

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

2024 (celkem 53 článků, 16 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: 1

Baroň, I., Jelének, J., Klimeš, J., Dong, J.-J., **Melichar, R.**, **Šut'jak, 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: 1

Baroň, I., Jelének, J., Klimeš, J., Dong, J.-J., **Melichar, R.**, **Šut'jak, M.**, Chen, Y., Yang, C.-M., Zhang, E.-L., Méndez, J., Tseng, C.-H., Hartvich, F., Blahůt, J., Nguyễn, T.-T., **Kociánová, L.**, **Bárta, F.**, **Dušek, V.**, Kycl, P. (2024): Corrigendum to “Source area morphometry and high depletion rate of landslides may indicate their coseismic origin” [Engineering Geology 330 (2024) 107424]. Engineering Geology, 331, 107457. doi: 10.1016/j.enggeo.2024.107457

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

Barták, P., **Ivanov, M.**, Tihlaříková, E., Olbert, M., Neděla, V. (2024): New, large actinopterygian fishes from the upper Carbniferous of Nýřany, Czech Republic. Acta Palaeontologica Polonica, 69, 3, 501–522. doi: 10.4202/app.01162.2024

WoS: IF₂₀₂₃: 1,8; **Q2** (17/57) in Paleontology; 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

Beneš, Z., **Slaviček, K.**, **Všianský, D.** (2024): Ceramic technology evolution at the beginning of the Roman Period: Case study of the Mlékojedy settlement site (Central Bohemia). Archeologické Rozhledy, 76, 1, 38–72. doi: 10.35686/AR.2024.3

WoS: IF₂₀₂₃: 0,2; **Q3** (109/163) in Archaeology; počet citací: 0

Biagioni, C., Kasatkin, A.V., Nestola, F., **Škoda, R.**, Gurzhiy, V.V., Agakhanov, A.A., Koshlyakova, N.N. (2024): Zvěstovite-(Fe), Ag₆(Ag₄Fe₂)As₄S₁₃, a new member of the tetrahedrite group from the Ulatayskoe Ag–Cu–Co occurrence, eastern Siberia, Russia. European Journal of Mineralogy, 36, 529–540. doi: 10.5194/ejm-36-529-2024

WoS: IF₂₀₂₃: 1,8; **Q2** (14/30) in Mineralogy; počet citací: 0

Bitner, M.A., **Hladilová, Š.**, **Šamánek, J.**, **Turek, T.** (2024): Middle Miocene (Badenian) brachiopods from the Borač area (Carpathian Foredeep, Moravia, Czech Republic). Annales Societatis Geologorum Poloniae, 94, 175–186. doi: 10.14241/asgp.2024.06

WoS: IF₂₀₂₃: 1,2; **Q2** (26/60) in Geology; 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: 1

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

Cígler, V., Kumpan, T., Frýda, J., Kalvoda, J., Damborský, Š. (2024): Refinement of the lower Tournaisian (Mississippian) conodont, foraminiferal and carbon isotope stratigraphy of the Moravosilesian Basin (Czech Republic) and Implications for global correlation. *Newsletters on Stratigraphy*. In Press. doi: 10.1127/nos/2024/0830

WoS: IF₂₀₂₃: 2,1; Q1 (7/61) in Geology; 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: 1

Fialová, E., Otáhal, P.P.S. (2024): Determination of the Radon Progeny Activity Size Distribution in Laboratory Conditions. *Atmosphere*, 15, 11, 1262. doi: 10.3390/atmos15111262

WoS: IF₂₀₂₃: 2,5; Q3 (209/358) Environmental Sciences; Q3 (64/110) in Meteorology & Atmospheric Sciences; počet citací: 0

Georgalis, G.L., Villa, A., **Ivanov, M.**, Delfino, M. (2024): New diverse amphibian and reptile assemblages from the late Neogene of northern Greece provide novel insights into the emergence of extant herpetofaunas of the southern Balkans. *Swiss Journal of Palaeontology*, 143, 34. doi: 10.1186/s13358-024-00332-7

WoS: IF₂₀₂₃: 3,0; Q1 (3/57) in Paleontology; počet citací: 1

Georgieva, S., Vassileva, R.D., Grozdev, V., Milenkov, G., **Cempírek, J., Škoda, R.,** Stefanova, E., (2024): Incompatible Elements (REE, Th, U, Nb, Ta, Ti) Mineral Association in Altered Pegmatite from the Djurkovo Pb-Zn Deposit, Central Rhodopes: Occurrence and Geochemical Properties. *Comptes Rendus de l'Academie Bulgare des Sciences*, 77, 10, 1474–1484. doi: 10.7546/CRABS.2024.10.07

WoS: IF₂₀₂₃: 0,3; Q4 (114/134) in Multidisciplinary Sciences; počet citací: 0

Georgieva, S., Vassileva, R.D., Grozdev, V., Milenkov, G., **Cempírek, J., Škoda, R.** (2024): Mineral composition and trace element characteristics of pegmatites from Smilvene, Sredna Gora Mountain, Bulgaria. *Review of the Bulgarian Geological Society*, 85, 2, 96–99. doi: 10.52215/rev.bgs.2024.85.2.96

WoS: IF₂₀₂₃: 0,2; Q4 (248/254) in Geosciences, Multidisciplinary; počet citací: 0

Gregerová, M., Štulířová, J., Frýbort, A., Grošek, J. (2024): Impact of light mica on the intensity of the alkali-silica reactions in cement concrete pavements containing cataclased granite aggregates. *Case Studies in Construction Materials*, 21, e03521. doi: 10.1016/j.cscm.2024.e03521

WoS: IF₂₀₂₃: 6,5; Q1 (11/91) in Construction & Building Technology; Q1 (12/181) in Engineering, Civil; Q1 (95/438) in Materials Science, Multidisciplinary; počet citací: 1

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: 2

Hlavica, M., **Slaviček, K.**, Valášková, L., **Petrík, J.**, **Všianský D.** (2024): Pottery as a witness of commercialization: The case of 9th-century 'Great Moravia'. *Prähistorische Zeitschrift*, 99, 3, 994–1017. doi: 10.1515/pz-2023-2012

WoS: IF₂₀₂₃: 0,6; Q3 (91/139) in Anthropology; počet citací: 0

Holcová, K., Scheiner, F., Ackerman, L., Milovský, R., Hudáčková, N., **Hladilová, Š.**, **Nehyba, S.**, Peryt, D. (2024): Reliability of the Strontium Isotope Stratigraphy approach in marginal seas: Insights from the Miocene Paratethys. *Palaeogeography Palaeoclimatology Palaeoecology*, 656, 112566. doi: 10.1016/j.palaeo.2024.112566

WoS: IF₂₀₂₃: 2,6; Q2 (28/65) in Geography, Physical; Q2 (97/254) in Geosciences, Multidisciplinary; Q1 (4/57) in Paleontology, Physical počet citací: 0

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 D6c, 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.**, Rűde, 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*, 88, 3, 302–311. 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: 1

Korim, F., Revajová, V., Kol'vek, F., Bujňák, L., Hreus, S., **Všianský, D.** (2024): Histological and chemical view on parotid duct sialolithiasis in the Slovakian warmblood mare. *Veterinary Research Communications* č8, 3245–3252. doi: 10.1007/s11259-024-10485-y

WoS: IF₂₀₂₃: 1,8; Q2 (53/167) in Veterinary Sciences; 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: 1

Kubeš, M., **Čopjaková, R.**, **Kotková, J.**, Ackerman, L., **Haifler, J.**, **Výravský, J.**, Holá, M., **Škoda, R.**, **Leichmann, J.** (2024): Unravelling Different Mechanisms of Metasomatism and Geodynamic Evolution of Pyroxenite-Veined Subcontinental Lithospheric Mantle beneath the Central European Variscides. *Journal of Petrology*, 65, egae108. doi: 10.1093/petrology/egae108

WoS: IF₂₀₂₃: 3,3; Q1 (21/101) in Geochemistry & Geophysics; počet citací: 0

Kubeš, M., **Leichmann, J.**, **Wertich, W.**, **Čopjaková, R.**, Holá, M., **Škoda, R.**, Křibek, 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*, 59, 7, 1325–1362. doi: 10.1007/s00126-024-01263-6
WoS: IF₂₀₂₃: 4,4; **Q1** (10/101) in Geochemistry & Geophysics; **Q1** (4/30) in Mineralogy; počet citací: 2

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: 1

Navrátil, A., **Slaviček, K., Petřík, J.,** Biško, R. (2024): Life on Pálava Hills in the urnfield period through the perspective of a metal-detecting survey. *Praehistorische Zeitschrift*. In Press. doi: 10.1515/pz-2024-2001
WoS: IF₂₀₂₃: 0,6; **Q3** (91/139) in Anthropology; počet citací: 0

Neruda, P., Hamrozi, P., Patáková, Z., Pyka, G., Zelenka, F., **Hladilová, Š.,** Oliva, M., Orságová, E. (2024): Micro-computed tomography of the fired clay venus of Dolní Věstonice (Czech Republic). *Journal of Archaeological Science*, 169, 106034. doi: 10.1016/j.jas.2024.106034
WoS: IF₂₀₂₃: 2,6; **Q1** (11/139) in Anthropology; **Q2** (97/254) in Geosciences, Multidisciplinary; počet citací: 0

Nestola, F., Kasatkin, A.V., Biagioni, C., Gurchiy, V.V., **Škoda, R.,** Santello, L., Agakhanov, A.A. (2024): Manuelarossiite, CaPbAlF₇, a new fluoride from the Vesuvius volcano, Italy. *Mineralogical Magazine*. In Press. doi: 10.1180/mgm.2024.59
WoS: IF₂₀₂₃: 2,8; **Q2** (8/30) in Mineralogy; počet citací: 0

Němeček, J., **Zeman, J.,** Brůček, P., Hrabák, P., Černík, M. (2024): Hydrogeochemical analysis of processes affecting HCH removal using ZVI-based treatment technology. *Applied Geochemistry*, 175, 106164. doi: 10.1016/j.apgeochem.2024.106164
WoS: IF₂₀₂₃: 3,1; **Q1** (24/101) in Geochemistry & Geophysics; počet citací: 0

Papežíková, S., **Ivanov, M.,** Papežík, P., Javorčík, A., Mebert, K., Jablonski, D. (2024): Comparing morphology and cranial osteology in two divergent clades of dice snakes from continental Europe (Squamata: Natricidae: *Natrix tessellata*). *Vertebrate Zoology*, 74, 511–531. doi: 10.3897/vz.74.e123824
WoS: IF₂₀₂₃: 2,4; **Q1** (16/181) in Zoology; počet citací: 0

Pekov, I.V., Zubkova, N.V., Kastkin, A.V., Chukanov, N.V., Koshlyakova, N.N., Ksenofontov, D.A., **Škoda, R.,** Britvin, S.N., Kirillov, A.S., Zaitsev, A.N., Kuznetsov, A.M., Pushcharovsky, D.Y. (2024): Hydroxylbastnäsite-(La), and “old new” bastnäsite-group mineral. *Mineralogical Magazine*. In Press. doi: 10.1180/mgm.2024.65
WoS: IF₂₀₂₃: 2,8; **Q2** (8/30) in Mineralogy; počet citací: 0

Petrík, J., Adameková, K., Prištáková, 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

Petrík, 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

Petrík, J., Slaviček, K., Adameková, K., Jaques, A.J., Košťál, M., Tóth, P., Petr, L., **Všianský, D.,** Zikmund, T., Kaiser, J., Batora, J., Bickle, P. (2024): Technology and provenience of the oldest pottery in the northern Pannonian Basin indicates its affiliation to hunger-gatherers. *Scientific Reports*, 14, 19226. doi: 10.1038/s41598-024-69208-7
WoS: IF₂₀₂₃: 3,8; **Q1** (25/134) in Multidisciplinary Sciences; počet citací: 1

Petrík, J., Slaviček, K., Adameková, K., Jaques, A.J., Košťál, M., Tóth, P., Petr, L., **Všianský, D.,** Zikmund, T., Kaiser, J., Batora, J., Bickle, P. (2024): Author Correction: Technology and provenience of the oldest pottery in the northern Pannonian Basin indicates its affiliation to hunter-gatherers. *Scientific Reports*, 14, 25242. doi: 10.1038/s41598-024-75402-4

WoS: IF₂₀₂₃: 3,8; **Q1** (25/134) in Multidisciplinary Sciences; 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, CaCo(CO₃)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

Šyc, M., **Výravský, J.**, Sierra, H.M., Korotenko, E., Kameníková, P. (2024): Resource recovery potential of incineration bottom ash fine fraction. *Waste Management*, 190, 569–577. doi: 10.1016/j.wasman.2024.10.020

WoS: IF₂₀₂₃: 7,1; **Q1** (14/81) in Engineering, Environmental; **Q1** (41/358) in Environmental Sciences; 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

Tvrđý, J., Vrtiška, L., Filip, J., Dolníček, Z., **Škoda, R.**, Petr, M., **Malíková, R.** (2024): Manganrockbridgeite from the João claim, Conselheiro Pena, Minas Gerais, Brazil: chemistry, spectroscopic and structural data. *Journal of Geosciences*, 69, 87–98. doi: 10.3190/jgeosci.387

WoS: IF₂₀₂₃: 1,1; **Q3** (66/101) in Geochemistry & Geophysics; **Q3** (19/30) in Mineralogy; počet citací: 0

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WoS: IF₂₀₂₃: 0,2; **Q4** (248/254) in Geosciences, Multidisciplinary; počet citací: 0

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WoS: IF₂₀₂₃: 0,2; **Q3** (109/163) in Archaeology; počet citací: 0

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- 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
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WoS: IF₂₀₂₂: 3,5; **Q1** (3/48) in Geology; počet citací: 4
- 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
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WoS: IF₂₀₂₂: 4,6; **Q2** (22/73) in Multidisciplinary Sciences; počet citací: 2
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WoS: IF₂₀₂₂: 1,5; Q1 (17/158) in Archaeology; počet citací: 0

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

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

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

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WoS: IF₂₀₂₂: 3,9; Q1 (19/87) in Geochemistry & Geophysics; počet citací: 1

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WoS: IF₂₀₂₂: 5,5; Q2 (55/161) in Chemistry, Physical; Q2 (71/274) in Environmental Sciences; počet citací: 9

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

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

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WoS: IF₂₀₂₂: 2,7; **Q2** (10/29) in Mineralogy; počet citací: 6

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WoS: IF₂₀₂₂: 1,4; **Q3** (59/86) in Geochemistry & Geophysics; **Q3** (19/29) in Mineralogy; počet citací: 2

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

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

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WoS: IF₂₀₂₂: 3,3; **Q1** (9/41) in Spectroscopy; počet citací: 6

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WoS: IF₂₀₂₂: 1,0; počet citací: 1

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WoS: IF₂₀₂₂: 3,9; **Q2** (13/49) in Geography, Physical; **Q2** (53/201) in Geosciences, Multidisciplinary; počet citací: 4

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

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

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

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

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

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

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

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

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WoS: IF₂₀₂₂: 3,1; Q2 (35/87) in Geochemistry & Geophysics; Q2 (9/29) in Mineralogy; počet citací: 5

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

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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

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

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

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

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WoS: IF₂₀₂₂: 2,5; Q2 (16/41) in Spectroscopy; počet citací: 4

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

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

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WoS: IF₂₀₂₂: 1,8; **Q3** (49/86) in Geochemistry & Geophysics; **Q3** (16/29) in Mineralogy; počet citací: 2

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

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

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

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

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

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

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WoS: IF₂₀₂₂: 8,3; **Q1** (3/86) in Geochemistry & Geophysics; počet citací: 2

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

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

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WoS: IF₂₀₂₂: 1,9; **Q2** (15/54) in Paleontology; počet citací: 4

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

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

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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

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WoS: IF₂₀₂₁: 3,329; **Q1** (6/49) in Geology; počet citací: 5

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WoS: IF₂₀₂₁: 3,9; **Q2** (13/49) in Geography, Physical; **Q2** (53/202) in Geosciences, Multidisciplinary; počet citací: 9

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WoS: IF₂₀₂₁: 7,4; **Q1** (1/41) in Engineering, Geological; **Q1** (12/202) in Geosciences, Multidisciplinary; počet citací: 1

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WoS: IF₂₀₂₁: 2,131; **Q2** (14/30) in Mineralogy; počet citací: 13

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WoS: IF₂₀₂₁: 11,958; **Q1** (1/68) in Construction & Building Technology; **Q1** (36/345) in Materials Science, Multidisciplinary; počet citací: 12

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WoS: IF₂₀₂₁: 1,942; **Q2** (24/54) in Paleontology; počet citací: 3

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WoS: IF₂₀₂₁: 2,131; **Q2** (14/30) in Mineralogy; počet citací: 4

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

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WoS: IF₂₀₂₁: 2,131; **Q2** (14/30) in Mineralogy; počet citací: 3

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WoS: IF₂₀₂₁: 1,929; **Q2** (21/49) in Geology; **Q2** (27/54) in Paleontology; počet citací: 3

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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

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WoS: IF₂₀₂₁: 5,123; **Q2** (44/158) in Biotechnology & Applied Microbiology; počet citací: 9

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WoS: IF₂₀₂₁: 0,2; **Q4** (137/161) in Archaeology; počet citací: 3

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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/spp2.1428

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., Vizcaino-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: 7

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WoS: IF₂₀₂₁: 1,9; **Q2** (47/177) in Zoology; počet citací: 0

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WoS: IF₂₀₂₁: 4,6; **Q2** (22/73) in Multidisciplinary Sciences; počet citací: 1

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WoS: IF₂₀₂₁: 0,3; **Q3** (94/161) in Archaeology; počet citací: 2

Faimon, J., Baldík, V., **Buriánek, D., Rez, J., Štelcl, J., Všianský, 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

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WoS: IF₂₀₂₁: 3,841; **Q2** (30/87) in Geochemistry & Geophysics; počet citací: 2

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

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

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WoS: IF₂₀₂₁: 1,736; **Q3** (36/65) in Biodiversity Conservation; **Q3** (29/53) in Paleontology; počet citací: 14

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WoS: IF₂₀₂₁: 0,817; **Q4** (27/30) in Mineralogy; počet citací: 3

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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, $\text{Cu}^{2+}\text{Mg}_3\text{Fe}_{3.33}^{3+}(\text{VO}_4)_6$, 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

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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

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

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

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

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WoS: IF₂₀₂₁: 1,778; Q3 (57/87) in Geochemistry & Geophysics; Q3 (18/30) in Mineralogy; počet citací: 3

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., Migliorini, M., Čaplovičová, M., **Škoda, R.**, Bačík, P. (2022): Structural Breakdown of natural Epidote and Clinozoisite 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): Bioleaching 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: 18

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

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WoS: IF₂₀₂₁: 4,020; Q2 (28/87) in Geochemistry & Geophysics; Q2 (8/30) in Mineralogy; počet citací: 3

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WoS: IF₂₀₂₁: 4,020; Q2 (28/87) in Geochemistry & Geophysics; Q2 (8/30) in Mineralogy; počet citací: 6

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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: 2

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WoS: IF₂₀₂₁: 1,576; Q2 (23/49) in Geology; 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: 2

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 Geology; počet citací: 2

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., Goláňová, 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., Škrdl, 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: 3

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: 1

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

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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.**, Záchej, 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: 4

Steciuk, G., Kolitsch, U., Goliáš, V., **Škoda, R.**, Plášil, J., Schmidt, F.X. (2022): Uranotungstite, 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

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

Sczygiel, 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: 6

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: 4

Trampota, F., Parma, D., Lisá, L., Hrnčíř, V., **Přichystal, A.**, Nývtová 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. *Prähistorische Zeitschrift*, 97, 2, 459–494. doi: 10.1515/pz-2022-2046

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

Tvrď, J., Plášil, J., **Vrtiška, L.**, Sejkora, J., **Škoda, R.**, Dolníček, Z., Petr, M., Veselovský, F. (2022): Ferroberruinit, $\text{Fe}^{2+}\text{Fe}^{3+}_5(\text{PO}_4)_4(\text{OH})_5 \cdot 6\text{H}_2\text{O}$, a mixed-valence iron member of the berruinit 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: 2

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: neuvedeno; 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: 7

von Koenigswald, W., **Březina, J.**, Werneburg, R., Göhlich, U.B. (2022): A partial skeleton of „*Mammuth 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: 5

Vrtiška, L., **Tvrď, J.**, Plášil, J., Sejkora, J., **Škoda, R.**, Chukanov, N.V., Massanek, A., Filip, J., Dolníček, Z., Veselovský, F. (2022): Redefinition of berruinit, $\text{Fe}^{3+}_6(\text{PO}_4)_4\text{O}(\text{OH})_4 \cdot 6\text{H}_2\text{O}$, 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: 8

Žáček, V., Škoda, R., Lufek, F., Sejkora, J., **Haifler, J.** (2022): Pertoldite, trigonal GeO₂, 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., **Petrík, 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: 5

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: 5

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: 12

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: 12

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WoS: IF₂₀₂₀: 1,333; **Q3** (29/48) in Geology; počet citací: 4

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WoS: IF₂₀₂₀: 1,600; **Q2** (27/57) in Paleontology; **Q4** (157/199) in Geosciences, Multidisciplinary; počet citací: 6

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

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WoS: IF₂₀₂₀: 1,165; **Q4** (25/30) in Mineralogy; počet citací: 6

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WoS: IF₂₀₂₀: 3,752; **Q1** (8/43) in Spectroscopy; počet citací: 15

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WoS: IF₂₀₂₀: 2,062; **Q2** (13/30) in Mineralogy; počet citací: 6

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

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

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

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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: 3

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

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

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WoS: IF₂₀₂₀: 4,004; **Q1** (7/30) in Mineralogy; **Q1** (19/88) in Geochemistry & Geophysics; počet citací: 10

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WoS: IF₂₀₂₀: 6,789; **Q1** (34/274) in Environmental Sciences; počet citací: 36

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

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

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

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

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

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WoS: IF₂₀₂₀: 2,644; **Q2** (11/30) in Mineralogy; **Q2** (42/88) in Geochemistry & Geophysics; **Q2** (9/21) in Mining & Mineral Processing; počet citací: 7

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WoS: IF₂₀₂₀: 1,600; **Q2** (27/57) in Paleontology; **Q4** (157/199) in Geosciences, Multidisciplinary; počet citací: 3

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

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

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WoS: IF₂₀₁₉: 1,573; **Q3** (36/59) in Biodiversity Conservation; **Q2** (27/55) in Paleontology; počet citací: 19

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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
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WoS: IF₂₀₁₉: 1,738; **Q2** (13/30) in Mineralogy; počet citací: 7

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WoS: IF₂₀₁₉: 1,738; Q2 (13/30) in Mineralogy; počet citací: 6

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. Percleveite-(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

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

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

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WoS: IF₂₀₁₉: 3,451; Q1 (20/85) in Geochemistry & Geophysics; počet citací: 22

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

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WoS: IF₂₀₁₉: 0,767; Q4 (26/30) in Mineralogy; počet citací: 5

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

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

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WoS: IF₂₀₁₉: 4,046; **Q1** (2/47) in Geology; počet citací: 2

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WoS: IF₂₀₁₈: 1,699; Q3 (121/196) in Geosciences, Multidisciplinary; počet citací: 1

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

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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., Kalicki, 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

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

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

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

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WoS: IF₂₀₁₈: 1,476; **Q3** (210/293) in Materials Science, Multidisciplinary; **Q3** (18/29) in Mineralogy; počet citací: 12

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WoS: IF₂₀₁₈: 2,663; **Q1** (2/57) in Paleontology; počet citací: 9

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

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WoS: IF₂₀₁₈: 2,250; **Q2** (29/84) in Geochemistry & Geophysics; počet citací: 11

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

Tocháček, J., Láška, 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

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WoS: IF₂₀₁₈: 1,489; **Q2** (22/57) in Paleontology; počet citací: 11

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WoS: IF₂₀₁₈: 2,909; **Q1** (10/170) in Zoology; počet citací: 13

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WoS: IF₂₀₁₈: 1,959; **Q3** (142/250) in Environmental Sciences; počet citací: 6

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

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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

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WoS: IF₂₀₁₇: 1,532; **Q3** (122/190) in Geosciences, Multidisciplinary; počet citací: 14

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WoS: IF₂₀₁₇: 1,532; **Q3** (122/190) in Geosciences, Multidisciplinary; počet citací: 7

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WoS: IF₂₀₁₇: 3,992; **Q2** (13/149) in Evolutionary Biology; počet citací: 9

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: 22

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WoS: IF₂₀₁₇: 3,982; **Q1** (8/49) in Geography, Physical; **Q1** (20/190) in Geosciences, Multidisciplinary; počet citací: 28

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WoS: IF₂₀₁₇: 3,811; **Q1** (1/36) in Engineering, Geological; **Q1** (25/190) in Geosciences, Multidisciplinary; počet citací: 8

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WoS: IF₂₀₁₇: 4,019; **Q2** (32/123) in Microbiology; počet citací: 15

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WoS: IF₂₀₁₇: 0,346; **Q4** (156/167) in Zoology; počet citací: 9

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WoS: IF₂₀₁₇: 1,415; **Q3** (18/29) in Mineralogy; **Q3** (53/85) in Geochemistry & Geophysics; počet citací: 9

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: 11

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: 4

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WoS: IF₂₀₁₇: 3,626; **Q1** (6/29) in Mineralogy; **Q1** (17/85) in Geochemistry & Geophysics; počet citací: 11

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WoS: IF₂₀₁₇: 0,632; **Q4** (178/190) in Geosciences, Multidisciplinary; počet citací: 11

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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: 13

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: 15

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: 1

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: 22

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WoS: IF₂₀₁₇: 1,664; **Q3** (46/85) in Geochemistry & Geophysics; **Q3** (17/29) in Mineralogy; počet citací: 11

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: 28

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: 9

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-ray 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: 9

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: 17

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 Tl- 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

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WoS: IF₂₀₁₇: 1,128; **Q3** (26/47) in Geology; počet citací: 8

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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

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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., Nývtlová 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: 9

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WoS: IF₂₀₁₇: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 5

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WoS: IF₂₀₁₇: 1,744; Q3 (15/29) in Mineralogy; počet citací: 12

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WoS: IF₂₀₁₇: 2,414; Q2 (69/190) in Geosciences, Multidisciplinary; počet citací: 3

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WoS: IF₂₀₁₇: 5,414; Q2 (69/190) in Geosciences, Multidisciplinary; počet citací: 14

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WoS: IF₂₀₁₇: 1,263; Q3 (18/26) in Crystallography; počet citací: 5

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WoS: IF₂₀₁₇: 6,467; Q1 (27/171) in Chemistry, Multidisciplinary; Q1 (4/26) in Crystallography; počet citací: 7

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WoS: IF₂₀₁₇: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 3

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WoS: IF₂₀₁₇: 1,616; Q3 (35/49) in Geography, Physical; Q2 (17/47) in Geology; počet citací: 1

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WoS: IF₂₀₁₇: 2,638; Q2 (21/49) in Geography, Physical; Q2 (59/190) in Geosciences, Multidisciplinary; počet citací: 1

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WoS: IF₂₀₁₇: 0,517; Q4 (95/106) in Marine & Freshwater Biology; počet citací: 6

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WoS: IF₂₀₁₇: 1,744; Q3 (15/29) in Mineralogy; počet citací: 2

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WoS: IF₂₀₁₇: 1,415; **Q3** (18/29) in Mineralogy; **Q3** (53/85) in Geochemistry & Geophysics; počet citací: 6

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WoS: IF₂₀₁₇: 2,622; **Q2** (61/190) in Geosciences, Multidisciplinary; počet citací: 8

Svoboda, J., Pokorný, P., Horáček, I., Sázelová, 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: 18

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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: 19

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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: 21

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
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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: 22

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

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WoS: IF₂₀₁₇: 2,854; **Q1** (7/41) in Spectroscopy; počet citací: 10

Weiner, T., Weinerová, H., Kalvoda, J. (2018): Microproblematica, 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

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

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WoS: IF₂₀₁₇: 3,256; **Q1** (39/190) in Geosciences, Multidisciplinary; **Q1** (7/34) in Soil Science; **Q1** (10/90) in Water Resources; počet citací: 1

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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: 12

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

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WoS: IF₂₀₁₆: 1,236; **Q3** (16/29) in Mineralogy; **Q3** (53/84) in Geochemistry & Geophysics; počet citací: 34

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WoS: IF₂₀₁₆: neuvedeno; počet citací: 1

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

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

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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

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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., Horsák, 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: 15

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WoS: IF₂₀₁₆: 3,095; **Q1** (4/47) in Geology; **Q1** (6/29) in Mineralogy; **Q1** (1/20) in Mining & Mineral Processing; počet citací: 13

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

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WoS: IF₂₀₁₆: 1,287; **Q2** (59/163) in Zoology; počet citací: 4

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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: 18

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

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WoS: IF₂₀₁₆: 0,864; Q4 (32/36) in Physics, Atomic, Molecular & Chemical; Q3 (31/42) in Spectroscopy; počet citací: 1

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WoS: IF₂₀₁₆: 3,241; Q1 (7/42) in Spectroscopy; počet citací: 16

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WoS: IF₂₀₁₆: 2,373; Q1 (10/47) in Geology; počet citací: 22

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WoS: IF₂₀₁₆: 1,278; Q3 (57/88) in Water Resources; počet citací: 2

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WoS: IF₂₀₁₆: 0,817; Q4 (22/29) in Mineralogy; počet citací: 15

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WoS: IF₂₀₁₆: 1,657; Q2 (20/54) in Biodiversity Conservation; Q3 (88/153) in Ecology; počet citací: 14

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WoS: IF₂₀₁₆: 2,640; Q2 (30/85) in Meteorology & Atmospheric Sciences; počet citací: 22

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WoS: IF₂₀₁₆: 1,439; Q3 (117/188) in Geosciences, Multidisciplinary; počet citací: 4

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WoS: IF₂₀₁₆: 2,283; Q2 (71/188) in Geosciences, Multidisciplinary; počet citací: 14

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WoS: IF₂₀₁₆: 2,958; **Q2** (14/49) in Geography, Physical; **Q1** (41/188) in Geosciences, Multidisciplinary; počet citací: 10

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WoS: IF₂₀₁₆: 1,129; **Q2** (22/47) in Geology; počet citací: 5

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

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WoS: IF₂₀₁₆: 2,373; **Q1** (10/47) in Geology; počet citací: 8

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WoS: IF₂₀₁₆: 1,362; **Q2** (14/29) in Mineralogy; počet citací: 4

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WoS: IF₂₀₁₆: 1,236; **Q3** (16/29) in Mineralogy; **Q3** (53/84) in Geochemistry & Geophysics; počet citací: 18

Olds, T., Plášil, J., Kampf, A., **Škoda, R.,** Burns, P., Čejka, J., Bourgoin, V., Boulliard, J.-C. (2017): Gauthierite, $\text{KPb}[(\text{UO}_2)_7\text{O}_{15}(\text{OH})_7] \cdot 8\text{H}_2\text{O}$, 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: 15

Plášil, J., Škacha, P., Sejkora, J., **Škoda, R., Novák, M.,** Veselovský, F., Hloušek, J. (2017): Babanekite, $\text{Cu}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$, from Jáchymov, Czech Republic – a new member of the vivianite group. *Journal of Geosciences*, 62, 4, 261–270. doi: 10.3190/jgeosci.248
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Plášil, J., Čejka, J., Sejkora, J., Hloušek, J., **Škoda, R., Novák, M.,** Dušek, M., Císařová, I., Němec, I., Ederová, J. (2017): Línekite, $\text{K}_2\text{Ca}_3[(\text{UO}_2)(\text{CO}_3)_3]_2 \cdot 8\text{H}_2\text{O}$, 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

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WoS: IF₂₀₁₆: 2,578; **Q2** (18/49) in Geography, Physical; **Q2** (53/188) in Geosciences, Multidisciplinary; **Q1** (5/54) in Paleontology; počet citací: 10

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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: 36

Pracný, P., Faimon, J., Všianský, 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

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WoS: IF₂₀₁₆: 0,817; **Q4** (22/29) in Mineralogy; počet citací: 3

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WoS: IF₂₀₁₆: 4,900; **Q1** (22/229) in Environmental Sciences; počet citací: 21

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WoS: IF₂₀₁₆: 1,380; **Q3** (48/84) in Geochemistry & Geophysics; počet citací: 5

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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

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WoS: IF₂₀₁₆: 1,431; **Q2** (21/54) in Paleontology; počet citací: 2

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: neuvedeno
WoS: IF₂₀₁₆: 0,580; **Q4** (67/79) in Geography; počet citací: 5

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WoS: IF₂₀₁₆: 3,347; **Q1** (17/84) in Geochemistry & Geophysics; počet citací: 5

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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: 10

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WoS: IF₂₀₁₆: 3,179; Q2 (7/26) in Crystallography; počet citací: 18

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WoS: IF₂₀₁₅: 2,236; Q1 (8/47) in Geology; počet citací: 52

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WoS: IF₂₀₁₅: 0,561; Q4 (16/21) in Mining & Mineral Processing; Q4 (70/81) in Geochemistry & Geophysics; počet citací: 2

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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 $\text{Al}_{16}\text{S}_4\text{Si}_4\text{O}_{38}$, a new mineral related to boralsilite, $\text{Al}_{16}\text{B}_6\text{Si}_2\text{O}_{37}$, 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

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WoS: IF₂₀₁₅: 0,436; Q4 (44/47) in Geology; Q4 (53/54) in Paleontology; počet citací: 13

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WoS: IF₂₀₁₅: 2,365; Q1 (7/47) in Geology; počet citací: 10

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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: 13

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WoS: IF₂₀₁₅: neuvedeno; počet citací: 9

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

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

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

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WoS: IF₂₀₁₅: 1,585; Q3 (141/271) in Materials Science, Multidisciplinary; **Q2** (13/29) in Mineralogy; počet citací: 19

Gadas, P., **Novák, M.**, Szuszkiewicz, A., Szeleg, E., Vašinová Galiová, M., **Haifler, J.** (2016): Magnesium-rich Na,Be,Li-rich sekaninaite frommiarolitic 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: 10

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: 20

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

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

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WoS: IF₂₀₁₅: 2,893; **Q1** (17/75) in Chemistry, Analytical; počet citací: 14

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WoS: IF₂₀₁₅: 3,143; **Q1** (2/54) in Paleontology; **Q2** (19/46) in Evolutionary Biology; počet citací: 29

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: 57

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: 12

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WoS: IF₂₀₁₅: 3,294; **Q1** (28/184) in Geosciences, Multidisciplinary; **Q2** (26/88) in Energy & Fuels; počet citací: 5

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WoS: IF₂₀₁₅: 4,548; **Q1** (1/47) in Geology; počet citací: 37

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: 6

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
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WoS: IF₂₀₁₅: 0,618; **Q4** (168/184) in Geosciences, Multidisciplinary; počet citací: 7

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WoS: IF₂₀₁₅: 0,719; **Q4** (46/54) in Paleontology; počet citací: 20

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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

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

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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: 47

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

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

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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: 13

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WoS: IF₂₀₁₅: 2,813; **Q1** (12/49) in Geography, Physical; **Q1** (34/184) in Geosciences, Multidisciplinary; počet citací: 45

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

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WoS: IF₂₀₁₅: 2,813; **Q1** (12/49) in Geography, Physical; **Q1** (34/184) in Geosciences, Multidisciplinary; počet citací: 29

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: 20

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: 17

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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: 20

Geršlová, E., Opletal, V., Sýkorová, I., Sedláková, I., Geršl, M. (2015): A geochemical and petrographical characterization of organic matter in the Jurassic 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: 24

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: 23

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

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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: 15

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: 33

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: 23

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: 27

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: 14

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

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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: 10

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: 14

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

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WoS: IF₂₀₁₄: 3,318; Q1 (14/79) in Geochemistry & Geophysics; počet citací: 8

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: 24

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

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WoS: IF₂₀₁₄: 2,639; Q1 (40/175) in Geosciences, Multidisciplinary; počet citací: 26

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

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

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WoS: IF₂₀₁₄: 3,466; **Q1** (6/44) in Spectroscopy; **Q1** (12/74) in Chemistry, Analytical; počet citací: 7

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

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WoS: IF₂₀₁₄: 3,558; **Q1** (3/46) in Geology; **Q1** (4/28) in Mineralogy; **Q1** (1/20) in Mining & Mineral Processing; počet citací: 45

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

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

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WoS: IF₂₀₁₃: 1,898; **Q2** (9/27) in Mineralogy; počet citací: 40

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

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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.

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WoS: IF₂₀₁₃: 0,541; Q4 (45/49) in Paleontology; počet citací: 27

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

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

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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

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WoS: IF₂₀₁₃: 2,741; Q1 (4/44) in Geology; počet citací: 74

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

Hönl, 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: 35

Ivanov, D., Kováčová, M., Bozúkov, 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

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

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WoS: IF₂₀₁₃: 2,800; Q1 (32/174) in Geosciences, Multidisciplinary; počet citací: 3

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WoS: IF₂₀₁₃: 2,059; Q2 (8/27) in Mineralogy; Q2 (33/80) in Geochemistry & Geophysics; počet citací: 20

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WoS: IF₂₀₁₃: 2,134; **Q1** (11/44) in Geology; počet citací: 55

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: 54

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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., Rusznyak, 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: 47

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: neuvedeno

WoS: IF₂₀₁₃: 0,571; **Q4** (155/174) in Geosciences, Multidisciplinary; počet citací: 5

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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: 14

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: 16

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: 17

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WoS: IF₂₀₁₃: 0,571; **Q4** (155/174) in Geosciences, Multidisciplinary; počet citací: 18

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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: 9

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: 13

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: 45

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

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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: 39

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

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WoS: IF₂₀₁₂: 2,684; **Q2** (20/76) in Geochemistry & Geophysics; počet citací: 27

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

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WoS: IF₂₀₁₂: 0,804; **Q4** (134/172) in Geosciences, Multidisciplinary; počet citací: 33

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WoS: IF₂₀₁₂: 0,755; **Q4** (22/26) in Mineralogy; počet citací: 13

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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: 25

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

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WoS: IF₂₀₁₂: 1,681; **Q2** (9/26) in Mineralogy; **Q2** (34/76) in Geochemistry & Geophysics; počet citací: 18

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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

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

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

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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: 43

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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., Sázelová, 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

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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: 33

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: 5

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: 17

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: 32

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: neuvedeno; 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: 22

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: 35

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: 29

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: 33

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WoS: IF₂₀₁₁: 1,279; Q3 (89/170) in Geosciences, Multidisciplinary; počet citací: 20

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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: 226

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: 66
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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: 9
- Filip, J., Bosi, 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: 61
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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
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WoS: IF₂₀₁₀: 3,121; **Q1** (3/27) in Mineralogy; **Q1** (13/77) in Geochemistry & Geophysics; počet citací: 43

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WoS: IF₂₀₁₀: 3,121; **Q1** (3/27) in Mineralogy; **Q1** (13/77) in Geochemistry & Geophysics; počet citací: 62

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WoS: IF₂₀₁₀: 1,289; **Q3** (14/27) in Mineralogy; počet citací: 48

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WoS: IF₂₀₀₉: 2,565; **Q2** (28/77) in Toxicology; **Q1** (41/181) in Environmental Sciences; počet citací: 15

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WoS: IF₂₀₀₉: 1,290; Q2 (13/27) in Mineralogy; počet citací: 10

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WoS: IF₂₀₀₉: 0,483; Q4 (24/27) in Mineralogy; počet citací: 12

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2009 (celkem 25 článků, 8 studentů spoluautorů – červeně)

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WoS: IF₂₀₀₈: 1,225; **Q1** (4/28) in Materials Science, Characterization & Testing; počet citací: 11

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WoS: IF₂₀₀₈: 4,235; **Q1** (3/64) in Geochemistry & Geophysics; počet citací: 32

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WoS: IF₂₀₀₈: 2,961; **Q1** (26/163) in Environmental Sciences; **Q1** (16/144) in Geosciences, Multidisciplinary; počet citací: 16

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WoS: IF₂₀₀₈: 2,037; **Q1** (5/25) in Mineralogy; **Q2** (20/64) in Geochemistry & Geophysics; počet citací: 51

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WoS: IF₂₀₀₈: 0,878; **Q3** (44/64) in Geochemistry & Geophysics; počet citací: 51

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WoS: IF₂₀₀₈: 2,396; **Q1** (29/156) in Plant Sciences; počet citací: 63

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WoS: IF₂₀₀₈: 0,390; **Q4** (23/25) in Mineralogy; počet citací: 5

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WoS: IF₂₀₀₈: neuvedeno; počet citací: 42

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WoS: IF₂₀₀₈: 1,225; **Q1** (4/28) in Materials Science, Characterization & Testing; počet citací: 34

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WoS: IF₂₀₀₈: 0,844; **Q2** (24/61) in Anthropology; počet citací: 25

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WoS: IF₂₀₀₈: neuvedeno; počet citací: 25

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WoS: IF₂₀₀₈: neuvedeno; počet citací: 18

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WoS: IF₂₀₀₇: 0,496; **Q4** (32/40) in Paleontology; počet citací: 7

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WoS: IF₂₀₀₇: 1,269; **Q2** (8/25) in Mineralogy; počet citací: 27

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WoS: IF₂₀₀₇: 1,412; **Q2** (26/63) in Geochemistry & Geophysics; počet citací: 1

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WoS: IF₂₀₀₇: 2,203; **Q1** (4/25) in Mineralogy; **Q1** (13/63) in Geochemistry & Geophysics; počet citací: 7

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WoS: IF₂₀₀₇: 0,683; Q3 (88/128) in Chemistry, Multidisciplinary; počet citací: 0

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WoS: IF₂₀₀₇: 0,712; Q3 (23/40) in Geology; počet citací: 9

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WoS: IF₂₀₀₇: neuvedeno; počet citací: 19

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WoS: IF₂₀₀₇: 2,162; **Q1** (4/40) in Paleontology; **Q2** (8/31) in Geography, Physical; **Q1** (28/137) in Geosciences, Multidisciplinary; počet citací: 183

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WoS: IF₂₀₀₇: 0.658; Q3 (25/40) in Paleontology; počet citací: 32

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WoS: IF₂₀₀₇: 1,719; **Q2** (43/137) in Geosciences, Multidisciplinary; počet citací: 154

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WoS: IF₂₀₀₇: neuvedeno; počet citací: 21

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WoS: IF₂₀₀₇: 1,206; **Q2** (12/25) in Mineralogy; počet citací: 19

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WoS: IF₂₀₀₇: 1,852; **Q1** (5/59) in Water Resources; **Q2** (49/160) in Environmental Sciences; **Q2** (38/137) in Geosciences, Multidisciplinary; počet citací: 131

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WoS: IF₂₀₀₇: 0,712; Q3 (23/40) in Geology; počet citací: 19

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WoS: IF₂₀₀₇: 1,206; Q2 (12/25) in Mineralogy; počet citací: 28

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WoS: IF₂₀₀₇: 0,574; Q4 (22/25) in Mineralogy; počet citací: 5

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WoS: IF₂₀₀₇: 1,719; Q2 (43/137) in Geosciences, Multidisciplinary; počet citací: 11

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WoS: IF₂₀₀₇: 0,345; Q3 (37/58) in Anthropology; počet citací: 4

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WoS: IF₂₀₀₇: 0,963; Q3 (109/160) in Environmental Sciences; počet citací: 15

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WoS: IF₂₀₀₇: 1,852; Q1 (5/59) in Water Resources; Q2 (49/160) in Environmental Sciences; Q2 (38/137) in Geosciences, Multidisciplinary; počet citací: 68

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WoS: IF₂₀₀₆: 0,788; Q3 (25/36) in Paleontology; Q3 (24/37) in Geology; počet citací: 43

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WoS: IF₂₀₀₆: 1,038; Q3 (15/26) in Mineralogy; Q3 (39/59) in Geochemistry & Geophysics; počet citací: 83

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WoS: IF₂₀₀₆: neuvedeno; počet citací: 1

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WoS: IF₂₀₀₆: neuvedeno; počet citací: 31

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WoS: IF₂₀₀₆: 2,203; Q1 (3/26) in Mineralogy; Q2 (16/59) in Geochemistry & Geophysics; počet citací: 52

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WoS: IF₂₀₀₆: neuvedeno; počet citací: 56

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WoS: IF₂₀₀₆: 1,791; **Q1** (7/36) in Paleontology; počet citací: 24

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WoS: IF₂₀₀₆: 1,064; **Q3** (14/26) in Mineralogy; počet citací: 25

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WoS: IF₂₀₀₆: 4,040; **Q1** (1/35) in Engineering, Environmental; **Q1** (4/144) in Environmental Sciences; počet citací: 100

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WoS: IF₂₀₀₆: 0,610; **Q4** (121/144) in Environmental Sciences; **Q4** (104/131) in Geosciences, Multidisciplinary; **Q3** (39/57) in Water Resources; počet citací: 21

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WoS: IF₂₀₀₆: 1,038; **Q3** (15/26) in Mineralogy; **Q3** (39/59) in Geochemistry & Geophysics; počet citací: 10

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WoS: IF₂₀₀₆: 1,288; **Q1** (14/57) in Water Resources; **Q2** (54/131) in Geosciences, Multidisciplinary; počet citací: 127

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WoS: IF₂₀₀₆: neuvedeno; počet citací: 86

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WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 217

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WoS: IF₂₀₀₆: 0,610; Q4 (121/144) in Environmental Sciences; Q4 (104/131) in Geosciences, Multidisciplinary; Q3 (39/57) in Water Resources; počet citací: 9

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WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 7

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WoS: IF₂₀₀₆: neuvedeno; počet citací: 4

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WoS: IF₂₀₀₆: 2,203; Q1 (3/26) in Mineralogy; Q2 (16/59) in Geochemistry & Geophysics; počet citací: 44

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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

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WoS: IF₂₀₀₆: 2,359; Q1 (28/144) in Environmental Sciences; počet citací: 151

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: neuvedeno

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WoS: IF₂₀₀₅: 1,646; Q1 (3/19) in Materials Science, Coatings & Films; Q2 (25/83) in Physics, Applied; počet citací: 21

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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

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WoS: IF₂₀₀₅: 2,224; Q1 (22/140) in Environmental Sciences; počet citací: 222

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WoS: IF₂₀₀₅: 2,243; Q1 (3/25) in Mineralogy; Q1 (13/55) in Geochemistry & Geophysics; počet citací: 102

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: neuvedeno

WoS: IF₂₀₀₅: neuvedeno; 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

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WoS: IF₂₀₀₅: 2,451; Q1 (17/140) in Environmental Sciences; počet citací: 121

Faimon, J., **Štecl, 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: 64

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WoS: IF₂₀₀₅: 1,259; Q2 (10/25) in Mineralogy; počet citací: 7

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WoS: IF₂₀₀₅: 1,336; Q2 (54/178) in Materials Science; Q2 (8/25) in Mineralogy, Multidisciplinary; počet citací: 22

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

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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

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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, Ľ. (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: 71

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: 265

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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: 202

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: 443

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
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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

Šrček, O., Gelin, 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: 25

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: 107

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

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WoS: IF₂₀₀₄: 2,567; **Q1** (2/23) in Mineralogy; **Q1** (9/50) in Geochemistry & Geophysics; počet citací: 58

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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: 513

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: 62

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WoS: IF₂₀₀₃: 2,330; Q1 (10/52) in Geochemistry & Geophysics; počet citací: 78

Faimon, J., Nehyba, S. (2004): The formation of spherical clay balls on the slopes of sandpit quarry, the Rudice-Sec (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

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