., **Melichar R.**, Hurai V., Bakker R. (2012): Litho-stratigraphic effect on Variscan fluid flow within the Prague synform, Barrandian: Evidence based on C, O, Sr isotopes and fluid inclusions. *Marine and Petroleum Geology*, 35, 128–138. doi: 10.1016/j.marpetgeo.2012.01.003

WoS: IF₂₀₁₁: 2,104; **Q2** (44/170) in Geosciences, Multidisciplinary; počet citací: 8

Svoboda, J., **Hladilová, Š.**, **Ivanov, M.**, Sázelová, S. (2012): Mladeč is not a dead site. Supplementary evidence from the 2009-2011 survey. *Anthropologie*, XLIX, 2, 109–115. doi: neuvedeno

WoS: IF₂₀₁₁: 0,690; **Q2** (35/81) in Anthropology; počet citací: 0

Šimíček, D., **Bábek, O.**, **Leichmann, J.** (2012): Outcrop gamma-ray logging of siliciclastic turbidites: Separating the detrital provenance signal from facies in the foreland-basin turbidites of the Moravo-Silesian basin, Czech Republic. *Sedimentary Geology*, 261, 50–64. doi: 10.1016/j.sedgeo.2012.03.003

WoS: IF₂₀₁₁: 1,537; **Q2** (13/47) in Geology; počet citací: 30

Škoda, R., Cempírek, J., Filip, J., **Novák, M.**, Veselovský, F., Čtvrtlík, R. (2012): Allanite-(Nd), $\text{CaNdAl}_2\text{Fe}^{2+}(\text{SiO}_4)(\text{Si}_2\text{O}_7)\text{O}(\text{OH})$, a new mineral from Åskagen, Sweden. *American Mineralogist*, 97, 5-6, 983–988. doi: 10.2138/am.2012.3936

WoS: IF₂₀₁₁: 2,169; **Q1** (6/26) in Mineralogy; **Q2** (26/76) in Geochemistry & Geophysics; počet citací: 16

Šťastná, A., Sachlová, S., Pertold, Z., Příkryl, R., **Leichmann, J.** (2012): Cathodoluminescence microscopy and petrographic image analysis of aggregates in concrete pavements affected by alkali-silica reaction. *Materials Characterization*, 65, 115–125. doi: 10.1016/j.matchar.2012.01.008

WoS: IF₂₀₁₁: 1,572; **Q1** (3/32) in Materials Science, Characterization & Testing; počet citací: 9

Zágoršek, K., **Nehyba, S.**, Petrova-Tomanova, P., Hladilová, Š., Bitner, M.A., **Doláková, N.**, **Hrabovský, J.**, Jašková, V. (2012): Local catastrophe caused by tephra input near Premyslovice (Moravia, Czech Republic) during the Middle Miocene. *Geological Quarterly*, 56, 2, 269–283. doi: 10.7306/gq.1021

WoS: IF₂₀₁₁: 0,844; **Q3** (27/47) in Geology; počet citací: 20

2011 (celkem 32 článků, 24 studentů spoluautorů – červeně)

Bábek, O., **Faměra, M.**, Hilscherová, K., **Kalvoda, J.**, Dobrovolný, P., **Sedláček, J.**, Machát, J., Holoubek, I. (2011): Geochemical traces of flood layers in the fluvial sedimentary archive; implications for contamination history analyses. *Catena*, 87, 2, 281–290. doi: 10.1016/j.catena.2011.06.014

WoS: IF₂₀₁₀: 1,893; **Q2** (12/32) in Soil Science; **Q1** (13/76) in Water Resources; **Q2** (55/167) in Geosciences, Multidisciplinary; počet citací: 47

Bábek, O., Chlachula, J., Matys Grygar, T. (2011): Non-magnetic indicators of pedogenesis related to loess magnetic enhancement and depletion: Examples from the Czech Republic and southern Siberia. *Quaternary Science Reviews*, 30, 7-8, 967–979. doi: 10.1016/j.quascirev.2011.01.009

WoS: IF₂₀₁₀: 4,567; Q1 (2/42) in Geography, Physical; Q1 (6/167) in Geosciences, Multidisciplinary; počet citací: 38

Čopjaková, R., Novák, M., Franců, E. (2011): Formation of authigenic monazite-(Ce) to monazite-(Nd) from Upper Carboniferous greywackes of the Drahaný Upland: roles of the chemical composition of host rock and burial temperature. *Lithos*, 127, 373–385. doi: 10.1016/j.lithos.2011.08.001

WoS: IF₂₀₁₀: 3,121; Q1 (3/27) in Mineralogy; Q1 (13/77) in Geochemistry & Geophysics; počet citací: 39

Henry, D., **Novák, M.**, Hawthorne, F.C., Ertl, A., Dutrow, B., Uher, P., Pezzotta, F. (2011): Nomenclature of the tourmaline supergroup-minerals. *American Mineralogist*, 96, 895–913. doi: 10.2138/am.2011.3636

WoS: IF₂₀₁₀: 2,026; Q2 (7/27) in Mineralogy; Q2 (27/77) in Geochemistry & Geophysics; počet citací: 486

Holá, M., **Kalvoda, J.**, Nováková, H., Škoda, R., Kanický, V. (2011): Possibilities of LA-ICP-MS technique for the spatial elemental analysis of the recent fish scales: Line scan vs. depth profiling. *Applied Surface Science*, 257, 6, 1932–1940. doi: 10.1016/j.apsusc.2010.09.029

WoS: IF₂₀₁₀: 1,795; Q2 (7/18) in Materials Science, Coatings & Films; Q2 (41/118) in Physics, Applied; Q2 (26/68) in Physics, Condensed Matter; Q3 (75/127) in Chemistry, Physical; počet citací: 28

Chudík, P., Uher, P., **Gadas, P.**, Škoda, R., Pršek, J., (2011): Niobium-tantalum oxide minerals in the Jezuitské Lesy granitic pegmatite, Bratislava Massif, Slovakia: Ta to Nb and Fe to Mn evolutionary trends in a narrow Be,Cs-rich and Li,B-poor dike. *Mineralogy and Petrology*, 102, 1-4, 15–27. doi: 10.1007/s00710-011-0163-9

WoS: IF₂₀₁₀: 1,287; Q3 (15/27) in Mineralogy; Q3 (40/77) in Geochemistry & Geophysics; počet citací: 21

Ivanov, M., Böhme, M. (2011): Snakes from Griesbeckerzell (Langhian, Early Badenian), North Alpine Foreland Basin (Germany), with comments on the evolution of snake faunas in Central Europe during the Miocene Climatic Optimum. *Geodiversitas*, 33, 3, 411–449. doi: 10.5252/g2011n3a2

WoS: IF₂₀₁₀: 0,986; Q3 (30/48) in Paleontology; počet citací: 27

Kalvoda, J., **Bábek, O.**, Devuyst, F.X., Sevastopulo, G. (2011): Biostratigraphy, sequence stratigraphy and gamma-ray spectrometry of the Tournaisian-Viséan boundary interval in the Dublin Basin. *Bulletin of Geosciences*, 86, 4, 683–706. doi: 10.3140/bull.geosci.1265

WoS: IF₂₀₁₀: 1,202; Q2 (24/48) in Paleontology; Q3 (88/167) in Geosciences, Multidisciplinary; počet citací: 12

Kocourková, E., **Srček, O.**, Houzar, S., Cempírek, J., **Losos, Z.**, Filip, J., Hršelová, P. (2011): Geochemical and mineralogical control on the mobility of arsenic in waste rock pile at Dlouhá Ves, Czech Republic. *Journal of Geochemical Exploration*, 110, 61–73. doi: 10.1016/j.gexplo.2011.02.009

WoS: IF₂₀₁₀: 2,125; Q2 (24/77) in Geochemistry & Geophysics; počet citací: 38

Kotková, J., O'Brien, P., Ziemann, M. (2011): Diamond and coesite discovered in Saxony-type granulite: Solution to the Variscan garnet peridotite enigma. *Geology*, 39, 7, 667–670. doi: 10.1130/G31971.1

WoS: IF₂₀₁₀: 4,026; Q1 (1/48) in Geology; počet citací: 126

Kováčová, M., **Doláková, N.**, Kováč, M. (2011): Miocene vegetation pattern and climate change in the Northwestern Central Paratethys domain (Czech and Slovak Republic). *Geologica Carpathica*, 62, 3, 251–266. doi: 10.2478/v10096-011-0020-0

WoS: IF₂₀₁₀: 0,909; Q3 (115/167) in Geosciences, Multidisciplinary; počet citací: 29

Krmíček, L., Cempírek, J., Havlín, A., **Přichystal, A.**, Houzar, S., Krmíčková, M., **Gadas, P.** (2011): Mineralogy and petrogenesis of a Ba–Ti–Zr-rich peralkaline dyke from Šebkovice (Czech Republic): Recognition of the most lamproitic Variscan intrusion. *Lithos*, 121, 74–86. doi: 10.1016/j.lithos.2010.10.005

WoS: IF₂₀₁₀: 3,121; Q1 (3/27) in Mineralogy; Q1 (13/77) in Geochemistry & Geophysics; počet citací: 62

Kynický, J., Chakhmouradian, A.R., Xu, C., **Krmíček, L.**, Vašinová Galiová, M. (2011): Distribution and evolution of zirconium mineralization in peralkaline granites and associated pegmatites of the Khan Bogd Complex, southern Mongolia. *Canadian Mineralogist*, 49, 4, 947–965. doi: 10.3749/canmin.49.4.947

WoS: IF₂₀₁₀: 1,289; Q3 (14/27) in Mineralogy; počet citací: 47

- Loun, J.**, Čejka, J., Sejkora, J., **Plášil, J.**, **Novák, M.**, Frost, R.L., Palmer, S.J., Keeffe, E.C. (2011): A Raman spectroscopic study of bukovskýite $\text{Fe}_2(\text{AsO}_4)(\text{SO}_4)(\text{OH}) \cdot 7\text{H}_2\text{O}$, a mineral phase with a significant role in arsenic migration. *Journal of Raman Spectroscopy*, 42, 1596–1600. doi: 10.1002/jrs.2900
WoS: IF₂₀₁₀: 3,137; **Q1** (9/42) in Spectroscopy; počet citací: 12
- Mills, S.J., Kampf, A.R., Sejkora, J., Adams, P.M., Birch, W.D., **Plášil, J.** (2011): Iangreyite: a new secondary phosphate mineral closely related to perhamite. *Mineralogical Magazine*, 75, 2, 327–336. doi: 10.1180/minmag.2011.075.2.327
WoS: IF₂₀₁₀: 0,949; **Q3** (20/27) in Mineralogy; počet citací: 14
- Mrázová, Š., **Gadas, P.** (2011): Obsidian balls (marekanite) from Cerro Tijerina, central Nicaragua: petrographic investigations. *Journal of Geosciences*, 56, 43–49. doi: 10.3190/jgeosci.086
WoS: IF₂₀₁₀: 1,026; **Q3** (106/167) in Geosciences, Multidisciplinary; počet citací: 7
- Nehyba, S.**, Nývlt, D., Schadke, U., Kirchner, G., Franců, E. (2011): Depositional rates and dating techniques of modern deposits in the Brno reservoir (Czech Republic) during the last 70 years. *Journal of Paleolimnology*, 45, 1, 41–55. doi: 10.1007/s10933-010-9478-5
WoS: IF₂₀₁₂: 2,676; **Q1** (3/18) in Limnology; **Q1** (44/193) in Environmental Sciences; **Q1** (24/167) in Geosciences, Multidisciplinary; počet citací: 23
- Nehyba, S.**, Roetzel, R. (2011): Fluvial deposits of the St. Marein Freischling Formation insights into initial depositional processes on the distal external margin of the Alpine Carpathian Foredeep in Lower Austria. *Austrian Journal of Earth Sciences*, 100, 2, 50–80. doi: neuvedeno
WoS: IF₂₀₁₀: 0,400; **Q4** (150/167) in Geosciences, Multidisciplinary; počet citací: 13
- Novák, M.**, **Gadas, P.**, Filip, J., Vaculovič, T., **Přikryl, J.**, **Fojt, B.** (2011): Blue, complexly zoned, (Na,Mg,Fe,Li)-rich beryl from quartz-calcite veins in low-grade metamorphosed Fe-deposit Skály near Rýmařov, Czech Republic. *Mineralogy and Petrology*, 102, 3–14. doi: 10.1007/s00710-011-0157-7
WoS: IF₂₀₁₀: 1,287; **Q3** (15/27) in Mineralogy; **Q3** (40/77) in Geochemistry & Geophysics; počet citací: 10
- Novák, M.**, **Škoda, R.**, Filip, J., **Macek, I.**, Vaculovič, T. (2011): Compositional trends in tourmaline from the intragranitic NYF pegmatites of the Třebíč Pluton, Czech Republic; electron microprobe, LA-ICP-MS and Mössbauer study. *Canadian Mineralogist*, 49, 359–380. doi: 10.3749/canmin.49.1.359
WoS: IF₂₀₁₀: 1,289; **Q3** (14/27) in Mineralogy; počet citací: 80
- Plášil, J.**, Dušek, M., **Novák, M.**, Čejka, J., Císařová, I., **Škoda, R.** (2011): Sejkoraite-(Y), a new member of the zippeite group containing trivalent cations from Jáchymov (St. Joachimsthal), Czech Republic: description and crystal structure refinement. *American Mineralogist*, 96, 983–991. doi: 10.2138/am.2011.3713
WoS: IF₂₀₁₀: 2,026; **Q2** (7/27) in Mineralogy; **Q2** (27/77) in Geochemistry & Geophysics; počet citací: 39
- Plášil, J.**, Fejfarová, K., **Novák, M.**, Dušek, M., **Škoda, R.**, Hloušek, J., Čejka, J., Majzlan, J., Sejkora, J., Machovič, V., **Talla, D.** (2011): Běhounekite, $\text{U}(\text{SO}_4)_2(\text{H}_2\text{O})_4$, from Jáchymov (St. Joachimsthal), Czech Republic – the first U^{4+} sulphate known from nature. *Mineralogical Magazine*, 75, 2739–2753. doi: 10.1180/minmag.2011.075.6.2739
WoS: IF₂₀₁₀: 0,949; **Q3** (20/27) in Mineralogy; počet citací: 16
- Plášil, J.**, Fejfarová, K., Mills, S.J., Čejka, J., Sejkora, J., **Novák, M.**, **Škoda, R.** (2011): The crystal structure of natural zippeite, $\text{K}_2[(\text{UO}_2)_4\text{O}_3(\text{SO}_4)_2](\text{H}_2\text{O})_4$, from Jáchymov, Czech Republic. *Canadian Mineralogist*, 49, 711–725. doi: 10.3749/canmin.49.4.1089
WoS: IF₂₀₁₀: 1,289; **Q3** (14/27) in Mineralogy; počet citací: 24
- René, M., **Škoda, R.** (2011): Nb-Ta-Ti oxides fractionation in rare-metal granites: Krásno-Horní Slavkov ore district, Czech Republic. *Mineralogy and Petrology*, 103, 1–4, 37–48. doi: 10.1007/s00710-011-0152-z
WoS: IF₂₀₁₀: 1,287; **Q3** (15/27) in Mineralogy; **Q3** (40/77) in Geochemistry & Geophysics; počet citací: 31
- Sejkora, J., **Plášil, J.**, Císařová, I., **Škoda, R.**, Hloušek, J., Veselovský, F., Jebavá, I. (2011): Interesting supergene Pb-rich mineral association from the Rovnost mining field, Jáchymov (St. Joachimsthal), Czech Republic. *Journal of Geosciences*, 56, 257–271. doi: 10.3190/jgeosci.100
WoS: IF₂₀₁₀: 1,026; **Q3** (106/167) in Geosciences, Multidisciplinary; počet citací: 11

Sejkora, J., Makovický, E., Topa, D., Putz, H., Zagler, G., **Plášil, J.** (2011): Litochlebite, $\text{Ag}_2\text{PbBi}_4\text{Se}_8$, a new selenide mineral species from Zálesí, Czech Republic: description and crystal-structure. *Canadian Mineralogist*, 49, 2, 639–650. doi: 10.3749/canmin.49.2.639

WoS: IF₂₀₁₀: 1,289; Q3 (14/27) in Mineralogy; počet citací: 9

Sejkora, J., Ozdín, D., Lufek, F., **Plášil, J.**, Litochleb, J. (2011): Marruccite, a rare Hg sulfosalt from the Gelnica ore deposit (Slovak Republic), and its comparison with the type occurrence at Bucca della Vena mine (Italy). *Journal of Geosciences*, 56, 4, 399–408. doi: 10.3190/jgeosci.107

WoS: IF₂₀₁₀: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 6

Sejkora, J., **Plášil, J.**, Veselovský, F., Císařová, I., Hloušek, J. (2011): Ondrušite, $\text{CaCu}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 10\text{H}_2\text{O}$, a new mineral species from the Jáchymov ore district, Czech Republic: description and crystal-structure determination. *Canadian Mineralogist*, 49, 3, 885–897. doi: 10.3749/canmin.49.3.885

WoS: IF₂₀₁₀: 1,289; Q3 (14/27) in Mineralogy; počet citací: 12

Sejkora, J., **Plášil, J.**, Filip, J. (2011): Plimerite from Krásno near Horní Slavkov ore district, Czech Republic. *Journal of Geosciences*, 56, 2, 215–229. doi: 10.3190/jgeosci.092

WoS: IF₂₀₁₀: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 12

Svoboda, J., Bocheňski, Z. M., Čulíková, V., Dohnalová, A., **Hladilová, Š.**, Hložek, M., Horáček, I., **Ivanov, M.**, Králík, M., Novák, M., Pryor, A. J. E., Sázelová, S., Stevens, R. E., Wilczyński, J., Wojtal, P. (2011): Paleolithic Hunting in a Southern Moravian Landscape: The Case of Milovice IV, Czech Republic. *Geoarchaeology-An International Journal*, 26, 6, 838–866. doi: 10.1002/gea.20375

WoS: IF₂₀₁₀: 0,886; Q3 (117/167) in Geosciences, Multidisciplinary; počet citací: 32

Škoda, R., **Novák, M.**, Cicha, J. (2011): Uranium–niobium-rich alteration products after “písekite”, an intimate mixture of Y,REE,Nb,Ta,Ti-oxide minerals from the Obrázek I pegmatite, Písek, Czech Republic. *Journal of Geosciences*, 56, 317–325. doi: 10.3190/jgeosci.101

WoS: IF₂₀₁₀: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 8

Talla, D., Beran, A., **Škoda, R.**, **Losos, Z.** (2011): On the presence of OH defects in the zircon-type phosphate mineral xenotime, (Y,REE) PO_4 . *American Mineralogist*, 96, 1799–1808. doi: 10.2138/am.2011.3757

WoS: IF₂₀₁₀: 2,026; Q2 (7/27) in Mineralogy; Q2 (27/77) in Geochemistry & Geophysics; počet citací: 14

2010 (celkem 39 článků, 15 studentů spoluautorů – červeně)

Bábek, O., **Kalvoda, J.**, Aretz, M., Cossey, P., Devuyst, F.X., Herbig, H-G., Sevastopulo, G. (2010): The correlation potential of magnetic susceptibility and outcrop gamma-ray logs at Tourhnaisian-Visean boundary sections in Western Europe. *Geologica Belgica*, 13, 4, 291–308. doi: neuvedeno

WoS: IF₂₀₀₉: 0,655; Q3 (30/49) in Geology; počet citací: 27

Beran, A., **Talla, D.**, **Losos, Z.**, Pinkas, J. (2010): Traces of structural H_2O molecules in baryte. *Physics and Chemistry of Minerals*, 37, 3, 159–166. doi: 10.1007/s00269-009-0320-4

WoS: IF₂₀₀₉: 1,597; Q2 (74/214) in Materials Science, Multidisciplinary; Q2 (7/27) in Mineralogy; počet citací: 7

Bláha, L., Hilscherová, K., Čáp, T., Klánová, J., Machát, J., **Zeman, J.**, Holoubek, I. (2010): Kinetic bacterial bioluminescence assay for the contact sediment toxicity testing - relationships with the matrix composition and contamination. *Environmental Toxicology and Chemistry*, 29, 3, 507–514. doi: 10.1002/etc.81

WoS: IF₂₀₀₉: 2,565; Q2 (28/77) in Toxicology; Q1 (41/181) in Environmental Sciences; počet citací: 15

Cempírek, J., **Novák, M.**, Dolníček, Z., **Kotková, J.**, **Škoda, R.** (2010): Crystal chemistry and origin of grandidierite, ominelite, boralsilite and werdingite from the Bory Granulite Massif, Czech Republic. *American Mineralogist*, 95, 10, 1533–1547. doi: 10.2138/am.2010.3480

WoS: IF₂₀₀₉: 1,859; Q1 (6/27) in Mineralogy; Q2 (24/75) in Geochemistry & Geophysics; počet citací: 25

Čobič, A., Bermanec, V., Tomašič, N., **Škoda, R.** (2010): The hydrothermal recrystallization of metamict allanite-(Ce). *Canadian Mineralogist*, 48, 3, 513–521. doi: 10.3749/canmin.48.3.513

WoS: IF₂₀₀₉: 1,290; Q2 (13/27) in Mineralogy; počet citací: 12

- Doláková, N., Roszková, A., Přichystal, A.** (2010): Palynology and natural environment in the Pannonian to Holocene sediments of the early Medieval centre Pohansko near Brno (Czech Republic). *Journal of Archaeological Science*, 37, 10, 2538–2550. doi: 10.1016/j.jas.2010.05.014
WoS: IF₂₀₀₉: 1,847; Q2 (46/155) in Geosciences, Multidisciplinary; počet citací: 14
- Dolníček, Z., **Urubek, T.**, Kropáč, K. (2010): Post-magmatic hydrothermal mineralization associated with Cretaceous picraite (Outer Western Carpathians, Czech Republic): interaction between host rock and externally derived fluid. *Geologica Carpathica*, 61, 4, 327–339. doi: 10.2478/v10096-010-0019-y
WoS: IF₂₀₀₉: 0,963; Q3 (104/155) in Geosciences, Multidisciplinary; počet citací: 13
- Faimon, J.,** Ličbinská, M. (2010): Carbon dioxide in the soils and adjacent caves of the Moravian Karst. *Acta Carsologica*, 39, 3, 463–475. doi: 10.3986/ac.v39i3.76
WoS: IF₂₀₀₉: 0,590; Q4 (134/155) in Geosciences, Multidisciplinary; počet citací: 21
- Franců, E.,** Schwarzbauer, J., Lána, R., Nývlt, D., **Nehyba, S.** (2010): Historical Changes in Levels of Organic Pollutants in Sediment Cores from Brno Reservoir, Czech Republic. *Water Air and Soil Pollution*, 209, 1-4, 81–91. doi: 10.1007/s11270-009-0182-x
WoS: IF₂₀₀₉: 1,676; Q2 (30/63) in Meteorology & Atmospheric Sciences; Q1 (16/66) in Water Resources; Q2 (79/181) in Environmental Sciences; počet citací: 22
- Frost, R.L., Bahfenne, S., Čejka, J., Sejkora, J., Palmer, S.L., **Škoda, R.** (2010): Raman microscopy of haidingerite $\text{Ca}(\text{AsO}_3\text{OH}) \cdot \text{H}_2\text{O}$ and brassite $\text{Mg}(\text{AsO}_3\text{OH}) \cdot 4\text{H}_2\text{O}$. *Journal of Raman Spectroscopy*, 41, 6, 690–693. doi: 10.1002/jrs.2498
WoS: IF₂₀₀₉: 3,147; Q1 (7/39) in Spectroscopy; počet citací: 24
- Galiová, M., Kaiser, J., Novotný, K., **Ivanov, M.**, Nývtová Fišáková, M., Mancini, L., Tromba, G., Vaculovič, T., Liška, M., Kanický, V. (2010): Investigation of the osteitis deformans phases in snake vertebrae by double-pulse laser-induced breakdown spectroscopy. *Analytical and Bioanalytical Chemistry*, 398, 2, 1095–1107. doi: 10.1007/s00216-010-3976-1
WoS: IF₂₀₀₉: 3,480; Q2 (17/67) in Biochemical Research Methods; Q1 (6/70) in Chemistry, Analytical; počet citací: 21
- Hilscherová, K., Dušek, L., Štěpánková, T., Jálová, V., Čupr, P., Giesy, J., **Nehyba, S.**, Jarkovský, J., Klánová, J., Holoubek, I. (2010): Seasonally and regionally determined indication potential of bioassays in contaminated river sediments. *Environmental Toxicology and Chemistry*, 29, 3, 522–534. doi: 10.1002/etc.83
WoS: IF₂₀₀₉: 2,565; Q2 (28/77) in Toxicology; Q1 (41/181) in Environmental Sciences; počet citací: 24
- Hladil, J., Cejchan, P., **Bábek, O.**, Koptíková, L., Navrátil, T., Kubínová, P. (2010): Dust - a geology-orientated attempt to reappraise the natural components, amounts, inputs to sediment, and importance for correlation purposes. *Geologica Belgica*, 13, 4, 367–383. doi: nevedeno
WoS: IF₂₀₀₉: 0,655; Q3 (30/49) in Geology; počet citací: 14
- Hönig, S.,** **Leichmann, J.,** **Novák, M.** (2010): Unidirectional solidification textures and garnet layering in Y-enriched garnet-bearing aplite-pegmatites in the Cadomian Brno Batholith, Czech Republic. *Journal of Geosciences*, 55, 113–129. doi: 10.3190/jgeosci.065
WoS: IF₂₀₀₉: nevedeno; počet citací: 13
- Jedináková-Křížová, V., **Zeman, J.**, Vinšová, H., Hanslík, E. (2010): Bentonite stability, speciation and migration behaviour of some critical radionuclides. *Journal of Radioanalytical and Nuclear Chemistry*, 286, 3, 719–727. doi: 10.1007/S10967-010-0796-x
WoS: IF₂₀₀₉: 0,631; Q4 (59/70) in Chemistry, Analytical; Q4 (34/44) in Chemistry, Inorganic & Nuclear; Q3 (23/33) in Nuclear Science & Technology; počet citací: 11
- Kalvoda, J.,** Devuyst, F.-X., **Bábek, O.,** **Dvořák, L.,** Rak, Š., **Rez, J.** (2010): High-resolution biostratigraphy of the Tournaisian-Visean (Carboniferous) boundary interval, Mokra quarry, Czech Republic. *Geobios*, 43, 3, 317–331. doi: 10.1016/j.geobios.2009.10.008
WoS: IF₂₀₀₉: 0,904; Q3 (25/41) in Paleontology; počet citací: 11

Kalvoda, J., Bábek, O. (2010): The Margins of Laurussia in Central and Southeast Europe and Southwest Asia. *Gondwana Research*, 17, 2-3, 526–545. doi: 10.1016/j.gr.2009.09.012
WoS: IF₂₀₀₉: 4,605; **Q1** (4/155) in Geosciences, Multidisciplinary; počet citací: 80

Knížek, M., Melichar, R., Janečka, J. (2010): Stratigraphic separation diagrams as a tool for determining fault geometry in a folded and thrust region: an example from the Barrandian region, Czech Republic. *Geological Journal*, 45, 5-6, 536–543. doi: 10.1002/gj.1206
WoS: IF₂₀₀₉: 1,333; **Q2** (75/155) in Geosciences, Multidisciplinary; počet citací: 9

Kolaříková, I., Švandová, J., Příkryl, R., Vinšová, H., Jedináková-Křížová, V., **Zeman, J.** (2010): Mineralogical changes in bentonite barrier within Mock-Up-CZ experiment. *Applied Clay Science*, 47, 1-2, 10–15. doi: 10.1016/j.clay.2009.11.011
WoS: IF₂₀₀₉: 2,784; **Q1** (4/27) in Mineralogy; počet citací: 23

Koptíková, L., **Bábek, O.**, Hladil, J., **Kalvoda, J.**, Slavík, L. (2010): Stratigraphic significance and resolution of spectral reflectance logs in Lower Devonian carbonates of the Barrandian area, Czech Republic; a correlation with magnetic susceptibility and gamma-ray logs. *Sedimentary Geology*, 2225, 3-4, 83–98. doi: 10.1016/j.sedgeo.2010.01.004
WoS: IF₂₀₀₉: 1,957; **Q1** (8/49) in Geology; počet citací: 63

Koptíková, L., Hladil, J., Slavík, L., Cejchan, P., **Bábek, O.** (2010): Fine-grained non-carbonate particles embedded in neritic to pelagic limestones (Lochkovian to Emsian, Prague synform, Czech republic): composition, provenance and links to magnetic susceptibility and gamma-ray logs. *Geologica Belgica*, 13, 4, 407–430. doi: neuvedeno
WoS: IF₂₀₀₉: 0,655; **Q3** (30/49) in Geology; počet citací: 30

Kotková, J., Harley, S.L. (2010): Anatexis during high-pressure crustal metamorphism: evidence from garnet-whole rock REE relationships and zircon-rutile Ti-Zr thermometry in leucogranulites from the Bohemian Massif. *Journal of Petrology*, 51, 10, 1967–2001. doi: 10.1093/petrology/egq045
WoS: IF₂₀₀₉: 3,738; **Q1** (4/75) in Geochemistry & Geophysics; počet citací: 58

Kotková, J., Schaltegger, U., **Leichmann, J.** (2010): Two types of ultrapotassic plutonic rocks in the Bohemian Massif - Coeval intrusions at different crustal levels. *Lithos*, 115, 1-4, 163–176. doi: 10.1016/j.lithos.2009.11.016
WoS: IF₂₀₀₉: 3,537; **Q1** (2/27) in Mineralogy; **Q1** (6/75) in Geochemistry & Geophysics; počet citací: 62

Kučera, J., Muchez, P., **Slobodník, M.**, Prochaska, W. (2010): Geochemistry of highly saline fluids in the Moravo-Silesian Palaeozoic siliciclastic sequences: genetic implications. *International Journal of Earth Sciences*, 99, 2, 269–284. doi: 10.1007/s00531-008-0387-z
WoS: IF₂₀₀₉: 2,445; **Q1** (28/155) in Geosciences, Multidisciplinary; počet citací: 13

Matysová, P., Roesler, R., Goetze, J., **Leichmann, J.**, Forbes, G., Taylor, E., Sakala, J., Grygar, T. (2010): Alluvial and volcanic pathways to silicified plant stems (Upper Carboniferous-Triassic) and their taphonomic and palaeoenvironmental meaning. *Palaeogeography Palaeoclimatology Palaeoecology*, 292, 1-2, 127–143. doi: 10.1016/j.palaeo.2010.03.036
WoS: IF₂₀₀₉: 2,646; **Q1** (6/41) in Paleontology; **Q1** (8/36) in Geography, Physical; **Q1** (23/155) in Geosciences, Multidisciplinary; počet citací: 62

Mazur, S., Kröner, A., Szczepański, J., Turniak, K., Hanžl, P., **Melichar, R.**, Rodionov, N., Paderin, I., Sergeev, S. (2010): Single zircon U-Pb ages and geochemistry of granitoid gneisses from SW Poland: evidence for an Avalonian affinity of the Brunian microcontinent. *Geological Magazine*, 147, 4, 508–526. doi: 10.1017/S001675680999080X
WoS: IF₂₀₀₉: 2,059; **Q2** (39/155) in Geosciences, Multidisciplinary; počet citací: 59

Mihaljevič, M., Ettler, V., Šebek, O., Drahota, P., Strnad, L., Procházka, R., **Zeman, J.**, Sracek, O. (2010): Alteration of arsenopyrite in soils under different vegetation covers. *Science of the Total Environment*, 408, 6, 1286–1294. doi: 10.1016/j.scitotenv.2009.12.003
WoS: IF₂₀₀₉: 2,905; **Q1** (32/181) in Environmental Sciences; počet citací: 20

Nehyba, S., Hilscherová, K., Jarkovský, J., Dušek, I., **Kuchovský, T.**, **Zeman, J.**, Klánová, J., Holoubek, I. (2010): Grain size, geochemistry and organic pollutants in modern fluvial deposits in eastern Moravia (Czech Republic). *Environmental Earth Sciences*, 60, 3, 591–602. doi: 10.1007/s12665-009-0199-x
WoS: IF₂₀₀₉: neuvedeno; počet citací: 8

Nehyba, S., Adamová, M., **Faimon, J.**, **Kuchovský, T.**, **Zeman, J.**, Holoubek, I. (2010): Modern fluvial sediment provenance and pollutant tracing: a case study from the Drevnice River Basin (eastern Moravia, Czech Republic). *Geologica Carpathica*, 61, 2, 147–162. doi: 10.2478/v10096-010-0007-2
WoS: IF₂₀₀₉: 0,963; Q3 (104/155) in Geosciences, Multidisciplinary; počet citací: 3

Nehyba, S., Roetzel, R. (2010): Fluvial deposits of the St. Marein-Freischling Formation – insights into initial depositional processes on the distal external margin of the Alpine-Carpathian Foredeep in Lower Austria. *Austrian Journal of Earth Sciences*, 103, 2, 50–80. doi: neuvedeno
WoS: IF₂₀₀₉: neuvedeno; počet citací: 16

Novák, M., Filip, J. (2010): Unusual (Na,Mg)-enriched beryl and its breakdown products (beryl II, bazzite, bavenite) from euxenite type NYF pegmatite related to the orogenic ultrapotassic Třebíč Pluton, Czech Republic. *Canadian Mineralogist*, 48, 3, 615–628. doi: 10.3749/canmin.48.3.615
WoS: IF₂₀₀₉: 1,290; Q2 (13/27) in Mineralogy; počet citací: 33

Novák, M., **Gadas, P.** (2010): Internal structure and mineralogy of a zoned anorthite and grossular bearing leucotonalitic pegmatite in serpentinized lherzolite at Ruda nad Moravou, Staré Město Unit, Czech Republic. *Canadian Mineralogist*, 48, 629–650. doi: 10.3749/canmin.48.3.629
WoS: IF₂₀₀₉: 1,290; Q2 (13/27) in Mineralogy; počet citací: 12

Novák, M., Nábělek, P. (2010): Foreword to the special volume on „Mineralogical, geochemical and isotopic links between granitic pegmatites and their parental granites“. *Journal of Geosciences*, 55, 1, 1–1. doi: 10.3190/jgeosci.063
WoS: IF₂₀₀₉: neuvedeno; počet citací: 0

Plášil, J., Buixaderas, E., Čejka, J., Sejkora, J., Jehlička, J., **Novák, M.** (2010): Raman spectroscopic study of the uranyl sulphate mineral zippeite: low wavenumber and U–O stretching regions. *Analytical and Bioanalytical Chemistry*, 397, 7, 2703–2715. doi: 10.1007/s00216-010-3577-z
WoS: IF₂₀₀₉: 3,480; Q2 (17/67) in Biochemical Research Methods; Q1 (6/70) in Chemistry, Analytical; počet citací: 40

Plášil, J., Sejkora, J., Čejka, J., **Novák, M.**, Viňals, J., Ondruš, P., Veselovský, F., Škácha, P., Jehlička, J., Goliáš, V., Hloušek, J. (2010): Metarauchite, Ni(UO₂)₂(AsO₄)₂ · 8H₂O, from Jáchymov, Czech Republic, and Schneeberg, Germany: a new member of the autunite group. *Canadian Mineralogist*, 48, 335–350. doi: 10.3749/canmin.48.2.2335
WoS: IF₂₀₀₉: 1,290; Q2 (13/27) in Mineralogy; počet citací: 17

Říčka, A., **Kuchovský, T.**, **Sracek, O.**, **Zeman, J.** (2010): Determination of potential mine water discharge zones in crystalline rocks at Rozna, Czech Republic. *Environmental Earth Sciences*, 60, 6, 1201–1213. doi: 10.1007/s12665-009-0261-8
WoS: IF₂₀₀₉: neuvedeno; počet citací: 6

Sejkora, J., **Plášil, J.**, Ondruš, P., Veselovský, F., Císařová, I., Hloušek, J. (2010): Slavkovite, Cu₁₃(AsO₄)₆(AsO₃OH)₄ · 23H₂O, a new mineral species from Horní Slavkov and Jáchymov, Czech Republic: Description and crystal structure determination. *Canadian Mineralogist*, 48, 5, 1157–1170. doi: 10.3749/canmin.48.5.1157
WoS: IF₂₀₀₉: 1,290; Q2 (13/27) in Mineralogy; počet citací: 10

Sejkora, J., Ondruš, P., **Novák, M.** (2010): Veselovskýite, triclinic (Zn,Cu,Co)Cu₄(AsO₄)₂(AsO₃OH)₂ · 9H₂O, a Zn-dominant analogue of lindackerite. *Neues Jahrbuch für Mineralogie - Abhandlungen*, 187, 1, 83–90. doi: 10.1127/0077-7757/2010/0165
WoS: IF₂₀₀₉: 0,483; Q4 (24/27) in Mineralogy; počet citací: 12

Tomašić, N., Gajović, A., Bermanec, V., Linarić, M.R., Su, D.S., **Škoda, R.** (2010): Preservation of samarskite structure in a metamict ABO_4 mineral: a key to crystal structure identification. *European Journal of Mineralogy*, 22, 3, 435–442. doi: 10.1127/0935-1221/2010/0022-2032
WoS: IF₂₀₀₉: 1,450; Q2 (9/27) in Mineralogy; počet citací: 8

2009 (celkem 25 článků, 8 studentů spoluautorů – červeně)

Bhattacharya, P., Hasan, M.A., **Sracek, O.**, Smith, E., Ahmed, K.M., von Bromssen, M., Huq, S.M.I., Naidu, R. (2009): Groundwater chemistry and arsenic mobilization in the holocene flood plains in south-central Bangladesh. *Environmental Geochemistry and Health*, 31, 1, 23–43. doi: 10.1007/s10653-008-9230-5
WoS: IF₂₀₀₈: 1,238; Q2 (21/60) in Water Resources; Q2 (16/38) in Engineering, Environmental; Q3 (95/2163) in Environmental Sciences; Q3 (74//105) in Public, Environmental & Occupational Health; počet citací: 53

Boháč M., Gregerová M. (2009): The influence of blast-furnace slag hydration products on microcracking of concrete. *Materials Characterization*, 60, 7, 729–734. doi: 10.1016/j.matchar.2008.11.011
WoS: IF₂₀₀₈: 1,225; Q1 (4/28) in Materials Science, Characterization & Testing; počet citací: 15

Breiter, K., Čopjaková, R., Škoda, R. (2009): The involvement of F, CO_2 , and As in the alteration of Zr-Th-REE-bearing accessory minerals in the Hora Svaté Kateřiny A-type granite, Czech Republic. *Canadian Mineralogist*, 47, 6, 1375–1398. doi: 10.3749/canmin.47.6.1375
WoS: IF₂₀₀₈: 1,136; Q3 (14/25) in Mineralogy; počet citací: 46

Bradák, B., Szakmány, G., Jósza, S., **Přichystal, A.** (2009): Application of magnetic susceptibility measurement on polished stone tools from Western Hungary and Eastern Part of the Czech Republic (Central Europe). *Journal of Archaeological Science*, 36, 10, 2437–2444. doi: 10.1016/j.jas.2009.07.001
WoS: IF₂₀₀₈: 1,779; Q2 (46/144) in Geosciences, Multidisciplinary; počet citací: 10

Cempírek, J., **Škoda, R.**, Žák, Z. (2009): Sodium scandium diphosphate, NaScP_2O_7 , isotypic with α - $\text{NaTi(III)P}_2\text{O}_7$. *Acta Crystallographica Section E – Crystallographic Communications*, 65, 12, I86-U19. doi: 10.1107/S1600536809046224
WoS: IF₂₀₀₈: 0,367; Q4 (24/25) in Crystallography; počet citací: 4

Čopjaková, R., Buriánek, D., Škoda, R., Houzar, S. (2009): Tourmalinites in the metamorphic complex of the Svratka Unit (Bohemian Massif): a study of compositional growth of tourmaline and genetic relations. *Journal of Geosciences*, 54, 2, 221–243. doi: 10.3190/jgeosci.048
WoS: IF₂₀₀₈: neuvedeno; počet citací: 10

da Silva, J.C., Vargas, E.D., **Sracek, O.** (2009): Modeling Multiphase Reactive Transport in a Waste Rock Pile with Convective Oxygen Supply. *Vadose Zone Journal*, 8, 4, 1038–1050. doi: 10.2136/vzj2008.0156
WoS: IF₂₀₀₈: 1,441; Q2 (13/31) in Soil Science; Q1 (14/60) in Water Resources; Q3 (82/163) in Environmental Sciences; počet citací: 14

Dolníček, Z., **Fojt, B.**, Prochaska, W., **Kučera, J.**, Sulovský, P. (2009): Origin of the Zálesí U-Ni-Co-As-Ag/Bi deposit, Bohemian Massif, Czech Republic: fluid inclusion and stable isotope constraints. *Mineralium Deposita*, 44, 81–97. doi: 10.1007/s00126-008-0202-6
WoS: IF₂₀₀₈: 2,037; Q1 (5/25) in Mineralogy; Q2 (20/64) in Geochemistry & Geophysics; počet citací: 34

Gregerová, M., Všíanský, D. (2009): Identification of concrete deteriorating minerals by polarizing and scanning electron microscopy. *Materials Characterization*, 60, 7, 680–685. doi: 10.1016/j.matchar.2009.01.018
WoS: IF₂₀₀₈: 1,225; Q1 (4/28) in Materials Science, Characterization & Testing; počet citací: 11

Hasan, M.A., von Bromssen, M., Bhattacharya, P., Ahmed, K.M., Sikder, A.M., Jacks, G., **Sracek, O.** (2009): Geochemistry and mineralogy of shallow alluvial aquifers in Daudkandi upazila in the Meghna flood plain, Bangladesh. *Environmental Geology*, 57, 3, 499–511. doi: 10.1007/s00254-008-1319-8
WoS: IF₂₀₀₈: 1,026; Q3 (113/163) in Environmental Sciences; Q3 (92/144) in Geosciences, Multidisciplinary; Q3 (32/60) in Water Resources; počet citací: 31

Haloda, J., Týcová, P., Korotev, R.L., Fernandes, V.A., Burgess, R., Thoni, M., Jelenc, M., Jakeš, P., **Gabzdyl, P.**, Kosler, J. (2009): Petrology, geochemistry, and age of low-Ti mare-basalt meteorite Northeast Africa 003-A:

A possible member of the Apollo 15 mare basaltic suite. *Geochimica et Cosmochimica Acta*, 73, 3450–3470. doi: 10.1016/j.gca.2009.03.003

WoS: IF₂₀₀₈: 4,235; **Q1** (3/64) in Geochemistry & Geophysics; počet citací: 30

Hladil, J., Koptíková, L., Galle, A., Sedláček, V., Pruner, P., Schnábl, P., Langrová, A., **Bábek, O.**, Fráňa, J., Hladíková, J., Otava, J., Geršl, M. (2009): Early Middle Frasnian platform reef strata in the Moravian Karst interpreted as recording the atmospheric dust changes: the key to understanding perturbations in the punctata conodont zone. *Bulletin of Geosciences*, 84, 1, 75–106. doi: 10.3140/bull.geosci.1113

WoS: IF₂₀₀₈: neuvědno; počet citací: 19

Holá, M., **Kalvoda, J.**, **Bábek, O.**, **Brzobohatý, R.**, Holoubek, I., Kanický V., **Škoda, R.** (2009): LA-ICP-MS heavy metal analyses of fish scales from sediments of the Oxbow Lake Čerták of the Morava River (Czech Republic). *Environmental Geology*, 58, 1, 141–151.

WoS: IF₂₀₀₈: 1,026; **Q3** (113/163) in Environmental Sciences; **Q3** (92/144) in Geosciences, Multidisciplinary; **Q3** (32/60) in Water Resources; počet citací: 17

Kalvoda, J., **Novák, M.**, **Bábek, O.**, **Brzobohatý, R.**, Holá, M., Holoubek, I., Kanický, V., **Škoda, R.** (2009): Compositional changes in fish scale hydroxylapatite during early diagenesis; an example from an abandoned meander. *Biogeochemistry*, 94, 3, 197–215. doi: 10.1007/s10533-009-9319-7

WoS: IF₂₀₀₈: 2,961; **Q1** (26/163) in Environmental Sciences; **Q1** (16/144) in Geosciences, Multidisciplinary; počet citací: 14

Kříbek, B., Žák, K., Dobeš, P., **Leichmann, J.**, Pudilová, M., René, M., Scharm, B., Scharmová, M., Hájek, A., Holeczy, D., Hein, U.F., Lehmann, B. (2009): The Rožná uranium deposit (Bohemian Massif, Czech Republic): shear zone-hosted, late Variscan and post-Variscan hydrothermal mineralization. *Mineralium Deposita*, 44, 99–128. doi: 10.1007/s00126-008-0188-0

WoS: IF₂₀₀₈: 2,037; **Q1** (5/25) in Mineralogy; **Q2** (20/64) in Geochemistry & Geophysics; počet citací: 46

Kučera, J., **Cempírek, J.**, Dolníček, Z., Muchez, P., Prochaska, W. (2009): Rare earth elements and yttrium geochemistry of dolomite from post-Variscan vein-type mineralization of the Nížký Jeseník and Upper Silesian Basins. *Journal of Geochemical Exploration*, 103, 2-3, 69–79. doi: 10.1016/j.gexplo.2009.08.001

WoS: IF₂₀₀₈: 0,878; **Q3** (44/64) in Geochemistry & Geophysics; počet citací: 50

Kuneš, P., Abrahám, V., Kovařík, O., Kopecký, M., Břízová, E., Dudová, L., Jankovská, V., Knipping, M., Kozáková, R., Nováková, K., Petr, L., Pokorný, P., **Roszková, A.**, Rybníčková, E., Svobodová-Svitavská, H., Wacnik, A. (2009): Czech Quaternary Palynological Database - PALYCZ: review and basic statistics of the data. *Preslia*, 81, 209–238. doi: neuvědno

WoS: IF₂₀₀₈: 2,396; **Q1** (29/156) in Plant Sciences; počet citací: 63

Leichmann, J., Jacher-Sliwczynska, K., Broska, I. (2009): Element mobility and fluid path ways during feldspar alteration: textural evidence from cathodoluminescence and electron microprobe study of an example from tonalites (High Tatra). *Neues Jahrbuch für Mineralogie - Abhandlungen*, 186, 1, 1–10. doi: 10.1127/0077-7757/2009/0124

WoS: IF₂₀₀₈: 0,390; **Q4** (23/25) in Mineralogy; počet citací: 6

Novák, M., Vieira, R., Lima, A., **Škoda, R.**, Martins, T., Anjos Ribeiro, M. (2009): Ferronigerite with dominant substitution $TiSn_{-1}$ in muscovite+chlorite aggregate from massive quartz nodule associated with a petalite-rich aplite-pegmatite of the Barroso-Alvão pegmatite field, Northern Portugal. *Neues Jahrbuch für Mineralogie - Abhandlungen*, 186, 67–78. doi: 10.1127/0077-7757/2009/0132

WoS: IF₂₀₀₈: 0,390; **Q4** (23/25) in Mineralogy; počet citací: 5

Plášil, J., Sejkora, J., Čejka, J., **Škoda, R.**, Goliáš, V. (2009): Supergene mineralization of the Medvědin uranium deposit, Krkonoše Mountains, Czech Republic. *Journal of Geosciences*, 54, 1, 15–56. doi: 10.3190/jgeosci.029

WoS: IF₂₀₀₈: neuvědno; počet citací: 42

Staněk, T., **Sulovský, P.** (2009): The influence of phosphorous pentoxide on the phase composition and formation of Portland clinker. *Materials Characterization*, 60, 7, 749–755. doi: 10.1016/j.matchar.2008.11.013

WoS: IF₂₀₀₈: 1,225; **Q1** (4/28) in Materials Science, Characterization & Testing; počet citací: 33

Svoboda, J., Králík, M., Čulíková, V., **Hladilová, Š.**, Novák, M., Nývltová Fišáková, M., Nývlt, D., Zelinková, M. (2009): Pavlov VI: an Upper Palaeolithic living unit. *Antiquity*, 83, 320, 282–295. doi: 10.1017/S0003598X00098434

WoS: IF₂₀₀₈: 0,844; **Q2** (24/61) in Anthropology; počet citací: 24

Škácha, P., Goliáš, V., Sejkora, J., **Plášil, J.**, **Škoda, R.**, Ježek, J. (2009): Hydrothermal uranium-base metal mineralization of the Jánská vein, Březové Hory, Příbram, Czech Republic: lead isotopes and chemical dating of uraninite. *Journal of Geosciences*, 54, 1, 1–13. doi: 10.3190/jgeosci.030

WoS: IF₂₀₀₈: neuvédno; počet citací: 23

Zágoršek, K., Holcová, K., **Nehyba, S.**, Kroh, A., Hladilová, Š. (2009): The invertebrate fauna of the Middle Miocene (Lower Badenian) sediments of Kralice nad Oslavou (Central Paratethys, Moravian part of the Carpathian Foredeep). *Bulletin of Geosciences*, 84, 3, 465–496. doi: 10.3140/bull.geosci.1078

WoS: IF₂₀₀₈: neuvédno; počet citací: 22

Žáček, V., **Škoda, R.**, Sulovský, P. (2009): U-Th-rich zircon, thorite and allanite-(Ce) as a main carriers of radioactivity in the highly radioactive ultrapotassic melasyenite porphyry from the Šumava Mts., Moldanubian Zone, Czech Republic. *Journal of Geosciences*, 54, 4, 343–354. doi: 10.3190/jgeosci.053

WoS: IF₂₀₀₈: neuvédno; počet citací: 15

2008 (celkem 23 článků, 9 studentů spoluautorů – červeně)

Bábek, O., Franců, E., **Kalvoda, J.**, Neubauer, F. (2008): A digital image analysis approach to measurement of the conodont colour alteration index (CAD): a case study from the Moravo-Silesian Zone, Czech Republic. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen* 249, 2, 185–201. doi: 10.1127/0077-7749/2008/0249-0185

WoS: IF₂₀₀₇: 0,496; **Q4** (32/40) in Paleontology; počet citací: 7

Bábek, O., Hilscherová, K., **Nehyba, S.**, **Zeman, J.**, **Faměra, M.**, Franců, J., Holoubek, I., Machát, J., Klánová, J. (2008): Contamination history of suspended river sediments accumulated in oxbow lakes over the last 25 years (Morava River, Danube catchment area), Czech Republic. *Journal of Soils and Sediments* 8, 3, 165–176. doi: 10.1007/s11368-008-0002-8

WoS: IF₂₀₀₇: 4,373; **Q1** (1/30) in Soil Science; počet citací: 66

Cempírek, J., Houzar, S., **Novák, M.** (2008): Complexly zoned niobian titanite from hedenbergite skarn at Písek, Czech Republic constrained by substitutions Al(Nb,Ta) Ti₂, Al(F,OH) (TiO)₋₁ and Sn Ti₋₁. *Mineralogical Magazine*, 72, 6, 1317–1329. doi: 10.1180/minmag.2008.072.6.1293

WoS: IF₂₀₀₇: 1,269; **Q2** (8/25) in Mineralogy; počet citací: 26

Doláková, N., **Brzobohatý, R.**, **Hladilová, Š.**, **Nehyba, S.** (2008): The red algal facies of the Lower Badenian limestones of the Carpathian Foredeep in Moravia (Czech Republic). *Geologica Carpathica*, 59, 2, 133–146. doi: neuvédno

WoS: IF₂₀₀₇: 0,517; **Q4** (122/137) in Geosciences, Multidisciplinary; počet citací: 27

Faimon J., **Blecha M.** (2008): Interaction of Freshly Precipitated Silica Gel with Aqueous Silicic Acid Solutions under Ambient and Near Neutral pH-conditions: A Detailed Analysis of Linear Rate Law. *Aquatic Geochemistry*, 14, 1, 1–40. doi: 10.1007/s10498-007-9024-x

WoS: IF₂₀₀₇: 1,412; **Q2** (26/63) in Geochemistry & Geophysics; počet citací: 1

Filip, J., Dachs, E., Tuček, J., **Novák, M.**, Bezdička, P. (2008): Low-temperature calorimetric and magnetic data for the natural end-members of axinite group. *American Mineralogist*, 93, 4, 548–557. doi: 10.2138/am.2008.2680

WoS: IF₂₀₀₇: 2,203; **Q1** (4/25) in Mineralogy; **Q1** (13/63) in Geochemistry & Geophysics; počet citací: 7

Grabowski, J., **Bábek, O.**, Nawrocki, J., Tomek, Č. (2008): New palaeomagnetic data from the palaeozoic carbonates of the Moravo-Silesian Zone (Czech Republic): evidence for a timing and origin of the late Variscan remagnetization. *Geological Quarterly*, 52, 4, 321–334. doi: neuvédno

WoS: IF₂₀₀₇: 0,712; Q3 (23/40) in Geology; počet citací: 8

Gregerová M., Všíanský, D., Hložek M. (2008): New findings on the ceramic petrography of the Loštice pottery. *Chemické listy*, 102, 2, 859–863. doi: neuvedeno

WoS: IF₂₀₀₇: 0,683; Q3 (88/128) in Chemistry, Multidisciplinary; počet citací: 0

Halavínová, M., Melichar, R., Slobodník M. (2008): Hydrothermal veins linked with Variscan structure of the Prague Synform (Barrandien, Czech Republic): resolving fluid-wall rock interaction. *Geological Quarterly*, 52, 4, 309–628. doi: neuvedeno

WoS: IF₂₀₀₇: 0,712; Q3 (23/40) in Geology; počet citací: 9

Hladil, J., Strnad, L., Šálek, M., Jankovská, V., Šimandl, P., Schwartz, J., Smolík, J., **Lisá, L.,** Koptíková, L., Rohovec, J., Böhmová, V., Langrová, A., Kociánová, M., **Melichar, R.,** Adamovič, J. (2008): An anomalous atmospheric dust deposition event over Central Europe, 24 March 2007, and fingerprinting of the SE Ukrainian source. *Bulletin of Geosciences*, 83, 2, 175–206. doi: 10.3140/bull.geosci.2008.02.175

WoS: IF₂₀₀₇: neuvedeno; počet citací: 19

Isaacson, P.E., Diaz-Martínez, G.W., Grader, G.W., **Kalvoda, J., Bábek, O.,** Devuyt, F.-X. (2008): Late Devonian-earliest Mississippian glaciation in Gondwana and its biogeographic consequences. *Palaeogeography Palaeoclimatology Palaeoecology*, 268, 3-4, 126–142. doi: 10.1016/j.palaeo.2008.03.047

WoS: IF₂₀₀₇: 2,162; Q1 (4/40) in Paleontology; Q2 (8/31) in Geography, Physical; Q1 (28/137) in Geosciences, Multidisciplinary; počet citací: 178

Ivanov, M. (2008): Early Miocene Amphibians (Caudata, Salientia) from the Mokrý-Western Quarry (Czech Republic) with comments on the evolution of Early Miocene amphibian assemblages in Central Europe. *Geobios*, 41, 4, 465–492. doi: 10.1016/j.geobios.2007.11.004

WoS: IF₂₀₀₇: 0.658; Q3 (25/40) in Paleontology; počet citací: 31

Kalvoda, J., Bábek, O., Fatka, O., **Leichmann, J., Melichar, R.,** Nehyba, S., Špaček, P. (2008): Brunovistulian terrane (Bohemian Massif, Central Europe) from late Proterozoic to late Paleozoic: a review. *International Journal of Earth Sciences*, 97, 3, 497–517. doi: 10.1007/s00531-007-0183-1

WoS: IF₂₀₀₇: 1,719; Q2 (43/137) in Geosciences, Multidisciplinary; počet citací: 152

Leichmann, J., Hoeck, V. (2008): The Brno Batholith: an insight into the magmatic and metamorphic evolution of the Cadomian Brunovistulian Unit, eastern margin of the Bohemian Massif. *Journal of Geosciences*, 53, 1, 281–305. doi: 10.3190/jgeosci.037

WoS: IF₂₀₀₇: neuvedeno; počet citací: 21

Matysová, M., **Leichmann, J.,** Grygar, T., Roessler, R. (2008): Cathodoluminescence of silicified trunks from the Permo-Carboniferous basins in eastern Bohemia, Czech Republic. *European Journal of Mineralogy*, 20, 217–231. doi: 10.1127/0935-1221/2008/0020-1797

WoS: IF₂₀₀₇: 1,206; Q2 (12/25) in Mineralogy; počet citací: 18

Mukherjee, A., von Brömssen, M., Scanlon, B.R., Bhattacharya, P., Fryar, A.E., Aziz Hasan, M., Matin Ahmed K., Chatterjee, D., Jacks, G., **Sracek, O.** (2008): Hydrogeochemical comparison and effects of overlapping redox zones on groundwater arsenic near the Western (Bhagirathi sub-basin, India) and Eastern (Meghna sub-basin, Bangladesh) margins of the Bengal Basin. *Journal of Contaminant Hydrology*, 99, 1-4, 31–48. doi: 10.1016/j.jconhyd.2007.10.005

WoS: IF₂₀₀₇: 1,852; Q1 (5/59) in Water Resources; Q2 (49/160) in Environmental Sciences; Q2 (38/137) in Geosciences, Multidisciplinary; počet citací: 128

Nehyba, S., Petrová-Tomanová, P., Zagoršek, K. (2008): Sedimentological and palaeocological records of the evolution of the south-western part of the Carpathian Foredeep (Czech Republic) during the Early Badenian. *Geological Quarterly*, 52, 1, 45–60. doi: neuvedeno

WoS: IF₂₀₀₇: 0,712; Q3 (23/40) in Geology; počet citací: 18

Novák, M., Johan, Z., **Škoda, R.,** Černý, P., Šrein, V., Veselovský, F. (2008): Primary oxide minerals in the system WO₃ – Nb₂O₅ – TiO₂ – Fe₂O₃ – FeO and their breakdown products from the pegmatite No. 3 at Dolní Bory - Hatě, Czech Republic. *European Journal of Mineralogy*, 20, 4, 487–499. doi: 10.1127/0935-1221/2008/0020-1834

WoS: IF₂₀₀₇: 1,206; Q2 (12/25) in Mineralogy; počet citací: 27

Novák, M., Sejkora, J., **Škoda, R.**, Budina, V. (2008): Bismutotantalite-stibiotantalite-stibiocolumbite assemblage from elbaite pegmatites at Molo near Momeik, northern Shan State, Myanmar. *Neues Jahrbuch für Mineralogie - Abhandlungen*, 185, 17–26. doi: 10.1127/0077-7757/2008/0108

WoS: IF₂₀₀₇: 0,574; Q4 (22/25) in Mineralogy; počet citací: 5

Slobodník, M., Jacher-Śliwczynska, K., **Taylor, M.C.**, Schneider, J., Dolníček, Z. (2008): Plumbotectonic aspects of polymetallic vein mineralization in Paleozoic sediments and Proterozoic basement of Moravia (Czech Republic). *International Journal of Earth Sciences*, 97, 1, 1–18. doi: 10.1007/s00531-006-0157-8

WoS: IF₂₀₀₇: 1,719; Q2 (43/137) in Geosciences, Multidisciplinary; počet citací: 11

Smrčka, V., Erban, V., Hložek, M., **Gregerová, M.**, Dočkalová, M. (2008): Reconstruction of mobility: comparison between te analysis of Sr isotopes in a set of Neolithic skeletons from the Vedrovice cemetery, and the petrographical analysis of pottery in graves. *Anthropologie*, XLVI, 2-3, 233–238. doi: neuvodeno

WoS: IF₂₀₀₇: 0,345; Q3 (37/58) in Anthropology; počet citací: 2

Vinšová, H., Jedináková-Křížová, V., Kolaříková, I., Adamcová, J., Prikryl, R., **Zeman, J.** (2008): The influence of temperature and hydration on the sorption properties of bentonite. *Journal of Environmental Radioactivity*, 99, 2, 415–425. doi: 10.1016/j.jenvrad.2007.11.003

WoS: IF₂₀₀₇: 0,963; Q3 (109/160) in Environmental Sciences; počet citací: 14

von Brömssen, M., Hällar Larsson, S., Bhattacharya, P., Aziz Hasan, M., Matin Ahmed K., Jakariya, M., Mohiuddin A. S., **Sracek, O.**, Bivén, A., Doušová, B., Patriarca, C., Thunvik, R., Jacks, G. (2008): Geochemical characterisation of shallow aquifer sediments of MatlabUpazila, Southeastern Bangladesh Implications for targeting low-As aquifers. *Journal of Contaminant Hydrology*, 99, 1-4, 137–149. doi: 10.1016/j.jconhyd.2008.05.005

WoS: IF₂₀₀₇: 1,852; Q1 (5/59) in Water Resources; Q2 (49/160) in Environmental Sciences; Q2 (38/137) in Geosciences, Multidisciplinary; počet citací: 66

2007 (celkem 29 článků, 10 studentů spoluautorů – červeně)

Bábek, O., Prikryl, T., Hladil, J. (2007): Progressive drowning of carbonate platform in the Moravo-Silesian Basin (Czech Republic) before the Frasnian/Famennian event: facies, compositional variations and gamma-ray spectrometry. *Facies*, 53, 2, 293–316. doi: 10.1007/s10347-006-0095-8

WoS: IF₂₀₀₆: 0,788; Q3 (25/36) in Paleontology; Q3 (24/37) in Geology; počet citací: 41

Breiter, K., **Škoda, R.**, Uher, P. (2007): Nb-Ta-Ti-W-Sn-oxide minerals as indicators of a peraluminous P- and F-rich granitic system evolution: Podlesí, Czech Republic. *Mineralogy and Petrology*, 91, 3-4, 225–248. doi: 10.1007/s00710-007-0197-1

WoS: IF₂₀₀₆: 1,038; Q3 (15/26) in Mineralogy; Q3 (39/59) in Geochemistry & Geophysics; počet citací: 79

Brož, M., Kovářová, M., **Losos, Z.**, Linhartová, M., Vávra, V. (2007): The mineralogical research of manganese-phosphate crusts in the region of Hodušín-Božetice at Milevsko. *Acta Geodynamica et Geomaterialia*, 4, 2, 43–55. doi: neuvodeno

WoS: IF₂₀₀₆: neuvodeno; počet citací: 1

Brzobohatý, R., Nolf, D., Kroupa, O. (2007): Fish Otoliths from the Middle Miocene of Kienberg at Mikulov, Czech Republic, Vienna Basin: their paleoenvironmental and paleogeographic significance. *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique-Sciences de la Terre*, 77, 167–196. doi: neuvodeno

WoS: IF₂₀₀₆: neuvodeno; počet citací: 28

Buriánek, D., **Novák, M.** (2007): Compositional evolution and substitutions in disseminated and nodular tourmaline from leucocratic granites: Examples from the Bohemian Massif, Czech Republic. *Lithos*, 95, 1-2, 148–164. doi: 10.1016/j.lithos.2006.07.006

WoS: IF₂₀₀₆: 2,203; Q1 (3/26) in Mineralogy; Q2 (16/59) in Geochemistry & Geophysics; počet citací: 52

Černý, P., **Novák, M.**, Chapman, R., Ferreira, K. (2007): Subsolidus behavior of niobian rutile from the Písek region, Czech Republic: a model for exsolution in W- and Fe²⁺>>Fe³⁺-rich phases. *Journal of Geosciences*, 52, 1, 143–159. doi: 10.3190/jgeosci.008

WoS: IF₂₀₀₆: neuvedeno; počet citací: 53

Devuyst, F.-X., **Kalvoda, J.** (2007): Early evolution of the genus *Eoparastaffella* (Foraminifera) in Eurasia: the 'interiecta group' and related forms, late Tournaisian to early Viséan (Mississippian). *Journal of Foraminiferal Research*, 37, 1, 69–89. doi: 10.2113/gsjfr.37.1.69

WoS: IF₂₀₀₆: 1,791; Q1 (7/36) in Paleontology; počet citací: 24

Dokoupilová, P., Sracek, O., Losos, Z. (2007): Geochemical behavior and mineralogical transformations in a spontaneous combustion coal waste pile in Oslavany, Czech Republic. *Mineralogical Magazine*, 71, 4, 443–460. doi: 10.1180/minmag.2007.071.4.443

WoS: IF₂₀₀₆: 1,064; Q3 (14/26) in Mineralogy; počet citací: 25

Filip, J., Zbořil, R., Schneeweiss, O., **Zeman, J.**, Černík, M., Kvapil, P., Otyepka, M. (2007): Environmental applications of chemically-pure natural ferrihydrite. *Environmental Science and Technology*, 41, 12, 4367–4374. doi: 10.1021/es062312t

WoS: IF₂₀₀₆: 4,040; Q1 (1/35) in Engineering, Environmental; Q1 (4/144) in Environmental Sciences; počet citací: 98

Garcia, M.G., **Sracek, O.**, Fernandez, D.S., Hidalgo, M.D.V. (2007): Factors affecting arsenic concentration in groundwaters from Northwestern Chaco-Pampean Plain, Argentina. *Environmental Geology*, 52, 7, 1261–1275. doi: 10.1007/s00254-006-0564-y

WoS: IF₂₀₀₆: 0,610; Q4 (121/144) in Environmental Sciences; Q4 (104/131) in Geosciences, Multidisciplinary; Q3 (39/57) in Water Resources; počet citací: 20

Hanžl, P., Janoušek, V., Žáček, V., **Willimský, D.**, Eichler, J., Erban, V., Pudilová, M., Chlupáčová, M., Buriánková, K., Mixa, P., Pecina, V. (2007): Magmatic history of granite-derived mylonites from the southern Deská Unit (Silesicum, Czech Republic). *Mineralogy and Petrology*, 89, 45–75. doi: 10.1007/s00710-006-0137-5

WoS: IF₂₀₀₆: 1,038; Q3 (15/26) in Mineralogy; Q3 (39/59) in Geochemistry & Geophysics; počet citací: 10

Hasan, M.A., Ahmed, K.M., **Sracek, O.**, Bhattacharya, P., von Brömssen, M., Broms, S., Fogelström, J., Mazumder, M.L., Jacks, G. (2007): Arsenic in shallow groundwater of Bangladesh: investigation from three different physiographic settings. *Hydrogeology Journal*, 15, 8, 1507–1522. doi: 10.1007/s10040-007-0203-z

WoS: IF₂₀₀₆: 1,288; Q1 (14/57) in Water Resources; Q2 (54/131) in Geosciences, Multidisciplinary; počet citací: 124

Ivanov M. (2007): Herpetological assemblages from the Pliocene to middle Pleistocene in Central Europe: the palaeoecological significance. *Geodiversitas*, 29, 2, 5–28. doi: neuvedeno

WoS: IF₂₀₀₆: 0,717; Q3 (27/36) in Paleontology; počet citací: 24

Jiricek, M., **Sracek, O.**, Janda, V. (2007): Removal of chlorinated solvents from carbonate-buffered water by zero-valent iron. *Central European Journal of Chemistry*, 5, 87–106. doi: 10.2478/s11532-006-0071-8

WoS: IF₂₀₀₆: 0,561; Q3 (89/124) in Chemistry, Multidisciplinary; počet citací: 6

Jiříček, M., **Šráček, O.**, Janda, V. (2007): Removal of chloro derivatives of ethene from ground water with granulated-iron reaction barriers. *Chemické listy*, 101, 2, 176–180. doi: neuvedeno

WoS: IF₂₀₀₆: 0,431; Q4 (99/124) in Chemistry, Multidisciplinary; počet citací: 2

Kotková, J., Gerdes, A., Parrish, R.R., **Novák, M.** (2007): Clasts of Variscan high-grade rocks within Upper Viséan conglomerates – a missing link in the late Variscan evolution of Central Europe: constraints from U-Pb chronology. *Journal of Metamorphic Geology*, 25, 7, 781–801. doi: 10.1111/j.1525-1314.2007.00730.x

WoS: IF₂₀₀₆: 2,350; Q1 (2/37) in Geology; počet citací: 41

Kotková, J. (2007): High-pressure granulites of the Bohemian Massif: recent advances and open questions. *Journal of Geosciences*, 52, 1-2, 45–71. doi: 10.3190/jgeosci.006

WoS: IF₂₀₀₆: neuvedeno; počet citací: 84

- Kováč, M., Andreyeva-Grigorovich, A., Bajraktarević, Z., **Brzobohatý, R.**, Filipescu, S., Fodor, L., Harzhauser, M., Oszczytko, N., Nagymarosy, A., Pavelić, D., Rögl, F., Saftić, B., Sliva, L., Studencka, B. (2007): Badenian evolution of the Central Paratethys Sea: paleogeography, paleoclimate and eustatic changes. *Geologica Carpathica*, 58, 6, 579–606. doi: neuvedeno
WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 209
- Kuchovský, T., Sracek, O.** (2007): Natural attenuation of chlorinated solvents: a comparative study. *Environmental Geology*, 53, 1, 147–157. doi: 10.1007/s00254-006-0628-z
WoS: IF₂₀₀₆: 0,610; Q4 (121/144) in Environmental Sciences; Q4 (104/131) in Geosciences, Multidisciplinary; Q3 (39/57) in Water Resources; počet citací: 7
- Leichmann, J., Novák, M., Buriánek, D., Burger, D.** (2007): High-temperature to ultrahigh-temperature related to multiple ultrapotassic intrusions: evidence from garnet-sillimanite-cordierite kinzigite and garnet-orthopyroxene migmatites in the eastern part of the Moldanubian Zone (Bohemian Massif). *Geologica Carpathica*, 58, 5, 415–425. doi: neuvedeno
WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 7
- Lenhardt, W., Švancara, J., **Melichar, P.**, Pazdírková, J., Havíř, J., Sýkorová, Z. (2007): Seismic activity of the Alpine-Carpathian-Bohemian Massif region with regard to geological and potential field data. *Geologica Carpathica*, 58, 4, 397–412. doi: neuvedeno
WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 57
- Milner, A.R., Klembara, J., **Dostál, O.** (2007): A ztrachydid temnospondyl from the Lower Permian of the Boskovice Furrow in Moravia (Czech Republic). *Journal of Vertebrate Paleontology*, 27, 3, 711–715. doi: 10.1671/0272-4634(2007)27[711:A7TFTL]2.0.CO;2
WoS: IF₂₀₀₆: 1,418; Q1 (9/55) in Paleontology; počet citací: 10
- Mucke, A., **Losos, Z.** (2007): The magnetite mineralizations of the Desná Group in the Silesicum, Czech Republic: petrographic, mineralogical, and geochemical studies and their genetic implications. *Journal of Geosciences*, 52, 3-4, 227–270. doi: 10.3190/jgeosci.016
WoS: IF₂₀₀₆: neuvedeno; počet citací: 4
- Nehyba, S., Šikula, J.** (2007): Depositional architecture, sequence stratigraphy and geodynamic development of the Carpathian Foredeep (Czech Republic). *Geologica Carpathica*, 58, 1, 53–69. doi: neuvedeno
WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 39
- Novák, M., Škoda, R.** (2007): Mn³⁺-rich andalusite to kanonaite and their breakdown products from metamanganolite at Kojetice near Třebíč, the Moldanubian Zone, Czech Republic. *Journal of Geosciences*, 52, 1, 161–167. doi: 10.3190/jgeosci.003
WoS: IF₂₀₀₆: neuvedeno; počet citací: 9
- Prokop, J., Příkryl, T., **Dostál, O.**, Nel, A. (2007): *Oligaeschna kvaceki* sp. nov., a new fossil dragonfly (Odonata: Aeshnidae) from the middle Oligocene sediments of northern Moravia (Western Carpathians). *Geologica Carpathica*, 58, 2, 181–184. doi: neuvedeno
WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 10
- Škoda, R., Novák, M.** (2007): Y,REE,Nb,Ta,Ti-oxide (AB₂O₆) minerals from REL-REE euxenite-subtype pegmatites of the Třebíč Pluton, Czech Republic; substitutions and fractionation trends. *Lithos*, 95, 1-2, 43–57. doi: 10.1016/j.lithos.2006.07.020
WoS: IF₂₀₀₆: 2,203; Q1 (3/26) in Mineralogy; Q2 (16/59) in Geochemistry & Geophysics; počet citací: 43
- Vencelides, Z., **Sracek, O.**, Prommer, H. (2007): Modelling of iron cycling and its impact on the electron balance at a petroleum hydrocarbon contaminated site in Hnevice, Czech Republic. *Journal of Contaminant Hydrology*, 89, 3-4, 270–294. doi: 10.1016/j.jconhyd.2006.09.003
WoS: IF₂₀₀₆: 1,717; Q1 (4/57) in Water Resources; Q2 (43/144) in Environmental Sciences; Q2 (37/131) in Geosciences, Multidisciplinary; počet citací: 31
- von Brömssen, M., Jakariya, M., Bhattacharya, P., Ahmed, K.M., Hasan, M. A., **Sracek, O.**, Jonsson, L., Lundell, L., Jacks, G. (2007): Targeting low-arsenic aquifers in Matlab Upazila, Southeastern Bangladesh. *Science of the Total Environment*, 379, 2-3, 121–132. doi: 10.1016/j.scitotenv.2006.06.028

WoS: IF₂₀₀₆: 2,359; Q1 (28/144) in Environmental Sciences; počet citací: 150

2006 (celkem 28 článků, 11 studentů spoluautorů – červeně)

Bábek, O., Tomek, Č., **Melichar, R.**, **Kalvoda, J.**, Otava, J. (2006): Structure of unmetamorphosed Variscan tectonic units of the southern Moravo-Silesian zone, Bohemian Massif: a review. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen*, 239, 1, 37–75. doi: neuvvedeno

WoS: IF₂₀₀₅: 0,721; Q3 (22/35) in Paleontology; počet citací: 24

Barčová, K., Mashlan, M., Zbořil, R., **Filip, J.**, Podjuklová, J., Hrabovská, K., P. Schaaf (2006): Phase composition of steel-enamel interfaces: effects of chemical pre-treatment. *Surface & Coatings Technology*, 201, 3-4, 1836–1844. doi: 10.1016/j.surfcoat.2006.03.015

WoS: IF₂₀₀₅: 1,646; Q1 (3/19) in Materials Science, Coatings & Films; Q2 (25/83) in Physics, Applied; počet citací: 21

Bertolo R., Hirata R., **Srček, O.** (2006): Geochemistry and geochemical modeling of unsaturated zone in a tropical region in Urania, Sao Paulo state, Brazil. *Journal of Hydrology*, 329, 1-2, 49–62. doi: 10.1016/j.jhydrol.2006.02.001

WoS: IF₂₀₀₅: 1,745; Q1 (4/57) in Water Resources; Q1 (1/80) in Engineering, Civil; Q1 (27/129) in Geosciences, Multidisciplinary; počet citací: 20

Bhattacharya, P., Claesson, M., Bundschuh, J., **Srček, O.**, Fagerberg, J., Jacks, G., Martin, R.A., del Stornio, A., Thir, J.M. (2006): Distribution and mobility of arsenic in the Río Dulce alluvial aquifers in Santiago del Estero Province, Argentina. *Science of the Total Environment*, 358, 1-3, 97–120. doi: 10.1016/j.scitotenv.2005.04.048

WoS: IF₂₀₀₅: 2,224; Q1 (22/140) in Environmental Sciences; počet citací: 222

Breiter, K., Förster, H.-J., **Škoda, R.** (2006): Extreme P-,Bi-,Nb-,Sc-,U- and F-rich zircon from fractionated perphosphorous granites: The peraluminous Podlesí granite system, Czech Republic. *Lithos*, 88, 1-4, 15–34. doi: 10.1016/j.lithos.2005.08.011

WoS: IF₂₀₀₅: 2,243; Q1 (3/25) in Mineralogy; Q1 (13/55) in Geochemistry & Geophysics; počet citací: 97

Cempírek, J., **Novák, M.**, Ertl, A., Hughes, J.M., Rossman, G.R., Darby, M.D. (2006): Fe-bearing olenite with tetrahedrally coordinated Al from an abyssal pegmatite at Kutná Hora, Czech Republic: structure, crystal chemistry, optical spectra and Xanes spectra. *Canadian Mineralogist*, 44, 1, 23–30. doi: 10.2113/gscanmin.44.1.23

WoS: IF₂₀₀₅: 1,259; Q2 (10/25) in Mineralogy; počet citací: 34

Devuyst, F.-X., Hance, L., Poty, E. (2006): Moliniacian. *Geologica Belgica*, 9, 1-2, 123–131. doi: neuvvedeno

WoS: IF₂₀₀₅: neuvvedeno; počet citací: 13

Doležalová, H., Houzar, S., **Losos, Z.**, **Škoda, R.** (2006): Kinoshitalite with a high magnesium content in sulphide-rich marbles from the Rožná uranium deposit, Western Moravia, Czech Republic. *Neues Jahrbuch für Mineralogie - Abhandlungen*, 182, 2, 165–171. doi: 10.1127/0077-7757/2006/0039

WoS: IF₂₀₀₅: 0,529; Q4 (21/25) in Mineralogy; počet citací: 6

Ettler, V., Mihajlevič, M., Šebek, O., Molek, M., Grygar, T., **Zeman, J.** (2006): Geochemical and Pb isotopic evidence for sources and dispersal of metal contamination in stream sediments from the mining and smelting district Příbram, Czech Republic. *Environmental Pollution*, 142, 3, 27–35. doi: 10.1016/j.envpol.2005.10.024

WoS: IF₂₀₀₅: 2,451; Q1 (17/140) in Environmental Sciences; počet citací: 121

Faimon, J., **Štelel, J.**, Sas, D. (2006): Anthropogenic CO₂-flux into cave atmosphere and its environmental impact: A case study in the Císařská Cave (Moravian Karst, Czech Republic). *Science of the Total Environment*, 369, 1-3, 231–245. doi: 10.1016/j.scitotenv.2006.04.006

WoS: IF₂₀₀₅: 2,224; Q1 (22/140) in Environmental Sciences; počet citací: 61

Filip, J., Kolitsch, U., **Novák, M.**, Schneewiess, O. (2006): The crystal structure of near-end-member ferroaxinite from an iron-contaminated primitive pegmatite at Malešov, Czech Republic. *Canadian Mineralogist*, 44, 1159–1170. doi: 10.2113/gscanmin.44.5.1159

WoS: IF₂₀₀₅: 1,259; Q2 (10/25) in Mineralogy; počet citací: 7

Filip, J., Novák, M., Beran, A., Zbořil, R. (2006): Crystal chemistry and OH defect concentrations in spodumene from different granitic pegmatites. *Physics and Chemistry of Minerals*, 32, 10, 733–746. doi: 10.1007/s00269-005-0051-0

WoS: IF₂₀₀₅: 1,336; Q2 (54/178) in Materials Science; Q2 (8/25) in Mineralogy, Multidisciplinary; počet citací: 21

Hance, L., Poty, E., **Devuyst, F.-X.** (2006): Tournaisian. *Geologica Belgica*, 9, 1-2, 47–53. doi: neuvedeno

WoS: IF₂₀₀₅: neuvedeno; počet citací: 17

Hance, L., Poty, E., **Devuyst, F.-X.** (2006): Visean. *Geologica Belgica*, 9, 1-2, 55–62. doi: neuvedeno

WoS: IF₂₀₀₅: neuvedeno; počet citací: 14

Hance, L., Poty, E., **Devuyst, F.-X.** (2006): Ivorian. *Geologica Belgica*, 9, 1-2, 117–122. doi: neuvedeno

WoS: IF₂₀₀₅: neuvedeno; počet citací: 10

Hladilová, Š. (2006): Schultz O., Piller W.E., Hg.: *Catalogus Fossilium Austriae Band 1/Teil 2 Bivalvia neogenica (Lucinoidea-Mactroidea), Band 1/Teil 3 Bivalvia neogenica (Solenioidea-Clavagelloidea)-review.* *Bulletin of Geosciences*, 81, 3, 214. doi: neuvedeno

WoS: IF₂₀₀₅: neuvedeno; počet citací: 0

Hyršl, J., **Novák, M., Škoda, R.** (2006): Gem-quality massive pink muscovite from Brazil. *Gems and Gemology*, 42, 65–66. doi: neuvedeno

WoS: IF₂₀₀₅: 1,762; Q1 (5/25) in Mineralogy; počet citací: 3

Chadima, M., Hrouda, F., **Melichar, R.** (2006): Magnetic fabric study of the SE Rhenohercynian Zone (Bohemian Massif): Implications for dynamics of the Paleozoic accretionary wedge. *Tectonophysics*, 418, 1-2, 93–109. doi: 10.1016/j.tecto.2005.12.015

WoS: IF₂₀₀₅: 1,732; Q2 (19/55) in Geochemistry & Geophysics; počet citací: 24

Kvaček, Z., Kováč, M., Kovar-Eder, J., **Doláková, N.,** Jechorek, H., Parashiv, V., Kováčová, M., Sliva, E. (2006): Miocene evolution of landscape and vegetation in the Central Paratethys. *Geologica Carpathica*, 57, 4, 295–310. doi: neuvedeno

WoS: IF₂₀₀₅: 0,449; Q4 (111/129) in Geosciences, Multidisciplinary; počet citací: 67

Leichmann, J., Hejl, E. (2006): Volcanism on Anafi island: short living, extensional, hydromagmatic volcanism in the central part of the South Aegean volcanic chain (Greece). *Neues Jahrbuch für Mineralogie - Abhandlungen*, 182, 3, 231–240. doi: 10.1127/0077-7757/2006/0047

WoS: IF₂₀₀₅: 0,529; Q4 (21/25) in Mineralogy; počet citací: 2

Menning, M., Alekseev, A.S., Chuvashov, B.I., Davydov, V.I., **Devuyst, F.-X.,** Forke, H.C., Grunt, T.A., Hance, L., Heckel, P.H., Izokh, N.G., Jin, Y.G., Jones, P.J., Kotlyar, G.V., Kozur, H.W., Nemyrovskaya, T.I., Schneider, J.W., Wang, X.D., Weddige, K., Weyer, D., Work, D.M. (2006): Global time scale and regional stratigraphic reference scales of Central and West Europe, East Europe, Tethys, South China, and North America as used in the Devonian–Carboniferous–Permian Correlation Chart 2003 (DCP 2003). *Palaeogeography Palaeoclimatology Palaeoecology*, 240, 1-2, 318–372. doi: 10.1016/j.palaeo.2006.03.058

WoS: IF₂₀₀₅: 1,899; Q1 (4/35) in Paleontology; Q2 (8/30) in Geography, Physical; Q1 (24/129) in Geosciences, Multidisciplinary; počet citací: 260

Mücke, A., **Fojt, B.,** Skácel, J. (2006): The Malé Vrbno magnetite occurrence of the Velké Vrbno Unit, Czech Republic: petrology, mineralogy, geochemistry and genesis. *Chemie der Erde - Geochemistry*, 66, 2, 109–127. doi: 10.1016/j.chemer.2004.08.003

WoS: IF₂₀₀₅: 0,846; Q3 (37/55) in Geochemistry & Geophysics; počet citací: 0

Poty, E., **Devuyst, F.-X.,** Hance, L. (2006): Upper Devonian and Mississippian foraminiferal and rugose coral zonations of Belgium and Northern France: a tool for Eurasian correlations. *Geological Magazine*, 143, 6, 1–29. doi: 10.1017/S0016756806002457

WoS: IF₂₀₀₅: 1,299; Q2 (46/129) in Geosciences, Multidisciplinary; počet citací: 194

Selker, J.S., Thévenaz, L., Huwald, H., Mallet, A., Luxemburg, W., Giesen, N., **Stejskal, M.**, **Zeman, J.**, Westhoff, M., Parlange, M.B. (2006): Distributed fiber-optic temperature sensing for hydrologic systems. *Water Resources Research*, 42, 12–20. doi: 10.1029/2006WR005326

WoS: IF₂₀₀₅: 1,939; **Q1** (3/17) in Limnology; **Q1** (2/57) in Water Resources; **Q1** (30/140) in Environmental Sciences; počet citací: 431

Šlesarová, A., **Zeman, J.**, Kušnierová, M. (2006): The evolution of mine waters quality at the locality of Smolník. *Acta montanistica Slovaca*, 11, 4, 245–250. doi: neuvedeno

WoS: IF₂₀₀₅: neuvedeno; počet citací: 0

Slobodník, M., Muchez, P., Král, J., Keppens, E. (2006): Variscan veins: record of fluid circulation and Variscan tectonothermal events in Upper Palaeozoic limestones of the Moravian Karst, Czech Republic. *Geological Magazine*, 143, 4, 491–508. doi: 10.1017/S0016756806001981

WoS: IF₂₀₀₅: 1,299; **Q2** (46/129) in Geosciences, Multidisciplinary; počet citací: 12

Sracek, O., Gelinás, P., Lefebvre, R., Nicholson, R.V. (2006): Comparison of methods for the estimation of pyrite oxidation rate in a waste rock pile at Mine Doyon site, Quebec, Canada. *Journal of Geochemical Exploration*, 91, 1-3, 99–109. doi: 10.1016/j.gexplo.2006.03.002

WoS: IF₂₀₁₇: 0,665; **Q4** (42/55) in Geochemistry & Geophysics; počet citací: 22

Taylor, M.C. (2006): The gel model for the formation of gem-bearing pockets within granitic pegmatites, and implications for gem synthesis. *Gems and Gemology*, 42, 3, 110–111. doi: neuvedeno

WoS: IF₂₀₀₅: 1,762; **Q1** (5/25) in Mineralogy; počet citací: 7

2005 (celkem 7 článků, 5 studentů spoluautorů – červeně)

Bartáková, I., **Zeman, J.** (2005): Steady states establishment during pyrite oxidation. *Chemické listy*, 99, 14, 533–535. doi: neuvedeno

WoS: IF₂₀₀₄: 0,348; **Q4** (101/125) in Chemistry, Multidisciplinary; počet citací: 0

Breiter, K., Mueller, A., **Leichmann, J.**, Gabašová, A. (2005): Textural and chemical evolution of a fractionated granitic system: the Podlesí stock, Czech Republic. *Lithos*, 80, 1, 323–345. doi: 10.1016/j.lithos.2003.11.004

WoS: IF₂₀₀₄: 2,567; **Q1** (2/23) in Mineralogy; **Q1** (9/50) in Geochemistry & Geophysics; počet citací: 99

Breiter, K., **Novák, M.**, Koller, F., **Cempírek, J.** (2005): Phosphorus - an omnipresent minor element in garnet of diverse textural types from leucocratic granitic rocks. *Mineralogy and Petrology*, 85, 3-4, 205–221. doi: 10.1007/s00710-005-0086-4

WoS: IF₂₀₀₄: 0,820; **Q3** (15/23) in Mineralogy; **Q3** (34/50) Geochemistry & Geophysics; počet citací: 30

Čopjaková R., **Sulovský P.**, Peterson, B. (2005): Major and trace elements in pyrope-almandine garnets as sediment provenance indicators of the Lower Carboniferous Culm sediments, Drahaný Uplands, Bohemian Massif. *Lithos*, 82, 1-2, 51–70. doi: 10.1016/j.lithos.2004.12.006

WoS: IF₂₀₀₄: 2,567; **Q1** (2/23) in Mineralogy; **Q1** (9/50) in Geochemistry & Geophysics; počet citací: 57

Faimon, J. (2005): Shaping of clay fragments during transport: a theoretical model. *Geologica Carpathica*, 56, 5, 455–460. doi: neuvedeno

WoS: IF₂₀₀₄: 0,494; **Q4** (108/128) in Geosciences, Multidisciplinary; počet citací: 1

Faimon, J. (2005): Total dynamics of quartz–water system at ambient conditions. *Aquatic Geochemistry*, 11, 2, 139–172. doi: 10.1007/s10498-004-2880-8

WoS: IF₂₀₀₄: 0,720; **Q3** (37/50) in Geochemistry & Geophysics; počet citací: 8

Sejkora, J., Novotný, P., **Novák, M.**, Šrein, V., Berlepsch, P. (2005): Calciopetersite from Domašov nad Bystřicí, northern Moravia, Czech Republic, a new mineral species of the mixite group. *Canadian Mineralogist*, 43, 4, 1393–1400. doi: 10.2113/gscanmin.43.4.1393

WoS: IF₂₀₀₄: 1,207; Q2 (9/23) in Mineralogy; počet citací: 11

2004 (celkem 17 článků, 3 studenti spoluautoři – červeně)

Ahmed, K.M., Bhattacharya, P., Hasan, M.A., Akhter, S.H., Alam, S.M.M., Bhuyian, M.A., Imam, M.B., Khan, A.A., **Sracek, O.** (2004): Arsenic enrichment in groundwater of the alluvial aquifers in Bangladesh: An overview. *Applied Geochemistry*, 19, 2, 181–200. doi: 10.1016/j.apgeochem.2003.09.006

WoS: IF₂₀₀₃: 1,804; Q2 (15/52) in Geochemistry & Geophysics; počet citací: 505

Almeida, R.M.R., Lauria, D.C., Ferreira, A.C., **Sracek, O.** (2004): Groundwater radon, radium and uranium concentrations in Regiao dos Lagos, Rio de Janeiro state, Brazil. *Journal of Environmental Radioactivity*, 73, 3, 323–334. doi: 10.1016/j.jenvrad.2003.10.006

WoS: IF₂₀₀₃: 0,837; Q3 (73/131) in Environmental Sciences; počet citací: 60

Baroň, I., Cílek, V., Krejčí, O., **Melichar, R.**, Hubatka, F. (2004): Structure and dynamics of deep-seated slope failures in the Magura Flysch Nappe, outer Western Carpathians (Czech Republic). *Natural Hazards and Earth System Sciences*, 4, 4, 549–562. doi: 10.5194/nhess-4-549-2004

WoS: IF₂₀₀₃: neuvédeno; počet citací: 66

Broska, I., Williams, T., Uher, P., Konečný, P., **Leichmann, J.** (2004): The geochemistry of phosphorus in different granite suites of the Western Carpathians, Slovakia: the role of apatite and P-bearing feldspars. *Chemical Geology*, 205, 1-2, 224–236. doi: 10.1016/j.chemgeo.2003.09.004

WoS: IF₂₀₀₃: 2,330; Q1 (10/52) in Geochemistry & Geophysics; počet citací: 77

Faimon, J., Nehyba, S. (2004): The formation of spherical clay balls on the slopes of sandpit quarry, the Rudice-Šec (Czech Republic). *Catena*, 58, 1, 23–40. doi: 10.1016/j.catena.2004.001.002

WoS: IF₂₀₀₃: 1,083; Q1 (10/55) in Water Resources; Q2 (49/128) in Geosciences, Multidisciplinary; Q2 (9/28) in Agriculture, Soil Science; počet citací: 5

Geršl, M., Hladil, J. (2004): Gamma-ray and magnetic susceptibility correlation across a Frasnian carbonate platform and the search for “punctata” in stromatopoid-coral limestone facies of Moravia. *Geological Quarterly*, 48, 3, 283–292. doi: neuvédeno

WoS: IF₂₀₀₃: neuvédeno; počet citací: 19

Komárek, M., **Zeman, J.** (2004): Dynamics of Cu, Zn, Cd, and Hg release from sediments at surface conditions. *Bulletin of Geosciences*, 79, 2, 99–106. doi: neuvédeno

WoS: IF₂₀₀₃: neuvédeno; počet citací: 20

Kotková, J. (2004): Geology without frontiers: magmatic and metamorphic evolution of Central European variscides. *Episodes*, 27, 1, 49–50. doi: neuvédeno

WoS: IF₂₀₀₃: 1,020; Q2 (55/128) in Geosciences, Multidisciplinary; počet citací: 0

Lauria, D.C., Almeida, R.M.R., **Sracek, O.** (2004): Behavior of radium, thorium and uranium in groundwater near the Buena Lagoon in the Coastal Zone of the State of Rio de Janeiro, Brazil. *Environmental Geology*, 47, 1, 11–19. doi: 10.1007/s00254-004-1121-1

WoS: IF₂₀₀₃: 0,605; Q3 (96/131) in Environmental Sciences; Q3 (89/128) in Geosciences, Multidisciplinary; Q3 (30/55) in Water Resources; počet citací: 42

Losos, Z., Beran, A. (2004): OH defects in cassiterite. *Mineralogy and Petrology*, 81, 3-4, 219–234. doi: 10.1007/s00710-004-0040-x

WoS: IF₂₀₀₃: 1,086; Q2 (11/24) in Mineralogy; Q2 (24/52) in Geochemistry & Geophysics; počet citací: 21

Nehyba, S., Hladilová, Š. (2004): Relics of the most distal part of the Neogene foreland basin in SW Moravia. *Bulletin of Geosciences*, 79, 2, 113–120. doi: neuvédeno

WoS: IF₂₀₀₃: neuvédeno; počet citací: 8

Novák, M., Černý, P., **Cempírek, J.**, Šrein, V., **Filip, J.** (2004): Ferrotapiolite as pseudomorph of stibiotantalite from the Laštovičky lepidolite pegmatite, Czech Republic; an example of hydrothermal alteration at constant Ta/(Ta+Nb). *Canadian Mineralogist*, 42, 4, 1117–1128. doi: 10.2113/gscanmin.42.4.1117

WoS: IF₂₀₀₃: 1,046; **Q2** (12/24) in Mineralogy; počet citací: 18

Novák, M., Povondra, P., Selway, J.B. (2004): Schorl oxy-schorl to dravite- oxy-dravite tourmaline from granitic pegmatites; examples from the Moldanubicum, Czech Republic. *European Journal of Mineralogy*, 16, 2, 323–333. doi: 10.1127/0935-1221/2004/0016-0323

WoS: IF₂₀₀₃: 1,185; **Q2** (8/24) in Mineralogy; počet citací: 72

Sejkora, J., Čejka, J., Hloušek, J., **Novák, M.**, Šrein, V. (2004): Phosphowalpurkite, the (PO₄)-dominant analogue of walpurkite, from Smrkovec, Slavkovský Les Mountains, Czech Republic. *Canadian Mineralogist*, 42, 4, 963–972. doi: 10.2113/gscanmin.42.4.963

WoS: IF₂₀₀₃: 1,046; **Q2** (12/24) in Mineralogy; počet citací: 11

Šikula, J., **Nehyba, S.** (2004): Lithofacies analysis of Miocene sediments in the southern part of Carpathian Foredeep, based on the re-interpretation of drill logging data. *Bulletin of Geosciences*, 79, 3, 167–176. doi: neuvvedeno

WoS: IF₂₀₀₃: neuvvedeno; počet citací: 6

Sracek, O., Bhattacharya, P., Jacks, G., Gustafsson, J.P., von Brömssen, M. (2004): Behavior of arsenic and geochemical modeling of arsenic enrichment in aqueous environment. *Applied Geochemistry*, 19, 2, 169–180. doi: 10.1016/j.apgeochem.2003.09.005

WoS: IF₂₀₀₃: 1,804; **Q2** (15/52) in Geochemistry & Geophysics; počet citací: 164

Sracek, O., Choquette, M., Gelinas, P., Lefebvre, R., Nicholson, R.V. (2004): Geochemical characterization of acid mine drainage from a waste rock pile, Mine Doyon, Québec, Canada. *Journal of Contaminant Hydrology*, 69, 1-2, 45–71. doi: 10.1016/S0169-7722(03)00150-5

WoS: IF₂₀₀₃: 1,438; **Q1** (5/55) in Water Resources; **Q2** (40/131) in Environmental Sciences; **Q1** (32/128) in Geosciences, Multidisciplinary; počet citací: 117

2003 (celkem 17 článků, 4 studenti spoluautoři – červeně)

Černý, P., Chapman, R., Teertstra, D.K., **Novák, M.** (2003): Rubidium- and cesium-dominant micas in granitic pegmatites. *American Mineralogist*, 88, 11-12, 1832–1835. doi: 10.2138/am-2003-11-1226

WoS: IF₂₀₀₂: 1,811; **Q1** (3/24) in Mineralogy; **Q1** (10/51) in Geochemistry & Geophysics; počet citací: 37

Faimon, J., Štelcl, J., Kubešová, S., Zimák, J. (2003): Environmentally acceptable effect of hydrogen peroxide on cave "lamp-flora", calcite speleothems and limestones. *Environmental Pollution*, 122, 3, 417–422. doi: 10.1016/S0269-7491(02)00309-3

WoS: IF₂₀₀₂: 1,942; **Q1** (14/132) in Environmental Sciences; počet citací: 46

Faimon, J. (2003): Formation of Colloidal Silica and Alumina During Experimental Granodiorite Weathering. *Aquatic Geochemistry*, 9, 4, 305–341. doi: neuvvedeno

WoS: IF₂₀₀₂: 1,243; **Q2** (20/51) in Geochemistry & Geophysics; počet citací: 6

Harzhauser, M., Kovar-Eder, J., **Nehyba, S.**, Strobitzer-Hermann, M., Schwarz, J., Wojcicki, J., Zorn, I. (2003): An Early Pannonian (Late Miocene) transgression in the Northern Vienna Basin - The paleoecological feedback. *Geologica Carpathica*, 54, 1, 41–52. doi: neuvvedeno

WoS: IF₂₀₀₂: 0,147; **Q4** (116/122) in Geosciences, Multidisciplinary; počet citací: 13

Hladil, J., Bosák, P., Slavík, L., Carew, J.L., Mylroie, J.E., **Geršl, M.** (2003): A pragmatic test of the early origin and fixation of gamma-ray spectrometric (U, Th) and magneto-susceptibility (Fe) patterns related to sedimentary cycle boundaries in pure platform limestones. *Carbonates and Evaporites*, 18, 2, 89–107. doi: 10.1007/BF03176231

WoS: IF₂₀₀₂: 0,125; **Q4** (33/34) in Geology; počet citací: 6

Hladil, J., Bosák, P., Slavík, L., Carew, J.L., Mylroie, J.E., **Geršl, M.** (2003): Early diagenetic origin and persistence of gamma-ray and magnetosusceptibility patterns in platform carbonates: comparison of Devonian and Quaternary section. *Physics and Chemistry of the Earth*, 28, 16-19, 719–727. doi: 10.1016/S1474-7065(03)00130-X

WoS: IF₂₀₀₂: neuvvedeno; počet citací: 17

- Hladil, J., Patočka, F., Kachlík, V., **Melichar, R.**, Hubačík, M. (2003): Metamorphosed carbonates of Krkonoše Mountains and Paleozoic evolution of Sudetic terranes (NE Bohemia, Czech Republic). *Geologica Carpathica*, 54, 5, 281–297. doi: neuvědno
WoS: IF₂₀₀₂: 0,147; Q4 (116/122) in Geosciences, Multidisciplinary; počet citací: 20
- Houzar, S., **Leichmann, J.** (2003): Application of Cathodoluminescence to the study of metamorphic textures in marbles from the eastern part of the Bohemian Massif. *Bulletin of Geosciences*, 78, 3, 241–250. doi: neuvědno
WoS: IF₂₀₀₂: neuvědno; počet citací: 10
- Jiang, S.-Y., Yang, J.H., **Novák, M.**, Selway, J.B. (2003): Chemical and boron isotopic compositions of tourmaline from the Lavičky leucogranite, Czech Republic. *Geochemical Journal*, 37, 5, 545–556. doi: 10.2343/geochemj.37.545
WoS: IF₂₀₀₂: 0,696; Q3 (34/51) in Geochemistry & Geophysics; počet citací: 32
- Kalvoda, J., Leichmann, J.,** Bábek, O., **Melichar, R.** (2003): Brunovistulian Terrane (Central Europe) and Istanbul Zone (NW Turkey): Late Proterozoic and Paleozoic tectonostratigraphic development and paleogeography. *Geologica Carpathica*, 54, 3, 139–152. doi: neuvědno
WoS: IF₂₀₀₂: 0,147; Q4 (116/122) in Geosciences, Multidisciplinary; počet citací: 58
- Kalvoda, J.** (2003): Carboniferous foraminiferal paleobiogeography in Turkey and its implications for plate tectonic reconstructions. *Rivista Italiana di Paleontologia e Stratigrafia*, 109, 2, 255–265. doi: 10.13130/2039-4942/5506
WoS: IF₂₀₀₂: 0,531; Q3 (18/30) in Paleontology; Q3 (24/34) in Geology; počet citací: 16
- Koubová, M., Zeman, J.,** Müller, P. (2003): Mineralogy, petrography and geochemistry of sediments used in pollutant sorption experiments. *Bulletin of Geosciences*, 78, 3, 163–168. doi: neuvědno
WoS: IF₂₀₀₂: neuvědno; počet citací: 2
- Leichmann, J.,** Broska, I., **Zachovalová, K.** (2003): Low-grade metamorphic alteration of feldspar minerals: a CL study. *Terra Nova*, 15, 2, 104–108. doi: 10.1046/j.1365-3121.2003.00467.x
WoS: IF₂₀₀₂: 0,874; Q2 (56/122) in Geosciences, Multidisciplinary; počet citací: 32
- Müllerová, H., Kruml, O., Vybíhal, K., **Zeman, J.,** Müller, P. (2003): Adsorption of copper and cadmium from aqueous solution by various types of sediments under static and dynamic conditions. *Bulletin of Geosciences*, 78, 3, 169–178. doi: neuvědno
WoS: IF₂₀₀₂: neuvědno; počet citací: 5
- Nerudová, Z., Hložek, M., **Gregerová, M.,** Havlica, J. (2003): Analysis of a burnt clay fragment from the palaeolithic site Brno-Bohunice I. *Anthropologie*, 41, 3, 295–298. doi: neuvědno
WoS: IF₂₀₀₂: 0,167; Q4 (45/53) in Anthropology; počet citací: 1
- Novák, M.,** Černý, P., Uher, P. (2003): Extreme variation and apparent reversal of Nb-Ta fractionation in columbite-group minerals from the Scheibengraben beryl-columbite pegmatite, Maršíkov, Czech Republic. *European Journal of Mineralogy*, 15, 3, 565–574. doi: 10.1127/0935-1221/2003/0015-0565
WoS: IF₂₀₀₂: 1,335; Q2 (7/24) in Mineralogy; počet citací: 57
- Vavrdová, M., Mikuláš, R., **Nehyba, S.** (2003): Lower Cambrian siliciclastic sediments in Southern Moravia (Czech Republic) and their paleogeographical constraints. *Geologica Carpathica*, 52, 2, 67–79. doi: neuvědno
WoS: IF₂₀₀₂: 0,147; Q4 (116/122) in Geosciences, Multidisciplinary; počet citací: 23