

Přehled impaktovaných publikací pracovníků/studentů ÚGV PřF MU Brno v období 2003-2023

2023 (celkem 23 článků, 10 studentů spoluautorů – červeně)

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

WoS: IF₂₀₂₂: 3,5; **Q2** (24/86) in Geochemistry & Geophysics; **Q1** (6/29) in Mineralogy; počet citací: 0

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

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

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

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

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

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

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

WoS: IF₂₀₂₂: 11,4; **Q1** (2/68) in Construction & Building Technology; **Q1** (35/342) in Materials Science, Multidisciplinary; počet citací: 1

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

WoS: IF₂₀₂₂: 3,8; **Q2** (37/94) in Meteorology & Atmospheric Sciences; počet citací: 0

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

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

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

WoS: IF₂₀₂₂: 5,5; **Q2** (55/161) in Chemistry, Physical; **Q2** (71/274) in Environmental Sciences; počet citací: 1

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

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

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

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

Mareček, L., Melichar, R., Černý, J., Schnabl, P., Hrdličková, K., Buriánek, D. (2023): Non-coaxial deformation of foreland basement involved in a fold-and-thrust belt: a strain partitioning approach to the Eastern Variscan orogen. *Scientific Reports*, 13, 8143. doi: 10.1038/s41598-023-35400-4
WoS: IF₂₀₂₂: 4,6; **Q2** (22/73) in Multidisciplinary Sciences; počet citací: 0

Novák, M., Dolníček, Z., Zachař, A., Gadas, P., Nepejchal, M., Sobek, K., Škoda, R., Vrtiška, L. (2023): Mineral assemblages and compositional variations in bavenite–bohseite from granitic pegmatites of the Bohemian Massif, Czech Republic. *Mineralogical Magazine*, 87, 415–432. doi: 10.1180/mgm.2023.17
WoS: IF₂₀₂₂: 2,7; **Q2** (10/29) in Mineralogy; počet citací: 0

Peška, J., Štelcl, J. (2023): Results of micrometallographic Analysis of metalworking tools in graves of metallurgists in Moravia/Czech Republic. *Archaeometry*, 65, 4, 771–797. doi: 10.1111/arc.12843
WoS: IF₂₀₂₂: 1,6; **Q4** (70/86) in Chemistry, Analytical; **Q4** (33/42) in Chemistry, Inorganic & Nuclear; **Q4** (155/201) in Geosciences, Multidisciplinary; počet citací: 0

Přišťáková, M., Adameková, K., Petřík, J., Dresler, P., Prokeš, L. (2023): Tracing the spatial organization and activity zones of an Early Mediaeval homestead at the Pohansko stronghold (Czechia) by combining geophysics and geochemical mapping. *Archaeological Prospection*. In Press. doi: 10.1002/arp.1907
WoS: IF₂₀₂₂: 1,8; **Q3** (144/201) in Geosciences, Multidisciplinary; počet citací: 0

Rosing-Schow, N., Romer, R. L., Müller, A., Corfu, F., Škoda, R., Friis, H. (2023): Geochronological constraints for a two-stage history of the Sveconorwegian rare-element pegmatite province Formation. *Precambrian Research*, 384, 106944. doi: 10.1016/j.precamres.2022.106944
WoS: IF₂₀₂₂: 3,8; **Q2** (60/201) in Geosciences, Multidisciplinary; počet citací: 0

Rybníková, O., Bačík, P., Uher, P., Fridrichová, J., Lalinská-Voleková, B., Kubernátová, M., Hanus, R. (2023): Characterization of chrysoberyl and its gemmological varieties by Raman spectroscopy. *Journal of Raman Spectroscopy*. In Press. doi: 10.1002/jrs.6566
WoS: IF₂₀₂₂: 2,5; **Q2** (16/41) in Spectroscopy; počet citací: 0

Rybníková, O., Uher, P., Novák, M., Chládek, Š., Bačík, P., Kurylo, S., Vaculovič, T. (2023): Chrysoberyl and associated beryllium minerals resulting from metamorphic overprint of the Maršíkov – Schindlerhübel III pegmatite, Czech Republic. *Mineralogical Magazine*, 87, 369–381. doi: 10.1180/mgm.2023.22
WoS: IF₂₀₂₂: 2,7; **Q2** (10/29) in Mineralogy; počet citací: 0

Sobek, K., Losos, Z., Škoda, R., Holá, M., Nasdala, L. (2023): Crystal chemistry of ferriallanite-(Ce) from Nya Bastnäs, Sweden: Chemical and spectroscopic study. *Mineralogy and Petrology*, 117, 345–357. doi: 10.1007/s00710-023-00829-y
WoS: IF₂₀₂₂: 1,8; **Q3** (49/86) in Geochemistry & Geophysics; **Q3** (16/29) in Mineralogy; počet citací: 0

Timmerman, M. J., Krmíček, L., Krmíčková, S., Sláma, J., Sudo, M., Sobel, E. (2023): Tonian–Ediacaran Evolution of the Brunovistulian microcontinent (Czech Republic) deciphered from LA-ICP-MS U-PB zircon and ⁴⁰Ar/³⁹Ar muscovite ages. *Precambrian Research*, 387, 106981. doi: 10.1016/j.precamres.2023.106981
WoS: IF₂₀₂₂: 3,8; **Q2** (60/201) in Geosciences, Multidisciplinary; počet citací: 0

Toman, J., Šnirer, M., Rincón, R., Jašek, O., Všianský, D., Raya, A. M., Morales-Calero, F. J., Muñoz, J., Calzada, M. D. (2023): On the gas-phase graphene nanosheet synthesis in atmospheric microwave plasma torch: Upscaling potential and graphene nanosheet-copper nanocomposite oxidation resistance. *Fuel Processing Technology*, 239, 107534. doi: 10.1016/j.fuproc.2022.107534
WoS: IF₂₀₂₂: 7,5; **Q1** (8/72) in Chemistry, Applied; **Q2** (30/115) in Energy & Fuels; **Q1** (18/140) in Engineering, Chemical; počet citací: 0

Tóth, P., Petřík, J., Bickle, P., Adameková, K., Denis, S., Slaviček, K., Petr, L., Pokutta, D., Isaksson, S. (2023): Radiocarbon dating of grass-tempered ceramic reveals the earliest pottery from Slovakia predates the arrival of farming. *Radiocarbon*, 65, 3, 733–753. doi: 10.1017/RDC.2023.39
WoS: IF₂₀₂₂: 8,3; **Q1** (3/86) in Geochemistry & Geophysics; počet citací: 0

Trampota, F., Parma, D., Lisá, L., Hrnčíř, V., Přichystal, A., Nývltová Fišáková, M., Dreslerová, G. (2023): New Perspective on Neolithic Rectangular Features Using Artefact Analysis, Soil Micromorphology and

Ethnohistorical Analogies. A Case study from Střelice u Brna, South Moravia, Czech Republic. *Præhistorische Zeitschrift*, 97, 2, 459–494. doi: 10.1515/pz-2022-2046
WoS: IF₂₀₂₂: 0,6; Q3 (67/91) in Anthropology; počet citací: 0

Vereschchagin, O. S., Gorelova, L. A., Shagova, A. K., Kasatkin, A. V., **Škoda, R.**, Bocharov, V. N., Vlasenko, N. S., Vašinová Galiová, M. (2023): Re-investigation of „minasgeraisite-(Y)“ from the Jaguaracu pegmatite, Brazil and high-temperature crystal chemistry of gadolinite supergroup minerals. *Mineralogical Magazine*, 87, 470–479. doi: 10.1180/mgm.2023.19
WoS: IF₂₀₂₂: 2,7; Q2 (10/29) in Mineralogy; počet citací: 0

2022 (celkem 62 článků, 24 studentů spoluautorů – červeně)

Abdale, L., Belley, P.M., Groat, L.E., **Cempírek, J.**, **Škoda, R.**, Wall, C. (2022): Corundum genesis at the Blue Jay Sapphire occurrence (British Columbia, Canada) as a record of metamorphism and partial melting in the Monashee Complex. *Lithos*, 438-439, 106992. doi: 10.1016/j.lithos.2022.106992
WoS: IF₂₀₂₁: 4,020; Q2 (28/87) in Geochemistry & Geophysics; Q2 (8/30) in Mineralogy; počet citací: 0

Adameková, K., **Petřík, J.** (2022): The myth of ‘Bohunician soil’: A re-evaluation of the MIS 3 palaeosol record at the Brno-Bohunice site (Czechia). *Catena*, 217, 106510. doi: 10.1016/j.catena.2022.106510
WoS: IF₂₀₂₁: 6,367; Q1 (17/201) in Geosciences, Multidisciplinary; Q1 (8/39) in Soil Science; Q1 (12/100) in Water Resources; počet citací: 1

Bábek, O., **Kumpan, T.**, Li, W., Holá, M., Šimíček, D., Kapusta, J. (2022): Incipient reddening of Ordovician carbonates: The origin and Geochemistry of yellow and pink colouration in limestones. *Sedimentary Geology*, 440, 106262. doi: 10.1016/j.sedgeo.2022.106262
WoS: IF₂₀₂₁: 3,329; Q1 (6/49) in Geology; počet citací: 0

Biagioni, C., Kasatkin, A.V., Sejkora, J., Nestola, J., **Škoda, R.** (2022): Tennantite-(Cd), Cu₆(Cu₄Cd₂)As₄S₁₃, from the Berenguela mining district, Bolivia: the first Cd-member of the tetrahedrite group. *Mineralogical Magazine*, 86, 5, 834–840. doi: 10.1180/mgm.2022.61
WoS: IF₂₀₂₁: 2,131; Q2 (14/30) in Mineralogy; počet citací: 1

Boháč, M., Kubátová, D., Krejčí Kotlánová, M., Khongová, I., Zezulová, A., Novotný, R., Palou, M.T., Staněk, T., **Všianský, D.** (2022): The role of Li₂O, MgO and CuO on SO₃ activated clinkers. *Cement and Concrete Research*, 152, 106672. doi: 10.1016/j.cemconres.2021.106672
WoS: IF₂₀₂₁: 11,958; Q1 (1/68) in Construction & Building Technology; Q1 (36/345) in Materials Science, Multidisciplinary; počet citací: 5

Bonilla-Salomón, I., Čermák, S., **Luján, Á.H.**, Jovells-Vaqué, S., **Ivanov, M.**, Sabol, M. (2022): Early Miocene remains of *Melissiodon* from Mokrá-Quarry (Moravia, Czech Republic) shed light on the evolutionary history of the rare cricetid genus. *PeerJ*, 10, 13820. doi: 10.7717/peerj.13820
WoS: IF₂₀₂₁: 3,061; Q2 (33/73) in Multidisciplinary Sciences; počet citací: 2

Bonilla-Salomón, I., Čermák, S., **Luján, Á.H.**, Jvells-Vaque, S., **Ivanov, M.**, Sabol, M. (2022): When different is the same: a case study of two small-mammal bearing fissures from the Early Miocene of Mokrá-Quarry sites (South Moravia, Czech Republic). *Bollettino della Societa Paleontologica Italiana*, 61, 3, 297–318. doi: 10.4435/BSPI.2022.18
WoS: IF₂₀₂₁: 1,595; Q3 (40/54) in Paleontology; počet citací: 0

Bonilla-Salomón, I., Luján, Á.H., **Ivanov, M.**, Sabol, M. (2022): *Aliveria mojmiri* sp. Nov. Among other flying and ground squirrels (Rodentia, Mammalia) from the early Miocene of Mokrá-Quarry sites (Moravia, Czech Republic). *Historical Biology*, 34, 10, 1950–1963. doi: 10.1080/08912963.2021.1992403
WoS: IF₂₀₂₁: 1,942; Q2 (24/54) in Paleontology; počet citací: 2

Bosi, F., Biagioni, C., Pezzotta, F., Skogby, H., Halenius, U., **Cempírek, J.**, Hawthorne, F.C., Lussier, A.J., Abdu, Y.A., Day, M.C., Fayek, M., Clark, C.M., Grice, J.D., Henry, D.J. (2022): Uvite, CaMg₃(Al₅Mg)(Si₆O₁₈)(BO₃)₃(OH)₃(OH), a new, but long-anticipated mineral species of the tourmaline supergroup from San Piero in Campo, Elba Island, Italy. *Mineralogical Magazine*, 86 (5), 767–776. doi: 10.1180/mgm.2022.54

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

Bosi, F., Pezzotta, F., Altieri, A., Andreozzi, G.B., Ballirano, P., tempesta, G., **Cempírek, J., Škoda, R.**, Filip, J., **Čopjaková, R., Novák, M.**, Kampf, A.R., Scribner, E.D., Groat, L.A., Evans, R.J. (2022): Celleriite, $\square(\text{Mn}_2^{2+}\text{Al})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$, a new mineral species of the tourmalin supergroup. *American Mineralogist*, 107, 1, 31–42. doi: 10.2138/am-2021-7818

WoS: IF₂₀₂₁: 3,066; **Q2** (39/87) in Geochemistry & Geophysics; **Q2** (10/30) in Mineralogy; počet citací: 6

Bosi, F., Pezzotta, F., Skogby, H., Altieri, A., Halenius, U., Tempesta, G., **Cempírek, J.** (2022): Princivalleite, $\text{Na}(\text{Mn}_2\text{Al})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$, a new mineral species of the tourmaline supergroup from Veddasca Valley, Varese, Italy. *Mineralogical Magazine*, 86, 78–86. doi: 10.1180/mgm.2022.3

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

Brzobohatý, R., Zahradníková, B., Hudáčková, N. (2022): Fish otoliths and foraminifera from the Borský Mikuláš section (Slovakia, Middle Miocene, Upper Badenian, Vienna Basin) and their paleoenvironmental significance. *Rivista Italiana di Paleontologia e Stratigrafia*, 128, 2, 515–537. doi: 10.54103/2039-4942/15773

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

Buriánek, D., Ivanov, M., Janderková, J., **Patzel, M.** (2022): Importance of accessory minerals for the vertical distribution of uranium and thorium in soil profiles: A case study of durbachite from the Třebíč Pluton (Czech Republic). *Catena*, 213, 106166. doi: 10.1016/j.catena.2022.106166

WoS: IF₂₀₂₁: 6,367; **Q1** (17/201) in Geosciences, Multidisciplinary; **Q1** (8/39) in Soil Science; **Q1** (12/100) in Water Resources; počet citací: 2

Buriánková, I., Molíková, A., Vítězová, M., Onderka, V., Vítěz, T., Urbanová, I., Hanišáková, N., Černý, M., Novák, D., Lochman, J., **Zeman, J.**, Javůrek, J., Machálková, M., Dengler, L., Huber, H. (2022): Microbial Communities in Underground Gas Reservoirs Offer Promising Biotechnological Potential. *Fermentation*, 8 (6), 251. doi: 10.3390/fermentation8060251

WoS: IF₂₀₂₁: 5,123; **Q2** (44/158) in Biotechnology & Applied Microbiology; počet citací: 2

Buzek, F., Cejkova, B., Jackova, I., **Gerslova, E.**, Mach, K., Lhotka, M., Curik, J., Veselovsky, F. (2022): Secondary processes on coal deposits change the emission of greenhouse gases. *International Journal of Coal Geology*, 262, 104102. doi: 10.1016/j.coal.2022.104102

WoS: IF₂₀₂₁: 6,300; **Q2** (45/119) in Energy & Fuels; **Q1** (18/202) in Geosciences, Multidisciplinary; počet citací: 1

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

Faimon, J., Baldík, V., **Buriánek, D., Rez, J., Štelcl, J., Všianský, D.**, Sedláček, J., Dostalík, M., Nečas, J., Novotný, R., Hadač, 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: 0

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

WoS: IF₂₀₂₁: 3,841; **Q2** (30/87) in Geochemistry & Geophysics; počet citací: 0

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

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

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

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

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

WoS: IF₂₀₂₁: 1,736; Q3 (36/65) in Biodiversity Conservation; Q3 (29/53) in Paleontology; počet citací: 2

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

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

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

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

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

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

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

WoS: IF₂₀₂₁: 1,778; Q3 (57/87) in Geochemistry & Geophysics; Q3 (18/30) in Mineralogy; počet citací: 0

Kasatkin, A.V., Anisimova, G.S., Nestola, F., Plášil, J., Sejkora, J., **Škora, R.**, Sokolov, E.P., Kondratieva, L.A., Kardashevskaya, V.N. (2022): Amgaite, Tl³⁺₂Te⁶⁺O₆, a New Mineral from the Khokhoykoe Gold Deposit, Eastern Siberia, Russia. *Minerals*, 12, 9, 1064. doi: 10.3390/min12091064

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

Kasatkin, A.V., Britvin, S.N., Krzhizhanovskaya, M.G., Chukanov, N.V., **Škoda, R.**, Göttlicher, J., Belaovskiy, D.I., Pekov, I.V., Levitskiy, V.V. (2022): Kaznakhtite, Ni₆CO³⁺₂(CO₃)(OH)₁₆ · 4H₂O, a new natural layered double hydroxide, the member of the hydrotalcite supergroup. *Mineralogical Magazine*, 56, 5, 841–848. doi: 10.1180/mgm.2022.65

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

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

Kasatkin, A.V., Plášil, J., Makovicky, E., Chukanov, N.V., **Škoda, R.**, Agakhanov, A.A., Tsyganko, M.V. (2022): Gungerite, TlAs₅Sb₄S₁₃, a new thallium sulfosalt with a complex structure containing covalent As-As bonds. *American Mineralogist*, 107, 6, 1164–1173. doi: 10.2138/am-2022-8003

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

Kasatkin, A.V., Plášil, J., Makovicky, E., **Škoda, R.**, Agakhanov, A.A., Tsyganko, M.V. (2022): Pokhodyashinite, CuTlSb₂(Sb_{1-x}Tl_x)AsS_{7-x}, a new thallium sulfosalt from the Vorontsovskoe gold deposit, Northern Urals, Russia. *Journal of Geosciences*, 67, 1, 41–51.

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

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

WoS: IF₂₀₂₁: 2,986; Q3 (102/201) in Geosciences, Multidisciplinary; počet citací: 1

Kozáková, P., Miglierini, 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

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WoS: IF₂₀₂₁: 3,352; **Q2** (69/142) in Engineering, Chemical; počet citací: 2

Kříbek, B., Kněsl, 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: 0

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WoS: IF₂₀₂₁: 4,020; **Q2** (28/87) in Geochemistry & Geophysics; **Q2** (8/30) in Mineralogy; počet citací: 0

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

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

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

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

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

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

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Nehyba, S., Opletal, V., Holcová, K., Scheiner, F., Ackerman, L., Rejšek, J. (2022): The return of the Iván Canyon, a large Neogene canyon in the Alpine-Carpathian Foredeep. *Marine and Petroleum Geology*, 144, 105808. doi: 10.1016/j.marpetgeo.2022.105808

WoS: IF₂₀₂₁: 5,361; **Q1** (29/202) in Geosciences, Multidisciplinary; počet citací: 1

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WoS: IF₂₀₂₁: 1,576; **Q2** (23/49) in Geology; počet citací: 1

Otahal, P.P.S., **Fialova, E.**, Vosahlik, J., Wiedner, H., Grossi, C., Vargas, A., Michielsen, N., Turtiainen, T., Luca, A., Wołoszczuk, K., Beck, T.R. (2022): Low-Level Radon Activity Concentration—A MetroRADON

International Intercomparison. International Journal of Environmental Research and Public Health, 19, 10, 5810. doi: 10.3390/ijerph19105810

WoS: IF₂₀₂₁: 4,614; **Q2** (100/279) in Environmental Sciences; **Q2** (71/210) in Public, Environmental & Occupational Health; počet citací: 2

Petrík, J., Adameková, K., Petr, L., Jouffroy-Bapicot, I., Kočár, P., Kočárová, R., Golánová, P., Guichard, V. (2022): Landscape Evolution around the oppidum of Bibracte (northern Massif Central, France) from the Late Iron Age to the Post-Mediaeval period. Quaternary International, 636, 180–195. doi: 10.1016/j.quaint.2021.02.022

WoS: IF₂₀₂₁: 2,454; **Q3** (34/50) in Geography, Physical; **Q3** (124/202) in Geosciences, Multidisciplinary; počet citací: 1

Petrík, J., Adameková, K., Škrdla, P. (2022): A pedogenically-informed chronostratigraphic model elucidates the geochronology at the type site of the Bohunician technocomplex. Quaternary Science Reviews, 297, 107827. doi: 10.1016/j.quascirev.2022.107827

WoS: IF₂₀₂₁: 4,456; **Q1** (12/50) in Geography, Physical; **Q1** (48/202) in Geosciences, Multidisciplinary; počet citací: 2

Plášil, J., Steciuk, G., Majzlan, J., **Škoda, R.,** Filip, J., Petr, M., Kolařík, J., Klementová, M., Bähre, O., Klöß, Lapčák, L. (2022): 3D Electron Diffraction as a Powerful Tool to Study the earliest Nanocrystalline Weathering Products: A Case Study of uraninite Weathering. ACS Earth and Space Chemistry, 6, 5, 1250–1258. doi: 10.1021/acsearthspacechem.1c00386

WoS: IF₂₀₂₁: 3,556; **Q2** (89/179) in Chemistry, Multidisciplinary; **Q2** (34/87) in Geochemistry & Geophysics; počet citací: 0

Plášil, J., **Škoda, R.,** Fatková, K. (2022): Crystallization of Uranyl Silicate Natroboltwoodite during an Experimental Dissolution of the Mineral Yttrialite-(Y): Crystal Structure and Raman Spectroscopy. Crystal Growth & Design, 22, 2, 1202–1211. doi: 10.1021/acs.cgd.1c01152

WoS: IF₂₀₂₁: 4,010; **Q2** (76/179) in Chemistry, Multidisciplinary; **Q1** (5/26) in Crystallography; **Q2** (155/345) in Materials Science, Multidisciplinary; počet citací: 0

Proisl, T., Melichar, R. (2022): Experimental study of rock ruptures shear strength anisotropy. Acta Geodynamica et Geomaterialia, 19, 2 (206), 111–117. doi: 10.13168/AGG.2022.0001

WoS: IF₂₀₂₁: 1,000; **Q4** (75/87) in Geochemistry & Geophysics; **Q4** (17/20) in Mining & Mineral Processing; počet citací: 0

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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., Vrlíková, 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: 1

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

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

Szczygieł, 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: 2

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

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

Tvrđý, 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: 1

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: 0

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WoS: IF₂₀₂₁: 1,932; **Q2** (26/53) in Paleontology; počet citací: 0

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: 1

Vrtiška, L., **Tvrđý, 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: 0

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

WoS: IF₂₀₂₁: 1,778; **Q3** (57/87) in Geochemistry & Geophysics; **Q3** (18/30) in Mineralogy; počet citací: 0

2021 (celkem 60 článků, 26 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: 1

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: 0

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: 3

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: 3

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: 1

Bárta, O., **Melichar, R.**, Černý, J. (2021): How many extensional stages marked the variscan gravitational collapse in the Bohemian Massif? *Annales Societatis Geologorum Poloniae*, 91, 2, 121–136. doi: 10.14241/asgp.2021.08

WoS: IF₂₀₂₀: 1,333; **Q3** (29/48) in Geology; počet citací: 2

Bednář, D., Otáhal, P., Němeček, L., **Geršlová, E.** (2021): The analytical approach of drone use in radiation monitoring. *Radioprotection*, 56, 1, 61–67. doi: 10.1051/radiopro/2020066

WoS: IF₂₀₂₀: 1,015; **Q4** (258/274) in Environmental Sciences; **Q4** (125/134) in Radiology, Nuclear Medicine & Medical Imaging; **Q4** (187/203) in Public, Environmental & Occupational Health; **Q4** (28/34) in Nuclear Science & Technology; počet citací: 2

Bonilla-Salomón, I., Čermák, S., Luján, Á.H., Horáček, I., **Ivanov, M.**, Sabol, M. (2021): Early Miocene small mammals from MWQ1/2001 Turtle Joint (Mokrá-Quarry, South Moravia, Czech Republic): biostratigraphical and palaeoecological considerations. *Bulletin of Geosciences*, 96, 1, 99–122. doi: 10.3140/bull.geosci.1801

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

Březina, J., Alba, D.M., **Ivanov, M.**, Hanáček, M., Luján, Á.H. (2021): A middle Miocene vertebrate assemblage from the Czech part of the Vienna Basin: Implications for the paleoenvironments of the Central Paratethys. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 575, 110473.

WoS: IF₂₀₂₀: 3,318; **Q2** (21/50) in Geography, Physical; **Q1** (2/54) in Paleontology; **Q2** (74/199) in Geosciences, Multidisciplinary; počet citací: 3

Chanmuang, N.C., Nasdala, L., Wildner, M., **Škoda, R.**, Zoysa, E.G. (2021): Spectroscopic Study of Serendibite from Sri Lanka. *Journal of Gemmology*, 37, 5, 451–454. doi: neuvedeno

WoS: IF₂₀₂₀: 1,375; **Q3** (20/30) in Mineralogy; počet citací: 0

Čopjaková, R., Prokop, J., Novák, M., Losos, Z., **Gadas, P.**, **Škoda, R.**, Holá, M. (2021): Hydrothermal alteration of tourmaline from pegmatitic rocks enclosed in serpentinites: Multistage processes with distinct fluid sources. *Lithos*, 380–381, 105823. doi: 10.1016/j.lithos.2020.105823

WoS: IF₂₀₂₀: 4,004; **Q1** (7/30) in Mineralogy; **Q1** (19/88) in Geochemistry & Geophysics; počet citací: 1

Doláková, N., Kováčová, M., Utescher, T. (2021): Vegetation and climate changes during the Miocene climatic optimum and Miocene climatic transition in the northwestern part of Central Paratethys. *Geological Journal*, 56, 2, 729–743. doi: 10.1002/gj.4056

WoS: IF₂₀₂₀: 2,489; Q3 (112/199) in Geosciences, Multidisciplinary; počet citací: 8

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

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

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

WoS: IF₂₀₂₀: 3,003; **Q2** (10/30) in Mineralogy; **Q2** (36/88) in Geochemistry & Geophysics; počet citací: 0

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

WoS: IF₂₀₂₀: 1,165; Q4 (25/30) in Mineralogy; počet citací: 2

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

WoS: IF₂₀₂₀: 3,752; **Q1** (8/43) in Spectroscopy; počet citací: 7

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

WoS: IF₂₀₂₀: 3,809; **Q2** (8/30) in Mineralogy; **Q1** (5/21) in Mining & Mineral Processing; počet citací: 4

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

WoS: IF₂₀₂₀: 4,004; **Q1** (7/30) in Mineralogy; **Q1** (19/88) in Geochemistry & Geophysics; počet citací: 2

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

WoS: IF₂₀₂₀: 2,062; **Q2** (13/30) in Mineralogy; počet citací: 1

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

WoS: IF₂₀₂₀: 1,600; **Q2** (27/54) in Paleontology; Q4 (157/199) in Geosciences, Multidisciplinary; počet citací: 5

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

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

WoS: IF₂₀₂₀: 3,207; **Q2** (58/160) in Physics, Applied; počet citací: 7

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

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

Kasatkin, A.V., Plášil, J., Makovický, E., Chukanov, N.V., **Škoda, R.**, Agakhanov, A.A., Stepanov, S.Y., Palamarchuk, R.S. (2021): Auerbakhite, $\text{MnTi}_2\text{As}_2\text{S}_5$, a new thallium sulfosalt from the Vorontsovskoe gold deposit, Northern Urals, Russia. *Journal of Geosciences*, 66, 2, 89–96. doi: 10.3190/jgeosci.321

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

Kasatkin, A.V., Plášil, J., **Škoda, R.**, Campostrini, I., Chukanov, N.V., Agakhanov, A.A., Karpenko, V.Y., Belakovskiy, D.I. (2021): Ferroefremovite, $(\text{NH}_4)\text{Fe}^{2+}_2(\text{SO}_4)_3$, a New Mineral from Solfatara di Pozzuoli, Campania, Italy. *Canadian Mineralogist*, 59, 1, 59–68. doi: 10.3749/canmin.1900085

WoS: IF₂₀₂₀: 1,165; Q4 (25/30) in Mineralogy; počet citací: 2

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), $\text{La}_2\text{Mn}(\text{CO}_3)(\text{Si}_2\text{O}_7)$, alexkuznetsovite-(Ce), $\text{Ce}_2\text{Mn}(\text{CO}_3)(\text{Si}_2\text{O}_7)$ and biraite-(La), $\text{La}_2\text{Fe}^{2+}(\text{CO}_3)(\text{Si}_2\text{O}_7)$, 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: 0

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WoS: IF₂₀₂₀: 2,176; Q1 (13/54) in Paleontology; Q2 (14/48) in Geology; počet citací: 9

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

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

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

WoS: IF₂₀₂₀: 4,004; Q1 (7/30) in Mineralogy; Q1 (19/88) in Geochemistry & Geophysics; počet citací: 2

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

WoS: IF₂₀₂₀: 6,789; Q1 (34/274) in Environmental Sciences; počet citací: 11

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

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

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

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

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

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

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

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

WoS: IF₂₀₂₀: 4,015; **Q1** (18/88) in Geochemistry & Geophysics; počet citací: 7

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

WoS: IF₂₀₂₀: 1,573; **Q3** (41/60) in Biodiversity Conservation; **Q3** (39/54) in Paleontology; počet citací: 4

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

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

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

WoS: IF₂₀₂₀: 4,015; **Q1** (18/88) in Geochemistry & Geophysics; počet citací: 5

Makovický, E., Plášil, J., Kasatkin, A.V., **Škoda, R.** (2021): The crystal structure of $\text{Ti}_{2.36}\text{Sb}_{5.98}\text{As}_{4.59}\text{S}_{17}$, the lead-free endmember of the Chabourneite homeotypic group. *Canadian Mineralogist*, 59, 3, 533–549. doi: 10.3749/canmin.2000093

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

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

WoS: IF₂₀₂₀: 2,644; **Q2** (11/30) in Mineralogy; **Q2** (42/88) in Geochemistry & Geophysics; **Q2** (9/21) in Mining & Mineral Processing; počet citací: 5

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

WoS: IF₂₀₂₀: 3,809; **Q2** (8/30) in Mineralogy; **Q1** (5/21) in Mining & Mineral Processing; počet citací: 2

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

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

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

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

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

WoS: IF₂₀₂₀: 7,086; **Q1** (30/274) in Environmental Sciences; počet citací: 6

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

WoS: IF₂₀₂₀: 3,304; **Q2** (85/178) in Chemistry, Multidisciplinary; **Q2** (7/25) in Crystallography; počet citací: 1

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

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

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

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

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

WoS: IF₂₀₂₀: 3,003; Q2 (10/30) in Mineralogy; Q2 (36/88) in Geochemistry & Geophysics; počet citací: 5

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

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

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

WoS: IF₂₀₁₉: 1,573; Q3 (36/59) in Biodiversity Conservation; Q2 (27/55) in Paleontology; počet citací: 13

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

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

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

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

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

WoS: IF₂₀₂₀: 2,062; Q2 (13/30) in Mineralogy; počet citací: 1

Tvrđý, J., Sejkora, J., Rosseel, P., Dolníček, Z. (2021): Ferraioloite from the Sítio do Castelo mine, Folgoso (Guarda, Portugal), description and Raman spectroscopy. *Journal of Geosciences*, 66, 139–146.

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

Vöröš, D., Řimnáčová, D., **Medvecká, L.**, Geršlová, E., Díaz-Somoano, M. (2021): The impact of saline mine water on fate of mineral elements and organic matter: The case study of the Upper Silesian Coal Basin. *Chemosphere*, 284, 131397. doi: 10.1016/j.chemosphere.2021.131397

WoS: IF₂₀₂₀: 7,086; Q1 (33/279) in Environmental Sciences; počet citací: 4

Weiner, T., **Weinerová, H.**, Kalvoda, J., Viktorýn, T. (2021): The first lower Viséan trilobite Association from limestone facies of the Moravian Karst and its relation to the sedimentary environment (Líšeň Formation, Czech Republic). *Bulletin of Geosciences*, 96, 2, 217–249. doi: 10.3140/bull.geosci.1811

WoS: IF₂₀₂₀: 1,600; Q2 (27/54) in Paleontology; Q4 (157/199) in Geosciences, Multidisciplinary; počet citací: 0

Zemánek, D., Lang, K., Tvrđík, L., **Všianský, D.**, Nevřivová, L., **Štursa, P.**, Kovář, P., Keršnerová, Dvořák K. (2021): Development and Properties of New Mullite Based Refractory Grog. *Materials*, 14, 4, 779. doi: 10.3390/ma14040779

WoS: IF₂₀₂₀: 3,623; Q2 (27/69) in Physics, Condensed Matter; Q1 (17/80) in Metallurgy & Metallurgical Engineering; Q2 (152/335) in Materials Science, Multidisciplinary; Q2 (51/160) in Physics, Applied; Q2 (79/162) in Chemistry, Physical; počet citací: 4

Zeug, M., Nasdala, L., Ende, M., Habler, G., Hauzenberger, C., Chanmuang, C.N., **Škoda, R.**, Topa, D., Wildner, M., Wirth, R. (2021): The parasite-(Ce) enigma: challenges in the identification of fluorcarbonate minerals. *Mineralogy and Petrology*, 115, 1, 1–19. doi: 10.1007/s00710-020-00723-x

WoS: IF₂₀₂₀: 1,708; **Q2** (15/30) in Mineralogy; **Q3** (54/88) in Geochemistry & Geophysics; počet citací: 8

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WoS: IF₂₀₁₉: 1,863; **Q2** (20/54) in Paleontology; počet citací: 2

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WoS: IF₂₀₁₉: 4,140; **Q1** (5/39) in Engineering, Geological; **Q1** (24/200) in Geosciences, Multidisciplinary; počet citací: 10

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

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

WoS: IF₂₀₁₈: 1,476; **Q3** (210/293) in Materials Science, Multidisciplinary; **Q3** (18/29) in Mineralogy; počet citací: 8

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

WoS: IF₂₀₁₈: 2,663; **Q1** (2/57) in Paleontology; počet citací: 7

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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: 7

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WoS: IF₂₀₁₈: 5,589; **Q1** (27/250) in Environmental Sciences; počet citací: 14

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

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

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WoS: IF₂₀₁₈: 1,489; **Q2** (22/57) in Paleontology; počet citací: 8

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WoS: IF₂₀₁₈: 2,909; **Q1** (10/170) in Zoology; počet citací: 4

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WoS: IF₂₀₁₈: 1,959; **Q3** (142/250) in Environmental Sciences; počet citací: 3

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

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

WoS: IF₂₀₁₈: 1,978; Q3 (100/196) in Geosciences, Multidisciplinary; počet citací: 2

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

WoS: IF₂₀₁₇: 1,532; Q3 (122/190) in Geosciences, Multidisciplinary; počet citací: 10

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

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

WoS: IF₂₀₁₇: 3,992; **Q2** (13/149) in Evolutionary Biology; počet citací: 7

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: 15

Bábek, O., Faměra, M., Šimíček, D., **Weinerová, H.**, Hladil, J., **Kalvoda, J.** (2018): Sea-level changes vs. Organic productivity as controls on Early and Middle Devonian bioevents: Facies- and gamma-ray based sequence-stratigraphic correlation of the Prague Basin, Czech Republic. *Global and Planetary Change*, 160, 75–95. doi: 10.1016/j.gloplacha.2017.11.009

WoS: IF₂₀₁₇: 3,982; **Q1** (8/49) in Geography, Physical; **Q1** (20/190) in Geosciences, Multidisciplinary; počet citací: 21

Blahut, J., Baroň, I., **Sokol, L.**, Meletlidis, S., Klimeš, J., Rowberry, M., **Melichar, R.**, García-Canada, L., Martí, X. (2018): Large landslide stress states calculated during extreme climatic and tectonic events on El Hierro, Canary Islands. *Landslides*, 15, 9, 1801–1814. doi: 10.1007/s10346-018-0993-1

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

Bořilová, Š., Mandl, M., **Zeman, J.**, Kučera, J. (2018): Can Sulfate Be the First Dominant Aqueous Sulfur Species Formed in the Oxidation of Pyrite by *Acidithiobacillus ferrooxidans*? *Frontiers in Microbiology*, 9, 3134. doi: 10.3389/fmicb.2018.03134

WoS: IF₂₀₁₇: 4,019; **Q2** (32/123) in Microbiology; počet citací: 9

Brzobohatý, R., Nolf, D. (2018): Revision of the Middle Badenian fish otoliths from the Carpathian Foredeep in Moravia (Middle Miocene, Czech Republic). *Cybiurn*, 42, 2, 143–167. doi: neuvedeno

WoS: IF₂₀₁₇: 0,346; Q4 (156/167) in Zoology; počet citací: 7

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WoS: IF₂₀₁₇: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 7

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: 8

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: 2

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WoS: IF₂₀₁₇: 3,626; **Q1** (6/29) in Mineralogy; **Q1** (17/85) in Geochemistry & Geophysics; počet citací: 5

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WoS: IF₂₀₁₇: 0,632; Q4 (178/190) in Geosciences, Multidisciplinary; počet citací: 8

Evans, R.J., Groat, L.A., **Cempírek, J.**, **Škoda, R.**, Grew, E.S., Bernard, C. (2018): The crystal chemistry of the sakhaite-harkerite solid solution. *American Mineralogist*, 103, 11, 1749–1760. doi: 10.2138/am-2018-6563

WoS: IF₂₀₁₇: 2,645; **Q2** (33/85) in Geochemistry & Geophysics; **Q2** (10/29) in Mineralogy; počet citací: 1

Faimon, J., Lang, M. (2018): What actually controls the minute to hour changes in soil carbon dioxide concentrations? *Geoderma*, 323, 52–64. doi: 10.1016/j.geoderma.2018.02.048

WoS: IF₂₀₁₇: 3,740; **Q1** (5/34) in Soil Science; počet citací: 8

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: 10

Frýbová, P., Gadas, P., Přichystal, A., Všianský, D., Hadacz, R., Hlavsa, P. (2018): The provenance of serpentinite tools in the Corded Ware culture of Moravia (Czech Republic). *Geological Quarterly*, 62, 3, 563–578. doi: 10.7306/gq.1437

WoS: IF₂₀₁₇: 1,128; Q3 (26/47) in Geology; počet citací: 0

Galliski, M.A., London, D., **Novák, M.**, Martin, R.F. (2018): Granitic Pegmatites and their minerals: a tribute to Petr Černý preface. *Canadian Mineralogist*, 56, 5, 849–852. doi: 10.3749/canmin.50.6.4.777

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

Galliski, M.A., London, D., **Novák, M.**, Martin, R.F. (2018): Granitic Pegmatites and their minerals: a second tribute to Petr Černý preface. *Canadian Mineralogist*, 56, 5, 853–856. doi: 10.3749/canmin.50.6.1441

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

Hanáček, M., Nývlt, D., Skácelová, Z., **Nehyba, S.**, Procházková, B., Engel, Z. (2018): Sedimentary evidence for an ice-sheet dammed lake in a mountain valley of the Eastern Sudetes, Czechia. *Acta Geologica Polonica*, 68, 1, 107–134. doi: 10.1515/agp-2017-0032

WoS: IF₂₀₁₇: 1,085; Q3 (27/47) in Geology; počet citací: 6

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: 19

Hurai, V., Huraiová, M., Gajdošová, M., Konečný, P., **Slobodník, M.**, Siegrid, P.R. (2018): Compositional variations of zirconolite from the Evate apatite deposit (Mozambique) as an indicator of magmatic-hydrothermal conditions during post-orogenic collapse of Gondwana. *Mineralogy and Petrology*, 112, 3, 279–296. doi: 10.1007/s00710-017-0538-7

WoS: IF₂₀₁₇: 1,664; Q3 (46/85) in *Geochemistry & Geophysics*; Q3 (17/29) in *Mineralogy*; počet citací: 9

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: 24

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: 4

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: 7

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: 5

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

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

Kasatkin, A.V., Nestola, F., Agakhanov, A.A., **Škoda, R.**, Karpenko, V.Y., Tsyganko, M.V., Plášil, J. (2018): Vorontsovite, (Hg₅Cu)₂₆TlAs₄S₁₂, and Ferrovorontsovite, (Fe₅Cu)₂₆TlAs₄S₁₂: The T.- and Tl-Fe-Analogues of Galkhaite from the Vorontsovskoe Gold Deposit, Northern Urals, Russia. *Minerals*, 8, 5, 185. doi: 10.3390/min8050185

WoS: IF₂₀₁₇: 1,835; **Q2** (7/20) in *Mining & Mineral Processing*; **Q2** (13/29) in *Mineralogy*; počet citací: 8

Kasatkin, A.V., Makovicky, E., Plášil, J., **Škoda, R.**, Agakhanov, A.A., Karpenko, V.Y., Nestola, F. (2018): Tsygankoite, Mn₈Tl₈Hg₂(Sb₂₁Pb₂Tl)₂₄S₄₈, 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: 2

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

WoS: IF₂₀₁₇: 1,128; Q3 (26/47) in Geology; počet citací: 6

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

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

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

WoS: IF₂₀₁₇: 0,945; Q4 (25/29) in Mineralogy; počet citací: 4

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

WoS: IF₂₀₁₇: 1,169; Q4 (147/190) in Geosciences, Multidisciplinary; počet citací: 0

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

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

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

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

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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: 1,744; Q3 (15/29) in Mineralogy; počet citací: 8

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

Petrík, J., Sosna, D., Prokeš, L., Štefanisko, D., Galeta, P. (2018): Shape matters: assessing regional variation of Bell Beaker projectile points in Central Europe using geometric morphometrics. *Archaeological and Anthropological Sciences*, 10, 4, 893–904. doi: 10.1007/s12520-016-0423-7

WoS: IF₂₀₁₇: 5,414; Q2 (69/190) in Geosciences, Multidisciplinary; počet citací: 12

Plášil, J., Petříček, V., Locock, A.J., **Škoda, R.,** Burns, P.C. (2018): The (3+3) commensurately modulated structure of the uranyl silicate mineral swamboite-(Nd), Nd_{0.333}[(UO₂)(SiO₃OH)](H₂O)_{2.41}. *Zeitschrift für Kristallographie-Crystalline Materials*, 233, 3–4, 223–231. doi: 10.1515/zkri-2017-2119

WoS: IF₂₀₁₇: 1,263; Q3 (18/26) in Crystallography; počet citací: 4

Plášil, J., Kampf, A.R., **Škoda, R.,** Čejka, J. (2018): Nollmotzite, Mg[U^V(U^{VI}O₂)₂O₄F₃] · 4H₂O, the first natural uranium oxide containing fluorine. *Acta Crystallographica Section B – Structural Science crystal Engineering and Materials*, B74, 362–369. doi: 10.1107/S2052520618007321

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

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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: 0

Pokorný, R., Koutecký, V., Björck, S., **Krmíček, L.**, Ártung, U.E., Štofík, M. (2018): Driftwood in the Eemian interglacial lacustrine unit from the Faroe Islands and its possible source areas: palaeobotanical and ichnological analysis. *Boreas*, 47, 4, 1230–1243. doi: 10.1111/bor.12332

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

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WoS: IF₂₀₁₇: 0,517; Q4 (95/106) in Marine & Freshwater Biology; počet citací: 4

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

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WoS: IF₂₀₁₇: 2,061; **Q2** (36/90) in Water Resources; počet citací: 0

Scribner, E.D., Groat, L.A., **Cempírek, J.** (2018): Mineralogy of Ti-bearing, Al-deficient tourmaline assemblages associated with lamprophyre dikes near the O'Grady Batholith, Northwest Territories, Canada. *Journal of Geosciences*, 63, 2, 123–135. doi: 10.3190/jgeosci.259

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

Sokol, L., **Melichar, R.**, Baroň, I. (2018): Present-day stress inversion from a single near-surface fault: A novel mathematical approach. *Journal of Structural Geology*, 117, 163–167. doi: 10.1016/j.jsg.2018.09.013

WoS: IF₂₀₁₇: 2,622; **Q2** (61/190) in Geosciences, Multidisciplinary; počet citací: 6

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: 14

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: 13

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

Šolcová, A., Petr, L., Hájková, P., **Petrík, J.**, Tóth, P., Rohovec, J., Bátora, J., Horsák, M. (2018): Early and middle Holocene ecosystem changes at the Western Carpathian/Pannonian border riven by climate and Neolithic impact. *Boreas*, 47, 3, 897–909. doi: 10.1111/bor.12309

WoS: IF₂₀₁₇: 2,638; **Q2** (21/49) in Geography, Physical; **Q2** (59/190) in Geosciences, Multidisciplinary; počet citací: 15

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WoS: IF₂₀₁₇: 1,744; **Q3** (15/29) in Mineralogy; počet citací: 5

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WoS: IF₂₀₁₇: 0,945; **Q4** (25/29) in Mineralogy; počet citací: 4

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WoS: IF₂₀₁₇: 3,857; **Q1** (4/29) in Mineralogy; **Q1** (14/85) in Geochemistry & Geophysics; počet citací: 19

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WoS: IF₂₀₁₇: 2,766; **Q1** (15/64) in Multidisciplinary Sciences; počet citací: 22

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: 16

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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: 8

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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: 0

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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: 8
- Bosi, F., Skogby, H., Ciriotti, M.E., **Gadas, P.**, **Novák, M.**, **Cempírek, J.**, **Všianský, D.**, Filip, J. (2017): Lucchesiite, $\text{CaFe}_3^{2+}\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$, a new mineral species of the tourmaline supergroup. *Mineralogical Magazine*, 81, 1, 1–14. doi: 10.1180/minmag.2016.080.067
WoS: IF₂₀₁₆: 1,285; **Q3** (15/29) in Mineralogy; počet citací: 16
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WoS: IF₂₀₁₆: 1,236; **Q3** (16/29) in Mineralogy; **Q3** (53/84) in Geochemistry & Geophysics; počet citací: 26
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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: 12
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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: 11
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WoS: IF₂₀₁₆: 0,609; Q4 (76/84) in Geochemistry & Geophysics; Q4 (25/29) in Mineralogy; počet citací: 3

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WoS: IF₂₀₁₆: 0,777; Q4 (45/54) in Paleontology; počet citací: 13

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: 9

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

Klus, J., Pořízka, P., Procházka, D., **Mikysek, P.**, Novotný, J., Novotný, K., **Slobodník, M.**, Kaiser, J. (2017): Application of self-organizing maps to the study of U-Zr-Ti-Nb distribution in sandstone-hosted uranium ores. *Spectrochimica Acta Part B: Atomic Spectroscopy*, 131, 66–73. doi: 10.1016/j.sab.2017.03.008

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WoS: IF₂₀₁₆: 2,373; **Q1** (10/47) in Geology; počet citací: 16

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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: 12

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WoS: IF₂₀₁₆: 2,640; **Q2** (30/85) in Meteorology & Atmospheric Sciences; počet citací: 15

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WoS: IF₂₀₁₆: 1,439; **Q3** (117/188) in Geosciences, Multidisciplinary; počet citací: 2

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WoS: IF₂₀₁₆: 2,283; **Q2** (71/188) in Geosciences, Multidisciplinary; počet citací: 11

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WoS: IF₂₀₁₆: 4,635; **Q1** (1/47) in Geology; počet citací: 4

Nehyba, S., Hanáček, M., Engel, Z., Stachoň, Z. (2017): Rise and fall of a small ice-dammed lake – role of deglaciation processes and morphology. *Geomorphology*, 295, 662–679. doi: 10.1016/j.geomorph.2017.08.019

WoS: IF₂₀₁₆: 2,958; **Q2** (14/49) in Geography, Physical; **Q1** (41/188) in Geosciences, Multidisciplinary; počet citací: 8

Nehyba, S., Opletal, V. (2017): Sedimentological study of the Nikolčice Formation – evidence of the Middle Jurassic transgression onto the Bohemian Massif (subsurface data). *Geological Quarterly*, 61, 1, 138–155. doi: 10.7306/gq.1335

WoS: IF₂₀₁₆: 1,129; **Q2** (22/47) in Geology; počet citací: 4

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WoS: IF₂₀₁₆: 3,932; **Q2** (16/48) in Evolutionary Biology; počet citací: 11

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

WoS: IF₂₀₁₆: neuvedeno; počet citací: 7

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

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

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

Novák, M., Prokop, J., Losos, Z., Macek, I. (2017): Tourmaline, an indicator of external Mg-contamination of granitic pegmatites from host serpentinite; examples from the Moldanubian Zone, Czech Republic. *Mineralogy and Petrology*, 111, 4, 625–641. doi: 10.1007/s00710-017-0512-4

WoS: IF₂₀₁₆: 1,236; **Q3** (16/29) in Mineralogy; **Q3** (53/84) in Geochemistry & Geophysics; počet citací: 10

Olds, T., Plášil, J., Kampf, A., **Škoda, R.,** Burns, P., Čejka, J., Bourgoin, V., Boulliard, J.-C. (2017): Gauthierite, KPb[(UO₂)₇O₅(OH)₇] · 8H₂O, 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: 11

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

WoS: IF₂₀₁₆: 0,609; Q4 (25/29) in Mineralogy; Q4 (76/84) in Geochemistry & Geophysics; počet citací: 5

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WoS: IF₂₀₁₆: 0,609; Q4 (25/29) in Mineralogy; Q4 (76/84) in Geochemistry & Geophysics; počet citací: 3

Plášil, J., Čejka, J., Sejkora, J., Hloušek, J., **Škoda, R., Novák, M.**, Dušek, M., Císařová, I., Němec, I., Ederová, J. (2017): Línkite, $\text{K}_2\text{Ca}_3[(\text{UO}_2)(\text{CO}_3)_3]_2 \cdot 8\text{H}_2\text{O}$, 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: 6

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

WoS: IF₂₀₁₆: 1,362; Q2 (14/29) in Mineralogy; počet citací: 11

Pokorný, R., Krmíček, L., Sudo, M. (2017): An endemic ichnoassemblage from a late Miocene paleolake in SE Iceland. *Palaeogeography Palaeoclimatology Palaeoecology*, 485, 761–773. doi: 10.1016/j.palaeo.2017.07.033

WoS: IF₂₀₁₆: 2,578; Q2 (18/49) in Geography, Physical; Q2 (53/188) in Geosciences, Multidisciplinary; Q1 (5/54) in Paleontology; počet citací: 9

Pokorný, R., Štofík, M. (2017): Evidence of bioerosive structures in Quaternary glaciomarine sediments from SW Iceland. *Ichnos*, 24, 3, 204–221. doi: 10.1080/10420940.2016.1260567

WoS: IF₂₀₁₆: 1,182; Q3 (31/54) in Paleontology; počet citací: 3

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: 31

Pracný, P., Faimon, J., Všíanský, D., Kabelka, L. (2017): Evolution of Mg/Ca ratios during limestone dissolution under epikarstic conditions. *Aquatic Geochemistry*, 23, 2, 119–139. doi: 10.1007/s10498-017-9313-y

WoS: IF₂₀₁₆: 1,982; Q2 (41/84) in Geochemistry & Geophysics; počet citací: 6

Scribner, E.D., Groat, L.A., **Cempírek, J.** (2017): Mineralogy of the Ash Mountain Sn-bearing skarn, Tuya Range, northern British Columbia, Canada. *Canadian Mineralogist*, 55, 2, 333–347. doi: 10.3749/canmin.1600064

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

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WoS: IF₂₀₁₆: 4,900; Q1 (22/229) in Environmental Sciences; počet citací: 19

Sedláková, I., Geršlová, E., Uhlík, P., Opletal, V. (2017): Mineralogical characteristics of upper Jurassic Mikulov Marls, the Czech Republic, in relation to their thermal maturity. *Chemie der Erde - Geochemistry*, 77, 1, 159–167. doi: 10.1016/j.chemer.2016.11.003

WoS: IF₂₀₁₆: 1,380; Q3 (48/84) in Geochemistry & Geophysics; počet citací: 2

Slaviček, K., Petřík, J., Žaža, P., Mitáš, V., Furmánek, V. (2017): Technological and provenance analyses of the south-eastern Urnfield culture pottery from the sites of Cinobaňa and Málinec (Poltár region, Slovakia). *Praehistorische Zeitschrift*, 92, 1, 162–175. doi: 10.1515/pz-2017-0007

WoS: IF₂₀₁₆: 0,344; Q4 (73/82) in Anthropology; počet citací: 1

Talla, D., Beran, A., **Škoda, R.**, **Losos, Z.** (2017): Polarized FTIR spectroscopic examination on hydroxylation in the minerals of the wolframite group, (Fe,Mn,Mg)[W,(Nb,Ta)]O₄(OH)₄. *American Mineralogist*, 102, 4, 867–875. doi: 10.2138/am-2017-5664

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

Tolokonnikova, Z., **Kalvoda, J.**, **Kumpan, T.** (2017): An early Tournaisian (Mississippian) bryozoan fauna from the Moravian Karst (Rhenohercynian Zone, Czech Republic). *Geobios*, 50, 4, 341–348. doi: 10.1016/j.geobios.2017.06.006

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

Vejrostová, L., **Lisá, L.**, Bajer, A., Pacina, J. (2017): Evaluation of human impact on valley bottom sedimentation in Highlands. Case study from Ceska Bela, Czechia. *Geografie*, 1. doi: neuvedeno

WoS: IF₂₀₁₆: 0,580; Q4 (67/79) in Geography; počet citací: 4

Výravský, J., **Novák, M.**, **Škoda, R.** (2017): Formation of pretulite (ScPO₄) by recrystallization of Sc-rich precursors in Dolní Bory pegmatite: Evidence for different mobility of Sc, Y, REE and Zr in hydrothermal conditions. *Chemical Geology*, 449, 30–40. doi: 10.1016/j.chemgeo.2016.11.031

WoS: IF₂₀₁₆: 3,347; Q1 (17/84) in Geochemistry & Geophysics; počet citací: 4

Weiner, T., **Kalvoda, J.**, **Kumpan, T.**, Schindler, E., Šimíček, D. (2017): An Integrated Stratigraphy of the Frasnian-Famennian Boundary Interval (Late Devonian) in the Moravian Karst (Czech Republic) and Kellerwald (Germany). *Bulletin of Geosciences*, 92, 2, 257–281. doi: 10.3140/bull.geosci.1636

WoS: IF₂₀₁₆: 1,175; Q3 (136/188) in Geosciences, Multidisciplinary; Q3 (32/54) in Paleontology; počet citací: 10

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: 7

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

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

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WoS: IF₂₀₁₅: 2,236; Q1 (8/47) in Geology; počet citací: 41

Benedová, Š., **Leichmann, J.** (2016): Experimental study of anisotropy of quartz dissolution and its role in fluid migration in rocks. *Acta Geodynamica et Geomaterialia*, 13, 2, 193–200. doi: 10.13168/AGG.2016.0001

WoS: IF₂₀₁₅: 0,561; Q4 (16/21) in Mining & Mineral Processing; Q4 (70/81) in Geochemistry & Geophysics; počet citací: 1

Brzobohatý, R., **Kalvoda, J.**, Frýda, J., Erban, V. (2016): Strontium isotope record of the Hygophum hygomi otoliths from the European middle Miocene. *Geobios*, 49, 5, 349–354. doi: 10.1016/j.geobios.2016.06.007

WoS: IF₂₀₁₅: 1,151; Q3 (33/54) in Paleontology; počet citací: 2

Buriánek, D., Dolníček, Z., **Novák, M.** (2016): Textural and compositional evidence for a polyphase saturation of tourmaline in granitic rocks from the Třebíč Pluton (Bohemian Massif). *Journal of Geosciences*, 61, 4, 309–334. doi: 10.3190/jgeosci.220

WoS: IF₂₀₁₅: 1,326; Q3 (16/29) in Mineralogy; Q3 (47/81) in Geochemistry & Geophysics; počet citací: 4

Cempírek, J., Grew, E.S., Kampf, A.R., Ma, C., **Novák, M.**, **Gadas, P.**, **Škoda, R.**, Vašinová Galiová, M., Pezzotta, F., Groat, L.A., Krivovichev, S.V. (2016): Vranaite, ideally Al₁₆S₄Si₄O₃₈, a new mineral related to

boralsilite, $\text{Al}_{16}\text{B}_6\text{Si}_2\text{O}_{37}$, 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: 16

Coletti, G., **Hrabovský, J.**, Basso, D. (2016): Lithothamnion crispatum: long-lasting species of non-geniculate coralline algae (Rhodophyta, Hapalidiales). *Carnets de Geologie*, 16, 3, 27–41. doi: neuvedeno

WoS: IF₂₀₁₅: 0,436; **Q4** (44/47) in Geology; **Q4** (53/54) in Paleontology; počet citací: 12

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

WoS: IF₂₀₁₅: 2,365; **Q1** (7/47) in Geology; počet citací: 8

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

WoS: IF₂₀₁₅: 1,636; **Q1** (21/84) in Anthropology; počet citací: 9

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

WoS: IF₂₀₁₅: 0,439; **Q4** (246/271) in Materials Science, Multidisciplinary; počet citací: 6

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: 10

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

WoS: IF₂₀₁₅: neuvedeno; počet citací: 8

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

WoS: IF₂₀₁₅: 8,743; **Q1** (2/184) in Geosciences, Multidisciplinary; počet citací: 21

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

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

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

WoS: IF₂₀₁₅: 1,682; **Q3** (22/43) in Spectroscopy; **Q3** (44/75) in Chemistry, Analytical; **Q3** (98/144) in Chemistry, Physical; počet citací: 8

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

WoS: IF₂₀₁₅: 1,585; **Q3** (141/271) in Materials Science, Multidisciplinary; **Q2** (13/29) in Mineralogy; počet citací: 15

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

WoS: IF₂₀₁₅: 0,862; **Q3** (21/29) in Mineralogy; počet citací: 8

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: 17

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

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

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

WoS: IF₂₀₁₅: 3,723; **Q1** (4/29) in Mineralogy; **Q1** (11/81) in Geochemistry & Geophysics; počet citací: 32

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

WoS: IF₂₀₁₅: 2,893; **Q1** (17/75) in Chemistry, Analytical; počet citací: 12

Hrabovský, J., Basso, D., **Doláková, N.** (2016): Diagnostic characters in fossil coralline algae (Corallinophycidae: Rhodophyta) from the Miocene of southern Moravia (Carpathian Foredeep, Czech Republic). *Journal of Systematic Palaeontology*, 14, 6, 499–525. doi: 10.1080/14772019.2015.1071501

WoS: IF₂₀₁₅: 3,143; **Q1** (2/54) in Paleontology; **Q2** (19/46) in Evolutionary Biology; počet citací: 26

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: 48

Kociánová, L., Melichar, R. (2016): OATools: An ArcMap add-in for the orientation analysis of geological structures. *Computers & Geosciences*, 87, 67–75. doi: 10.1016/j.cageo.2015.12.005

WoS: IF₂₀₁₅: 2,474; **Q2** (47/184) in Geosciences, Multidisciplinary; **Q1** (19/104) in Computer Science, Interdisciplinary Applications; počet citací: 11

Kotková, J., Whitehouse, M.J., Schaltegger, U., D'Abzac, F.-X. (2016): The fate of zircon during UHT-UHP metamorphism: isotopic (U/Pb, O-18, Hf) and trace element constraints. *Journal of Metamorphic Geology*, 34, 7, 719–739. doi: 10.1111/jmg.12206

WoS: IF₂₀₁₅: 3,673; **Q1** (3/47) in Geology; počet citací: 29

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WoS: IF₂₀₁₅: 3,294; **Q1** (28/184) in Geosciences, Multidisciplinary; **Q2** (26/88) in Energy & Fuels; počet citací: 4

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WoS: IF₂₀₁₅: 4,548; **Q1** (1/47) in Geology; počet citací: 23

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WoS: IF₂₀₁₅: 1,464; **Q3** (15/29) in Mineralogy; počet citací: 3

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WoS: IF₂₀₁₅: 1,326; Q3 (16/29) in Mineralogy; Q3 (47/81) in Geochemistry & Geophysics; počet citací: 1

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WoS: IF₂₀₁₅: 0,618; Q4 (168/184) in Geosciences, Multidisciplinary; počet citací: 6

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

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WoS: IF₂₀₁₅: 2,135; Q2 (22/49) in Geography, Physical; Q2 (64/184) in Geosciences, Multidisciplinary; počet citací: 10

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WoS: IF₂₀₁₅: 2,933; Q1 (1/27) in Materials Science, Ceramics; počet citací: 11

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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: 14

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

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WoS: IF₂₀₁₅: 2,813; **Q1** (12/49) in Geography, Physical; **Q1** (34/184) in Geosciences, Multidisciplinary; počet citací: 38

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WoS: IF₂₀₁₅: 2,212; **Q2** (8/29) in Mineralogy; počet citací: 11

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WoS: IF₂₀₁₅: 1,180; **Q3** (19/29) in Mineralogy; **Q3** (53/81) in Geochemistry & Geophysics; počet citací: 16

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WoS: IF₂₀₁₅: 1,690; **Q2** (17/47) in Geology; **Q2** (19/54) in Paleontology; počet citací: 5

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WoS: IF₂₀₁₄: 3,381; **Q1** (21/175) in Geosciences, Multidisciplinary; **Q2** (23/89) in Energy & Fuels; počet citací: 17

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- 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
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WoS: IF₂₀₁₄: 1,181; Q3 (17/28) in Mineralogy; počet citací: 8

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

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WoS: IF₂₀₁₄: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 18

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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: 6

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WoS: IF₂₀₁₄: 3,381; Q1 (21/175) in Geosciences, Multidisciplinary; Q2 (23/89) in Energy & Fuels; počet citací: 11

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

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

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WoS: IF₂₀₁₄: 2,026; **Q2** (8/28) in Mineralogy; počet citací: 17

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

Wojewoda, J., **Nehyba, S.**, Gilíková, H., **Buriánek, D.** (2015): Devonian siliciclastic rocks of the Babí lom (southern Moravia, Czech Republic): sedimentary environment reconstruction and provenance study. *Geological Quarterly*, 59, 1, 229–238. doi: 10.7306/gq.1205
WoS: IF₂₀₁₄: 1,000; Q3 (25/46) in Geology; počet citací: 3

Xie, L., Wang, R.-C., Groat, L.A., Zhu, J.-C., Huang, F.-F., **Cempírek, J.** (2015): A combined EMPA and LA-ICP-MS study of Li-bearing mica and Sn-Ti oxide minerals from the Qiguling topaz rhyolite (Qitianling District, China): The role of fluorine in origin of tin mineralization. *Ore Geology Reviews*, 65, 4, 779–792. doi: 10.1016/j.oregeorev.2014.08.013
WoS: IF₂₀₁₄: 3,558; **Q1** (3/46) in Geology; **Q1** (4/28) in Mineralogy; **Q1** (1/20) in Mining & Mineral Processing; počet citací: 40

Žáček, V., Rappich, V., Šíma, J., **Škoda, R.**, Laufek, F., Legesa, F. (2015): Kogarkoite, Na₃(SO₄)F, from the Shalo hot spring, Main Ethiopian Rift: implications for F-enrichment of thermal groundwater related to alkaline silicic volcanic rocks. *Journal of Geosciences*, 30, 3, 171–179. doi: 10.3190/jgeosci.195
WoS: IF₂₀₁₄: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 910

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

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WoS: IF₂₀₁₃: 0,308; Q4 (42/44) in Geology; počet citací: 12

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

WoS: IF₂₀₁₃: 2,265; **Q1** (12/124) in Engineering, Civil; **Q1** (62/251) in Materials Science, Multidisciplinary; **Q1** (7/58) in Construction & Building Technology; počet citací: 75

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

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

Čejka, J., Sejkora, J., **Macek, I.**, Frost, R.L., López, A. (2014): A vibrational spectroscopic study of a hydrated hydroxy-phosphate mineral fluellite, $\text{Al}_2(\text{PO}_4)\text{F}_2(\text{OH}) \cdot 7\text{H}_2\text{O}$. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 126, 157–163. doi: 10.1016/j.saa.2014.01.116

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

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

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

Doláková, N., Holcová K., **Nehyba, S.,** Hladilová, Š., **Brzobohatý, R.,** Zagoršek K., **Hrabovský, J.,** Seko, M., Utescher, T. (2014): The Badenian parastratotype at Židlochovice from the perspective of the multiproxy study. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen*, 271, 2, 169–201. doi: 10.1127/0077-7749/2014/0383

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

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

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

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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: 7

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WoS: IF₂₀₁₃: 2,741; **Q1** (4/44) in Geology; počet citací: 66

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, Hlučkov area, Czech Republic. *Annales Societatis Geologorum Poloniae*, 84, 3, 259–279. doi: neuvedeno

WoS: IF₂₀₁₃: 0,727; **Q3** (31/44) in Geology; počet citací: 11

Hönig, 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: 27

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

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

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

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

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

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

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WoS: IF₂₀₁₃: 2,059; Q2 (8/27) in Mineralogy; Q2 (33/80) in Geochemistry & Geophysics; počet citací: 17

Kumpan, T., Bábek, O., Kalvoda, J., Matys Grygar, T., Frýda, J. (2014): Sea-level and environmental changes around the Devonian–Carboniferous boundary in the Namur–Dinant Basin (S Belgium, NE France): A multiproxy stratigraphic analysis of carbonate ramp archives and its use in regional and interregional correlations. *Sedimentary Geology*, 311, 43–59. doi: 10.1016/j.sedge.2014.06.007

WoS: IF₂₀₁₃: 2,134; Q1 (11/44) in Geology; počet citací: 41

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: 46

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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: 42

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: 4

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

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

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

WoS: IF₂₀₁₃: 1,898; Q2 (9/27) in Mineralogy; počet citací: 12

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WoS: IF₂₀₁₃: 1,898; Q2 (9/27) in Mineralogy; počet citací: 3

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WoS: IF₂₀₁₃: 2,059; Q2 (8/27) in Mineralogy; Q2 (33/80) in Geochemistry & Geophysics; počet citací: 25

Plášil, J., Sejkora, J., Škoda, R., Škácha, P. (2014): The recent weathering of uraninite from the Cervena vein, Jáchymov (Czech Republic): a fingerprint of the primary mineralization geochemistry onto the alteration association. *Journal of Geosciences*, 59, 3, 223–253. doi: 10.3190/jgeosci.171

WoS: IF₂₀₁₃: 0,744; Q4 (140/174) in Mineralogy; počet citací: 13

Příkryl, J., Novák, M., Filip, J., Gadas, P., Vašinová Galiová, M. (2014): Iron plus magnesium-bearing beryl from granitic pegmatites: an EMPA, LA-ICP-MS, Mossbauer spectroscopy, and powder XRD study. *Canadian Mineralogist*, 52, 2, 271–284. doi: 10.3749/canmin.52.1.271

WoS: IF₂₀₁₃: 1,134; Q3 (17/27) in Mineralogy; počet citací: 12

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: 14

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WoS: IF₂₀₁₃: 0,571; Q4 (155/174) in Geosciences, Multidisciplinary; počet citací: 16

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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: 6

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: 11

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: 42

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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: 13

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: 38

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: 36

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: 33

Baroň, I., **Kernstocková, M.,** Faridi, M., Bubík, M., Milovský, R., **Melichar, R.,** Sabouri, J., Babůrek, J. (2013): Paleostress analysis of a gigantic gravitational mass movement in active tectonic setting: The Qoshadagh slope failure, Ahar, NW Iran. *Tectonophysics*, 605, 70–87. doi: 10.1016/j.tecto.2013.07.020

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

Cempírek, J., Houzar, S., **Novák, M.,** Groat, L.A., Selway, J.B., Šrein, V. (2013): Crystal structure and compositional evolution of vanadium-rich oxy-dravite from graphite quartzite at Bítovány, Czech Republic. *Journal of Geosciences*, 58, 149–162. doi: 10.3190/jgeosci.139

WoS: IF₂₀₁₂: 0,804; **Q4** (134/172) in Geosciences, Multidisciplinary; počet citací: 29

Čopjaková, R., Škoda, R., Vašinová Galiová, M., **Novák, M.** (2013): Distributions of Y + REE and Sc in tourmaline and their implications for the melt evolution; examples from NYF pegmatites of the Třebíč Pluton, Moldanubian Zone, Czech Republic. *Journal of Geosciences*, 58, 113–131. doi: 10.3190/jgeosci.138

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

Dill, H.G., **Škoda, R.,** Weber, B., Muller, A., Berner, Z.A., Wemmer, K., Balaban, S. (2013): Mineralogical and chemical composition of the Hagendorf-North Pegmatite, SE Germany - a monographic study. *Neues Jahrbuch für Mineralogie - Abhandlungen*, 190, 3, 281–318. doi: 10.1127/0077-7757/2013/0244

WoS: IF₂₀₁₂: 0,755; **Q4** (22/26) in Mineralogy; počet citací: 11

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WoS: IF₂₀₁₂: 1,344; **Q3** (93/172) in Geosciences, Multidisciplinary; počet citací: 27

Faměra, M., Bábek, O., Matys Grygar, T., Nováková, T. (2013): Distribution of heavy-metal contamination in regulated river-channel deposits: a magnetic susceptibility and grain-size approach; River Morava, Czech Republic. *Water, Air and Soil Pollution*, 224, 5, nestránkováno. doi: 10.1007/s11270-013-1525-1

WoS: IF₂₀₁₂: 1,748; **Q3** (106/210) in Environmental Sciences; **Q2** (37/74) in Meteorology & Atmospheric Sciences; **Q2** (27/80) in Water Resources; počet citací: 24

Fejfarová, K., Dušek, M., Plášil, J., Čejka, J., Sejkora, J., Škoda, R. (2013): Reinvestigation of the crystal structure of kasolite, $\text{Pb}[(\text{UO}_2)(\text{SiO}_4)](\text{H}_2\text{O})$, 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: 10

Gadas, P., Novák, M., Talla, D., Vašinová Galiová, M. (2013): Compositional evolution of grossular garnet from leucotonalitic pegmatite at Ruda nad Moravou, Czech Republic; a complex EMPA, LA-ICP-MS, IR and CL study. *Mineralogy and Petrology*, 107, 2, 311–326. doi: 10.1007/s00710-012-0232-8

WoS: IF₂₀₁₂: 1,681; Q2 (9/26) in Mineralogy; Q2 (34/76) in Geochemistry & Geophysics; počet citací: 13

Hanuláková, D., Zeman, J., Vašíček, R., Příkryl, R., Kuchovský, T. (2013): Determination of pore water composition during long term interaction of bentonite substrates with water media: Comparative study. *Applied Clay Science*, 80-81, 69–75. doi: 10.1016/j.clay.2013.06.006

WoS: IF₂₀₁₂: 2,342; Q2 (52/241) in Materials Science, Multidisciplinary; Q1 (5/26) in Mineralogy; Q2 (59/135) in Chemistry, Physical; počet citací: 6

Henry, D.J., Novák, M., Hawthorne, F.C., Ertl, A., Dutrow, B.L., Uher, P., Pezzotta, F. (2013): Nomenclature of the tourmaline-supergrupp minerals (vol 96, pg 895, 2011). *American Mineralogist*, 98, 2-3, 524. doi: 10.2138/am.2013.614

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

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

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

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

WoS: IF₂₀₁₂: 2,076; Q2 (85/210) in Environmental Sciences; Q2 (55/161) in Public, Environmental & Occupational Health; Q1 (18/80) in Water Resources; Q2 (17/42) in Engineering, Environmental; počet citací: 20

Lenz, Ch., Talla, D., Ruschel, K., Škoda, R., Goetze, J., Nasdala, L. (2013): Factors affecting the Nd^{3+} (REE^{3+}) 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: 37

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

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

Nejman, L., Wright, D., Lisá, L., Doláková, N., Horáček, I., Novák, J., Wood, R., Pacher, M., 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: 0

Novák, M., Ertl, A., Povondra, P., Vašinová Galiová, M., Rossman, G.R., Pristacz, H., Prem, M., Giester, G., Gadas, P., Škoda, R. (2013): Darrellhenryite, $\text{Na}(\text{LiAl}_2)\text{Al}_6(\text{BO}_3)_3\text{Si}_6\text{O}_{18}(\text{OH})_3\text{O}$, a new mineral from the tourmaline supergroup. *American Mineralogist*, 98, 1886–1892. doi: 10.2138/am.2013.4416

WoS: IF₂₀₁₂: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 18

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: 27

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, $\text{Ca}[\text{AsO}_2(\text{OH})_2]_2$, a new

mineral from Jáchymov, Czech Republic. *Mineralogical Magazine*, 2013, 77, 6, 2711–2724. doi: 10.1180/minmag.2013.077.6.02

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

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

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

Petrík, 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, Ca(UO₂)₂(Si₅O₁₂)(OH)₂ · 6H₂O. *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: 14

Plášil, J., Fejfarová, K., **Škoda, R.**, Dušek, M., Marty, J., Čejka, J. (2013): The crystal structure of magnesiozippeite, Mg[(UO₂)₂O₂(SO₄)](H₂O)_{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, U(AsO₃OH)₂ · 4H₂O, 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): Vysokýte, U⁴⁺[AsO₂(OH)₂]₄ · 4H₂O, 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, Na₅(UO₂)(SO₄)₃(SO₃OH)(H₂O), 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: 29

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, Fe(UO₂)(SO₄)₂(H₂O)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: 21

Talla, D., Wildner, M., Beran, A., **Škoda, R.**, **Losos, Z.** (2013): On the presence of hydrous defects in differently coloured wulfenites (PbMoO₄): 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: 30

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: 25

Vlačíky, 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: 18

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: 29

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Bačík, P., Uher, P., **Cempírek, J.**, Valucovič, T. (2012): Magnesian tourmalines from plagioklase-muscovite-scapolite metaevaporite leayers in dolomite marble near Prosetin (Olesnice Unit, Moravicum, Czech Republic). *Journal of Geosciences*, 57, 3, 143–153. doi: 10.3190/jgesoci.120

WoS: IF₂₀₁₁: 1,279; Q3 (89/170) in Geosciences, Multidisciplinary; počet citací: 17

Bermanec, V., Horvat, M., Gobac, Ž.Ž., Zebec, V., Scholz, R., **Škoda, R.**, Wegner, R., de Brito Barreto, S., Dódony, I. (2012): Pseudomorphs of low microcline after adularia fowlings from the Alto da Cabeça (Boqueirão) and Morro Redondo pegmatites, Brazil. *Canadian Mineralogist*, 50, 4, 975–987. doi: 10.3749/canmin.50.4.975

WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 3

Breiter, K., Svojtka, M., Ackerman, L., **Švecová, K.** (2012): Trace element composition of quartz from the Variscan Teplice caldera (Krušné hory/Erzgebirge Mts., Czech Republic/Germany): Insights into the volcano-plutonic complex evolution. *Chemical Geology*, 326–327, 36–50. doi: 10.1016/j.chemgeo.2012.07.028

WoS: IF₂₀₁₁: 3,518; **Q1** (7/76) in Geochemistry & Geophysics; počet citací: 54

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: 26

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: 173

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: 15

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: 12

Faimon, J., Ličbinská, M., Zajíček, P., **Srček, 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: 30

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: 55

Faimon, J., Ličbinská, M., Zajíček, P. (2012): Relationship between carbon dioxide in Balcarka Cave and adjacent soils in the Moravian Karst region of the Czech Republic. *International Journal of Speleology*, 41, 1, 17–28. doi: 10.5038/1827-806X.41.1.3

WoS: IF₂₀₁₁: 2,000; **Q2** (48/170) in Geosciences, Multidisciplinary; počet citací: 31

Fejfarová, K., **Plášil, J.**, Yang, H., Čejka, J., Dušek, M., Downs, R.T., Barkley, M.C., **Škoda, R.** (2012): Revision of the crystal structure and chemical formula of weeksite, K₂(UO₂)₂(Si₅O₁₃) · 4H₂O. *American Mineralogist*, 97, 750–754. doi: 10.2138/am.2012.4025

WoS: IF₂₀₁₁: 2,169; **Q1** (6/26) in Mineralogy; **Q2** (26/76) in Geochemistry & Geophysics; počet citací: 8

Filip, J., 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: 59

Gadas, P., Novák, M., Staněk, J., Filip, J., Vašinová Galiová, M. (2012): Compositional evolution of zoned tourmaline crystals from pockets in common pegmatites, the Moldanubian Zone, Czech Republic. *Canadian Mineralogist*, 50, 4, 895–912. doi: 10.3749/canmin.50.4.895

WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 27

Galliski, M.Á., London, D., **Novák, M.**, Martin, R.F. (2012): Granitic pegmatites and their minerals: a tribute to Petr Černý preface. *Canadian Mineralogist*, 50, 4, 777–780. doi: 10.3749/canmin.50.4.777

WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 0

Galliski, M.Á., London, D., **Novák, M.**, Martin, R.F. (2012): Granitic pegmatites and their minerals: a second tribute to Petr Černý preface. *Canadian Mineralogist*, 50, 6, 1441–1444. doi: 10.3749/canmin.50.6.1441

WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 0

Galliski, M.Á., Márquez-Zavalía, M.F., Lira, R., Cempírek, J., **Škoda, R.** (2012): Mineralogy and origin of the dumortierite-bearing pegmatites of Virorco, San Luis, Argentina. *Canadian Mineralogist*, 50, 4, 873–894. doi: 10.3749/canmin.50.4.873

WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 17

Kalvoda, J., Bábek, O., Aretz, M., Cossey, P., Devuyst, F.X., Hargreaves, S., Nudds, J. (2012): High resolution biostratigraphy of the Tournaisian-Viséan boundary interval in the North Staffordshire Basin and correlation with the South Wales-Mendip Shelf. *Bulletin of Geosciences*, 87, 3, 497–541. doi: 10.3140/bull.geosci.1338

WoS: IF₂₀₁₁: 1,099; Q3 (102/170) in Geosciences, Multidisciplinary; **Q2** (24/49) in Paleontology; počet citací: 4

Kropáč, K., **Buriánek, D.,** Zimák, J. (2012): Origin and metamorphic evolution of Fe-Mn-rich garnetites (cotecules) in the Desná Unit (Silesicum, NE Bohemian Massif). *Chemie der Erde - Geochemistry*, 72, 3, 219–236. doi: 10.1016/j.chemer.2011.11.002

WoS: IF₂₀₁₁: 1,447; Q3 (39/76) in Geochemistry & Geophysics; počet citací: 3

Kučera, J., **Zeman, J.,** Mandl, M., Černá H. (2012): Stoichiometry of bacterial anaerobic oxidation of elemental sulfur by ferric iron. *Antonie van Leeuwenhoek International Journal of General and Molecular Microbiology*, 101, 4, 919–922. doi: 10.1007/s10482-012-9699-x

WoS: IF₂₀₁₁: 2,091; Q4 (98/125) in Microbiology; počet citací: 11

Majzlan, J., Drahota, P., Filippi, M., Grevel, K.-D., Kahl, W.-A., **Plášil, J.,** Boerio-Goates, J., Woodfield, B.F. (2012): Thermodynamic properties of scorodite and parascorodite (FeAsO₄ · 2H₂O), kaňkite (FeAsO₄ · 3.5H₂O), and FeAsO₄. *Hydrometallurgy*, 117–118, 47–56. doi: 10.1016/j.hydromet.2012.02.002

WoS: IF₂₀₁₁: 2,027; **Q1** (5/75) in Metallurgy & Metallurgical Engineering; počet citací: 56

Majzlan, J., Lazic, B., Armbruster, T., Johnson, M.B., White, M.A., Fisher, R.A., **Plášil, J., Loun, J., Škoda, R., Novák, M.** (2012): Crystal structure, thermodynamic properties, and paragenesis of bukovskýite, Fe₂(AsO₄)(SO₄)(OH) · 9H₂O. *Journal of Mineralogical and Petrological Sciences*, 107, 3, 133–148. doi: 10.2465/jmps.110930

WoS: IF₂₀₁₁: 0,607; Q4 (23/26) in Mineralogy; počet citací: 24

Matys Grygar, T., **Sedláček, J., Bábek, O.,** Nováková, T., Strnad, L., Mihaljevič, M. (2012): Regional contamination of Moravia (South-Eastern Czech Republic): Temporal shift of Pb and Zn loading in fluvial sediments. *Water Air and Soil Pollution* 223, 2, 739–753. doi: 10.1007/s11270-011-0898-2

WoS: IF₂₀₁₁: 1,625; **Q2** (101/205) in Environmental Sciences; Q3 (37/71) in Meteorology & Atmospheric Sciences; **Q2** (24/78) in Water Resources; počet citací: 34

Melleton, J., Gloaguen, E., Frei, D., **Novák, M., Breiter, K.** (2012): How are the emplacement of rare-element pegmatites, regional metamorphism and magmatism interrelated in the Moldanubian Domain of Variscan Bohemian Massif, Czech Republic? *Canadian Mineralogist*, 50, 6, 1751–1773. doi: 10.3749/canmin.50.6.1751

WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 61

Nehyba, S., Roetzel, R., Maštera, L. (2012): Provenance analysis of the Permo-Carboniferous fluvial sandstones of the southern part of the Boskovice Basin and the Zöbing Area (Czech Republic, Austria): implication for paleogeographical reconstructions of the post-Variscan collapse basins. *Geologica Carpathica*, 63, 5, 365–382. doi: 10.2478/v10096-012-0029-z

WoS: IF₂₀₁₁: 0,787; Q4 (132/170) in Geosciences, Multidisciplinary; počet citací: 13

Nerudová, Z., Neruda, P., **Přichystal, A.** (2012): A unique raw material from Early Upper Palaeolithic layers in the Pod hradem Cave (Moravian Karst, Czech Republic) – interpretative problems. *Anthropologie*, 50, 4, 463–474. doi: neuvedeno

WoS: IF₂₀₁₁: 0,690; **Q2** (35/81) in Anthropology; počet citací: 1

Novák, M., Škoda, R., Gadas, P., Krmíček, L., Černý, P. (2012): Contrasting origins of the mixed signature in granitic pegmatites; examples from the Moldanubian Zone, Czech Republic. *Canadian Mineralogist*, 50, 4, 1077–1094. doi: 10.3749/canmin.50.4.1077

WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 51

Plášil, J., Fejfarová, K., Skála, R., **Škoda, R.,** Meisser, N., Hloušek, J., Císařová, I., Dušek, M., Veselovský, F., Čejka, J., Sejkora, J., Ondruš, P. (2012): The crystal chemistry of the uranyl carbonate mineral grimselite,

(K,Na)₃Na[(UO₂)(CO₃)₃](H₂O), from Jáchymov, Czech Republic. *Mineralogical Magazine*, 76, 446–453. doi: 10.1180/minmag.2012.076.3.01

WoS: IF₂₀₁₁: 1,321; **Q2** (12/26) in Mineralogy; počet citací: 6

Plášil, J., Fejfarová, K., Wallwork, K.S., Dušek, M., **Škoda, R.**, Sejkora, J., Čejka, J., Veselovský, F., Hloušek, J., Meisser, N., Brugger, J. (2012): Crystal structure of pseudojohannite, with a revised formula, Cu₃(OH)₂[(UO₂)₄O₄(SO₄)₂](H₂O)₁₂. *American Mineralogist*, 97, 1796–1803. doi: 10.2138/am.2012.4127

WoS: IF₂₀₁₁: 2,169; **Q1** (6/26) in Mineralogy; **Q2** (26/76) in Geochemistry & Geophysics; počet citací: 21

Plášil, J., Hauser, J., Petříček, V., Meisser, N., Mills, S.J., **Škoda, R.**, Fejfarová, K., Čejka, J., Sejkora, J., Hloušek, J., Johannet, J.-M., Machovič, V., Lapčák, L. (2012): Crystal structure and formula revision of deliensite, Fe[(UO₂)₂(SO₄)₂(OH)₂](H₂O)₇. *Mineralogical Magazine*, 76, 2837–2860. doi: 10.1180/minmag.2012.076.7.14

WoS: IF₂₀₁₁: 1,321; **Q2** (12/26) in Mineralogy; počet citací: 22

Plášil, J., Hloušek, J., Veselovský, F., Fejfarová, K., Dušek, M., **Škoda, R.**, Novák, M., Čejka, J., Ondruš, P. (2012): Adolfpateraite, K[(UO₂)(SO₄)(OH)(H₂O)], a new uranyl sulphate mineral from Jáchymov, Czech Republic. *American Mineralogist*, 97, 2-3, 447–454. doi: 10.2138/am.2012.3976

WoS: IF₂₀₁₁: 2,169; **Q1** (6/26) in Mineralogy; **Q2** (26/76) in Geochemistry & Geophysics; počet citací: 31

Rak, Š., **Kalvoda, J.**, Devuyst, F.X. (2012): New Mississippian trilobite association from the Brno vicinity. *Geologica Carpathica*, 63, 3, 189–190. doi: 10.2478/v10096-012-0015-5

WoS: IF₂₀₁₁: 0,787; **Q4** (132/170) in Geosciences, Multidisciplinary; počet citací: 5

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WoS: IF₂₀₁₁: 1,278; **Q3** (14/26) in Mineralogy; **Q3** (46/76) in Geochemistry & Geophysics; počet citací: 64

Slobodník, M., **Melichar R.**, Hurai V., Bakker R. (2012): Litho-stratigraphic effect on Variscan fluid flow within the Prague synform, Barrandian: Evidence based on C, O, Sr isotopes and fluid inclusions. *Marine and Petroleum Geology*, 35, 128–138. doi: 10.1016/j.marpetgeo.2012.01.003

WoS: IF₂₀₁₁: 2,104; **Q2** (44/170) in Geosciences, Multidisciplinary; počet citací: 7

Svoboda, J., **Hladilová, Š.**, **Ivanov, M.**, Sázellová, S. (2012): Mladeč is not a dead site. Supplementary evidence from the 2009–2011 survey. *Anthropologie*, XLIX, 2, 109–115. doi: neuvedeno

WoS: IF₂₀₁₁: 0,690; **Q2** (35/81) in Anthropology; počet citací: 0

Šimíček, D., **Bábek, O.**, **Leichmann, J.** (2012): Outcrop gamma-ray logging of siliciclastic turbidites: Separating the detrital provenance signal from facies in the foreland-basin turbidites of the Moravo-Silesian basin, Czech Republic. *Sedimentary Geology*, 261, 50–64. doi: 10.1016/j.sedgeo.2012.03.003

WoS: IF₂₀₁₁: 1,537; **Q2** (13/47) in Geology; počet citací: 25

Škoda, R., Cempírek, J., Filip, J., **Novák, M.**, Veselovský, F., Čtvrtlík, R. (2012): Allanite-(Nd), CaNdAl₂Fe²⁺(SiO₄)(Si₂O₇)O(OH), a new mineral from Åskagen, Sweden. *American Mineralogist*, 97, 5-6, 983–988. doi: 10.2138/am.2012.3936

WoS: IF₂₀₁₁: 2,169; **Q1** (6/26) in Mineralogy; **Q2** (26/76) in Geochemistry & Geophysics; počet citací: 14

Šťastná, A., Sachlová, S., Pertold, Z., Příkryl, R., **Leichmann, J.** (2012): Cathodoluminescence microscopy and petrographic image analysis of aggregates in concrete pavements affected by alkali-silica reaction. *Materials Characterization*, 65, 115–125. doi: 10.1016/j.matchar.2012.01.008

WoS: IF₂₀₁₁: 1,572; **Q1** (3/32) in Materials Science, Characterization & Testing; počet citací: 9

Zágoršek, K., **Nehyba, S.**, Petrova-Tomanova, P., Hladilová, Š., Bitner, M.A., **Doláková, N.**, **Hrabovský, J.**, Jašková, V. (2012): Local catastrophe caused by tephra input near Premyslovice (Moravia, Czech Republic) during the Middle Miocene. *Geological Quarterly*, 56, 2, 269–283. doi: 10.7306/gq.1021

WoS: IF₂₀₁₁: 0,844; **Q3** (27/47) in Geology; počet citací: 19

2011 (celkem 32 článků, 24 studentů spoluautorů – červeně)

Bábek, O., Faměra, M., Hilscherová, K., **Kalvoda, J.,** Dobrovolný, P., **Sedláček, J.,** Machát, J., Holoubek, I. (2011): Geochemical traces of flood layers in the fluvial sedimentary archive; implications for contamination history analyses. *Catena*, 87, 2, 281–290. doi: 10.1016/j.catena.2011.06.014

WoS: IF₂₀₁₀: 1,893; **Q2** (12/32) in Soil Science; **Q1** (13/76) in Water Resources; **Q2** (55/167) in Geosciences, Multidisciplinary; počet citací: 43

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WoS: IF₂₀₁₀: 4,567; **Q1** (2/42) in Geography, Physical; **Q1** (6/167) in Geosciences, Multidisciplinary; počet citací: 38

Čopjaková, R., Novák, M., Franců, E. (2011): Formation of authigenic monazite-(Ce) to monazite-(Nd) from Upper Carboniferous greywackes of the Drahany Upland: roles of the chemical composition of host rock and burial temperature. *Lithos*, 127, 373–385. doi: 10.1016/j.lithos.2011.08.001

WoS: IF₂₀₁₀: 3,121; **Q1** (3/27) in Mineralogy; **Q1** (13/77) in Geochemistry & Geophysics; počet citací: 33

Henry, D., **Novák, M.,** Hawthorne, F.C., Ertl, A., Dutrow, B., Uher, P., Pezzotta, F. (2011): Nomenclature of the tourmaline supergroup-minerals. *American Mineralogist*, 96, 895–913. doi: 10.2138/am.2011.3636

WoS: IF₂₀₁₀: 2,026; **Q2** (7/27) in Mineralogy; **Q2** (27/77) in Geochemistry & Geophysics; počet citací: 428

Holá, M., **Kalvoda, J.,** Nováková, H., **Škoda, R.,** Kanický, V. (2011): Possibilities of LA-ICP-MS technique for the spatial elemental analysis of the recent fish scales: Line scan vs. depth profiling. *Applied Surface Science*, 257, 6, 1932–1940. doi: 10.1016/j.apsusc.2010.09.029

WoS: IF₂₀₁₀: 1,795; **Q2** (7/18) in Materials Science, Coatings & Films; **Q2** (41/118) in Physics, Applied; **Q2** (26/68) in Physics, Condensed Matter; **Q3** (75/127) in Chemistry, Physical; počet citací: 27

Chudík, P., Uher, P., **Gadas, P., Škoda, R.,** Pršek, J., (2011): Niobium-tantalum oxide minerals in the Jezuitské Lesy granitic pegmatite, Bratislava Massif, Slovakia: Ta to Nb and Fe to Mn evolutionary trends in a narrow Be,Cs-rich and Li,B-poor dike. *Mineralogy and Petrology*, 102, 1-4, 15–27. doi: 10.1007/s00710-011-0163-9

WoS: IF₂₀₁₀: 1,287; **Q3** (15/27) in Mineralogy; **Q3** (40/77) in Geochemistry & Geophysics; počet citací: 18

Ivanov, M., Böhme, M. (2011): Snakes from Griesbeckerzell (Langhian, Early Badenian), North Alpine Foreland Basin (Germany), with comments on the evolution of snake faunas in Central Europe during the Miocene Climatic Optimum. *Geodiversitas*, 33, 3, 411–449. doi: 10.5252/g2011n3a2

WoS: IF₂₀₁₀: 0,986; **Q3** (30/48) in Paleontology; počet citací: 26

Kalvoda, J., Bábek, O., Devuyst, F.X., Sevastopulo, G. (2011): Biostratigraphy, sequence stratigraphy and gamma-ray spectrometry of the Tournaisian-Visean boundary interval in the Dublin Basin. *Bulletin of Geosciences*, 86, 4, 683–706. doi: 10.3140/bull.geosci.1265

WoS: IF₂₀₁₀: 1,202; **Q2** (24/48) in Paleontology; **Q3** (88/167) in Geosciences, Multidisciplinary; počet citací: 10

Kocourková, E., Sracek, O., Houzar, S., Cempírek, J., **Losos, Z.,** Filip, J., Hršelová, P. (2011): Geochemical and mineralogical control on the mobility of arsenic in waste rock pile at Dlouhá Ves, Czech Republic. *Journal of Geochemical Exploration*, 110, 61–73. doi: 10.1016/j.gexplo.2011.02.009

WoS: IF₂₀₁₀: 2,125; **Q2** (24/77) in Geochemistry & Geophysics; počet citací: 37

Kotková, J., O'Brien, P., Ziemann, M. (2011): Diamond and coesite discovered in Saxony-type granulite: Solution to the Variscan garnet peridotite enigma. *Geology*, 39, 7, 667–670. doi: 10.1130/G31971.1

WoS: IF₂₀₁₀: 4,026; **Q1** (1/48) in Geology; počet citací: 118

Kováčová, M., **Doláková, N.,** Kováč, M. (2011): Miocene vegetation pattern and climate change in the Northwestern Central Paratethys domain (Czech and Slovak Republic). *Geologica Carpathica*, 62, 3, 251–266. doi: 10.2478/v10096-011-0020-0

WoS: IF₂₀₁₀: 0,909; **Q3** (115/167) in Geosciences, Multidisciplinary; počet citací: 26

Krmíček, L., Cempírek, J., Havlín, A., **Přichystal, A.,** Houzar, S., Krmíčková, M., **Gadas, P.** (2011): Mineralogy and petrogenesis of a Ba-Ti-Zr-rich peralkaline dyke from Šebkovice (Czech Republic): Recognition of the most lamproitic Variscan intrusion. *Lithos*, 121, 74–86. doi: 10.1016/j.lithos.2010.10.005

WoS: IF₂₀₁₀: 3,121; **Q1** (3/27) in Mineralogy; **Q1** (13/77) in Geochemistry & Geophysics; počet citací: 58

Kynický, J., Chakhmouradian, A.R., Xu, C., **Krmíček, L.**, Vašinová Galiová, M. (2011): Distribution and evolution of zirkonium mineralization in peralkaline granites and associated pegmatites of the Khan Bogd Complex, southern Mongolia. *Canadian Mineralogist*, 49, 4, 947–965. doi: 10.3749/canmin.49.4.947

WoS: IF₂₀₁₀: 1,289; **Q3** (14/27) in Mineralogy; počet citací: 44

Loun, J., Čejka, J., Sejkora, J., **Plášil, J.**, Novák, M., Frost, R.L., Palmer, S.J., Keeffe, E.C. (2011): A Raman spectroscopic study of bukovskýite $\text{Fe}_2(\text{AsO}_4)(\text{SO}_4)(\text{OH}) \cdot 7\text{H}_2\text{O}$, a mineral phase with a significant role in arsenic migration. *Journal of Raman Spectroscopy*, 42, 1596–1600. doi: 10.1002/jrs.2900

WoS: IF₂₀₁₀: 3,137; **Q1** (9/42) in Spectroscopy; počet citací: 11

Mills, S.J., Kampf, A.R., Sejkora, J., Adams, P.M., Birch, W.D., **Plášil, J.** (2011): Iangreyite: a new secondary phosphate mineral closely related to perhamite. *Mineralogical Magazine*, 75, 2, 327–336. doi: 10.1180/minmag.2011.075.2.327

WoS: IF₂₀₁₀: 0,949; **Q3** (20/27) in Mineralogy; počet citací: 14

Mrázová, Š., **Gadas, P.** (2011): Obsidian balls (marekanite) from Cerro Tijerina, central Nicaragua: petrographic investigations. *Journal of Geosciences*, 56, 43–49. doi: 10.3190/jgeosci.086

WoS: IF₂₀₁₀: 1,026; **Q3** (106/167) in Geosciences, Multidisciplinary; počet citací: 6

Nehyba, S., Nývlt, D., Schadke, U., Kirchner, G., Franců, E. (2011): Depositional rates and dating techniques of modern deposits in the Brno reservoir (Czech Republic) during the last 70 years. *Journal of Paleolimnology*, 45, 1, 41–55. doi: 10.1007/s10933-010-9478-5

WoS: IF₂₀₁₂: 2,676; **Q1** (3/18) in Limnology; **Q1** (44/193) in Environmental Sciences; **Q1** (24/167) in Geosciences, Multidisciplinary; počet citací: 22

Nehyba, S., Roetzel, R. (2011): Fluvial deposits of the St. Marein Freischling Formation insights into initial depositional processes on the distal external margin of the Alpine Carpathian Foredeep in Lower Austria. *Austrian Journal of Earth Sciences*, 100, 2, 50–80. doi: neuvedeno

WoS: IF₂₀₁₀: 0,400; **Q4** (150/167) in Geosciences, Multidisciplinary; počet citací: 12

Novák, M., **Gadas, P.**, Filip, J., Vaculovič, T., **Přikryl, J.**, **Fojt, B.** (2011): Blue, complexly zoned, (Na,Mg,Fe,Li)-rich beryl from quartz-calcite veins in low-grade metamorphosed Fe-deposit Skály near Rýmařov, Czech Republic. *Mineralogy and Petrology*, 102, 3–14. doi: 10.1007/s00710-011-0157-7

WoS: IF₂₀₁₀: 1,287; **Q3** (15/27) in Mineralogy; **Q3** (40/77) in Geochemistry & Geophysics; počet citací: 9

Novák, M., Škoda, R., Filip, J., **Macek, I.**, Vaculovič, T. (2011): Compositional trends in tourmaline from the intragranitic NYF pegmatites of the Třebíč Pluton, Czech Republic; electron microprobe, LA-ICP-MS and Mössbauer study. *Canadian Mineralogist*, 49, 359–380. doi: 10.3749/canmin.49.1.359

WoS: IF₂₀₁₀: 1,289; **Q3** (14/27) in Mineralogy; počet citací: 75

Plášil, J., Dušek, M., **Novák, M.**, Čejka, J., Císařová, I., **Škoda, R.** (2011): Sejkoraite-(Y), a new member of the zippeite group containing trivalent cations from Jáchymov (St. Joachimsthal), Czech Republic: description and crystal structure refinement. *American Mineralogist*, 96, 983–991. doi: 10.2138/am.2011.3713

WoS: IF₂₀₁₀: 2,026; **Q2** (7/27) in Mineralogy; **Q2** (27/77) in Geochemistry & Geophysics; počet citací: 38

Plášil, J., Fejfarová, K., **Novák, M.**, Dušek, M., **Škoda, R.**, Hloušek, J., Čejka, J., Majzlan, J., Sejkora, J., Machovič, V., **Talla, D.** (2011): Běhounekite, $\text{U}(\text{SO}_4)_2(\text{H}_2\text{O})_4$, from Jáchymov (St. Joachimsthal), Czech Republic – the first U^{4+} sulphate known from nature. *Mineralogical Magazine*, 75, 2739–2753. doi: 10.1180/minmag.2011.075.6.2739

WoS: IF₂₀₁₀: 0,949; **Q3** (20/27) in Mineralogy; počet citací: 16

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WoS: IF₂₀₁₀: 1,289; **Q3** (14/27) in Mineralogy; počet citací: 24

René, M., **Škoda, R.** (2011): Nb-Ta-Ti oxides fractionation in rare-metal granites: Krásno-Horní Slavkov ore district, Czech Republic. *Mineralogy and Petrology*, 103, 1–4, 37–48. doi: 10.1007/s00710-011-0152-z

WoS: IF₂₀₁₀: 1,287; Q3 (15/27) in Mineralogy; Q3 (40/77) in Geochemistry & Geophysics; počet citací: 26

Sejkora, J., **Plášil, J.**, Císařová, I., Škoda, R., Hloušek, J., Veselovský, F., Jebavá, I. (2011): Interesting supergene Pb-rich mineral association from the Rovnost mining field, Jáchymov (St. Joachimsthal), Czech Republic. *Journal of Geosciences*, 56, 257–271. doi: 10.3190/jgeosci.100

WoS: IF₂₀₁₀: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 9

Sejkora, J., Makovický, E., Topa, D., Putz, H., Zagler, G., **Plášil, J.** (2011): Litochlebite, Ag₂PbBi₄Se₈, a new selenide mineral species from Zálesí, Czech Republic: description and crystal-structure. *Canadian Mineralogist*, 49, 2, 639–650. doi: 10.3749/canmin.49.2.639

WoS: IF₂₀₁₀: 1,289; Q3 (14/27) in Mineralogy; počet citací: 9

Sejkora, J., Ozdín, D., Lufek, F., **Plášil, J.**, Litochleb, J. (2011): Marruccite, a rare Hg sulfosalt from the Gelnica ore deposit (Slovak Republic), and its comparison with the type occurrence at Bucca della Vena mine (Italy). *Journal of Geosciences*, 56, 4, 399–408. doi: 10.3190/jgeosci.107

WoS: IF₂₀₁₀: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 6

Sejkora, J., **Plášil, J.**, Veselovský, F., Císařová, I., Hloušek, J. (2011): Ondrušite, CaCu₄(AsO₄)₂(AsO₃OH)₂ · 10H₂O, a new mineral species from the Jáchymov ore district, Czech Republic: description and crystal-structure determination. *Canadian Mineralogist*, 49, 3, 885–897. doi: 10.3749/canmin.49.3.885

WoS: IF₂₀₁₀: 1,289; Q3 (14/27) in Mineralogy; počet citací: 12

Sejkora, J., **Plášil, J.**, Filip, J. (2011): Plimerite from Krásno near Horní Slavkov ore district, Czech Republic. *Journal of Geosciences*, 56, 2, 215–229. doi: 10.3190/jgeosci.092

WoS: IF₂₀₁₀: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 12

Svoboda, J., Bocheňski, Z. M., Čulíková, V., Dohnalová, A., **Hladilová, Š.**, Hložek, M., Horáček, I., **Ivanov, M.**, Králík, M., Novák, M., Pryor, A. J. E., Sázelová, S., Stevens, R. E., Wilczyński, J., Wojtal, P. (2011): Paleolithic Hunting in a Southern Moravian Landscape: The Case of Milovice IV, Czech Republic. *Geoarchaeology-An International Journal*, 26, 6, 838–866. doi: 10.1002/gea.20375

WoS: IF₂₀₁₀: 0,886; Q3 (117/167) in Geosciences, Multidisciplinary; počet citací: 30

Škoda, R., **Novák, M.**, Cicha, J. (2011): Uranium–niobium-rich alteration products after “písekite”, an intimate mixture of Y,REE,Nb,Ta,Ti-oxide minerals from the Obrázek I pegmatite, Písek, Czech Republic. *Journal of Geosciences*, 56, 317–325. doi: 10.3190/jgeosci.101

WoS: IF₂₀₁₀: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 8

Talla, D., Beran, A., Škoda, R., Losos, Z. (2011): On the presence of OH defects in the zircon-type phosphate mineral xenotime, (Y,REE) PO₄. *American Mineralogist*, 96, 1799–1808. doi: 10.2138/am.2011.3757

WoS: IF₂₀₁₀: 2,026; Q2 (7/27) in Mineralogy; Q2 (27/77) in Geochemistry & Geophysics; počet citací: 14

2010 (celkem 39 článků, 15 studentů spoluautorů – červeně)

Bábek, O., Kalvoda, J., Aretz, M., Cossey, P., Devuyt, F.X., Herbig, H-G., Sevastopulo, G. (2010): The correlation potential of magnetic susceptibility and outcrop gamma-ray logs at Tourhnaian-Visean boundary sections in Western Europe. *Geologica Belgica*, 13, 4, 291–308. doi: neuvedeno

WoS: IF₂₀₀₉: 0,655; Q3 (30/49) in Geology; počet citací: 27

Beran, A., **Talla, D.**, Losos, Z., Pinkas, J. (2010): Traces of structural H₂O molecules in baryte. *Physics and Chemistry of Minerals*, 37, 3, 159–166. doi: 10.1007/s00269-009-0320-4

WoS: IF₂₀₀₉: 1,597; Q2 (74/214) in Materials Science, Multidisciplinary; Q2 (7/27) in Mineralogy; počet citací: 7

Bláha, L., Hilscherová, K., Čáp, T., Klánová, J., Machát, J., **Zeman, J.**, Holoubek, I. (2010): Kinetic bacterial bioluminescence assay for the contact sediment toxicity testing - relationships with the matrix composition and contamination. *Environmental Toxicology and Chemistry*, 29, 3, 507–514. doi: 10.1002/etc.81

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

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WoS: IF₂₀₀₉: 1,859; **Q1** (6/27) in Mineralogy; **Q2** (24/75) in Geochemistry & Geophysics; počet citací: 24

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WoS: IF₂₀₀₉: 1,290; **Q2** (13/27) in Mineralogy; počet citací: 12

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WoS: IF₂₀₀₉: 1,847; **Q2** (46/155) in Geosciences, Multidisciplinary; počet citací: 13

Dolníček, Z., **Urubek, T.**, Kropáč, K. (2010): Post-magmatic hydrothermal mineralization associated with Cretaceous picraite (Outer Western Carpathians, Czech Republic): interaction between host rock and externally derived fluid. *Geologica Carpathica*, 61, 4, 327–339. doi: 10.2478/v10096-010-0019-y

WoS: IF₂₀₀₉: 0,963; **Q3** (104/155) in Geosciences, Multidisciplinary; počet citací: 11

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WoS: IF₂₀₀₉: 0,590; **Q4** (134/155) in Geosciences, Multidisciplinary; počet citací: 20

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WoS: IF₂₀₀₉: 1,676; **Q2** (30/63) in Meteorology & Atmospheric Sciences; **Q1** (16/66) in Water Resources; **Q2** (79/181) in Environmental Sciences; počet citací: 19

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WoS: IF₂₀₀₉: 3,147; **Q1** (7/39) in Spectroscopy; počet citací: 24

Galiová, M., Kaiser, J., Novotný, K., **Ivanov, M.**, Nývtová Fišáková, M., Mancini, L., Tromba, G., Vaculovič, T., Liška, M., Kanický, V. (2010): Investigation of the osteitis deformans phases in snake vertebrae by double-pulse laser-induced breakdown spectroscopy. *Analytical and Bioanalytical Chemistry*, 398, 2, 1095–1107. doi: 10.1007/s00216-010-3976-1

WoS: IF₂₀₀₉: 3,480; **Q2** (17/67) in Biochemical Research Methods; **Q1** (6/70) in Chemistry, Analytical; počet citací: 21

Hilscherová, K., Dušek, L., Štěpánková, T., Jálková, V., Čupr, P., Giesy, J., **Nehyba, S.**, Jarkovský, J., Klánová, J., Holoubek, I. (2010): Seasonally and regionally determined indication potential of bioassays in contaminated river sediments. *Environmental Toxicology and Chemistry*, 29, 3, 522–534. doi: 10.1002/etc.83

WoS: IF₂₀₀₉: 2,565; **Q2** (28/77) in Toxicology; **Q1** (41/181) in Environmental Sciences; počet citací: 24

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WoS: IF₂₀₀₉: 0,655; **Q3** (30/49) in Geology; počet citací: 14

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WoS: IF₂₀₀₉: neuvedeno; počet citací: 12

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WoS: IF₂₀₀₉: 0,631; Q4 (59/70) in Chemistry, Analytical; Q4 (34/44) in Chemistry, Inorganic & Nuclear; Q3 (23/33) in Nuclear Science & Technology; počet citací: 11

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WoS: IF₂₀₀₉: 0,904; Q3 (25/41) in Paleontology; počet citací: 10

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WoS: IF₂₀₀₉: 4,605; Q1 (4/155) in Geosciences, Multidisciplinary; počet citací: 78

Knížek, M., Melichar, R., Janečka, J. (2010): Stratigraphic separation diagrams as a tool for determining fault geometry in a folded and thrust region: an example from the Barrandian region, Czech Republic. *Geological Journal*, 45, 5-6, 536–543. doi: 10.1002/gj.1206

WoS: IF₂₀₀₉: 1,333; Q2 (75/155) in Geosciences, Multidisciplinary; počet citací: 8

Kolaříková, I., Švandová, J., Příkryl, R., Vinšová, H., Jedináková-Křížová, V., **Zeman, J.** (2010): Mineralogical changes in bentonite barrier within Mock-Up-CZ experiment. *Applied Clay Science*, 47, 1-2, 10–15. doi: 10.1016/j.clay.2009.11.011

WoS: IF₂₀₀₉: 2,784; Q1 (4/27) in Mineralogy; počet citací: 22

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WoS: IF₂₀₀₉: 1,957; Q1 (8/49) in Geology; počet citací: 59

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WoS: IF₂₀₀₉: 0,655; Q3 (30/49) in Geology; počet citací: 28

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WoS: IF₂₀₀₉: 3,738; Q1 (4/75) in Geochemistry & Geophysics; počet citací: 56

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WoS: IF₂₀₀₉: 3,537; Q1 (2/27) in Mineralogy; Q1 (6/75) in Geochemistry & Geophysics; počet citací: 59

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WoS: IF₂₀₀₉: 2,445; Q1 (28/155) in Geosciences, Multidisciplinary; počet citací: 12

Matyssová, P., Roesler, R., Goetze, J., **Leichmann, J.,** Forbes, G., Taylor, E., Sakala, J., Grygar, T. (2010): Alluvial and volcanic pathways to silicified plant stems (Upper Carboniferous-Triassic) and their taphonomic and palaeoenvironmental meaning. *Palaeogeography Palaeoclimatology Palaeoecology*, 292, 1-2, 127–143. doi: 10.1016/j.palaeo.2010.03.036

WoS: IF₂₀₀₉: 2,646; Q1 (6/41) in Paleontology; Q1 (8/36) in Geography, Physical; Q1 (23/155) in Geosciences, Multidisciplinary; počet citací: 58

Mazur, S., Kröner, A., Szczepański, J., Turniak, K., Hanžl, P., **Melichar, R.,** Rodionov, N., Paderin, I., Sergeev, S. (2010): Single zircon U-Pb ages and geochemistry of granitoid gneisses from SW Poland: evidence for an Avalonian affinity of the Brunian microcontinent. *Geological Magazine*, 147, 4, 508–526. doi: 10.1017/S001675680999080X

WoS: IF₂₀₀₉: 2,059; **Q2** (39/155) in Geosciences, Multidisciplinary; počet citací: 57

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WoS: IF₂₀₀₉: 2,905; **Q1** (32/181) in Environmental Sciences; počet citací: 20

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WoS: IF₂₀₀₉: neuvedeno; počet citací: 8

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WoS: IF₂₀₀₉: 0,963; **Q3** (104/155) in Geosciences, Multidisciplinary; počet citací: 3

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WoS: IF₂₀₀₉: neuvedeno; počet citací: 15

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WoS: IF₂₀₀₉: 1,290; **Q2** (13/27) in Mineralogy; počet citací: 31

Novák, M., **Gadas, P.** (2010): Internal structure and mineralogy of a zoned anorthite and grossular bearing leucotonalitic pegmatite in serpentinized lherzolite at Ruda nad Moravou, Staré Město Unit, Czech Republic. *Canadian Mineralogist*, 48, 629–650. doi: 10.3749/canmin.48.3.629

WoS: IF₂₀₀₉: 1,290; **Q2** (13/27) in Mineralogy; počet citací: 11

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WoS: IF₂₀₀₉: neuvedeno; počet citací: 0

Plášil, J., Buixaderas, E., Čejka, J., Sejkora, J., Jehlička, J., **Novák, M.** (2010): Raman spectroscopic study of the uranyl sulphate mineral zippeite: low wavenumber and U–O stretching regions. *Analytical and Bioanalytical Chemistry*, 397, 7, 2703–2715. doi: 10.1007/s00216-010-3577-z

WoS: IF₂₀₀₉: 3,480; **Q2** (17/67) in Biochemical Research Methods; **Q1** (6/70) in Chemistry, Analytical; počet citací: 36

Plášil, J., Sejkora, J., Čejka, J., **Novák, M.**, Viňals, J., Ondruš, P., Veselovský, F., Škácha, P., Jehlička, J., Goliáš, V., Hloušek, J. (2010): Metarauchite, $\text{Ni}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$, from Jáchymov, Czech Republic, and Schneeberg, Germany: a new member of the autunite group. *Canadian Mineralogist*, 48, 335–350. doi: 10.3749/canmin.48.2.2335

WoS: IF₂₀₀₉: 1,290; **Q2** (13/27) in Mineralogy; počet citací: 16

Říčka, A., **Kuchovský, T.**, **Sracek, O.**, **Zeman, J.** (2010): Determination of potential mine water discharge zones in crystalline rocks at Rozna, Czech Republic. *Environmental Earth Sciences*, 60, 6, 1201–1213. doi: 10.1007/s12665-009-0261-8

WoS: IF₂₀₀₉: neuvedeno; počet citací: 5

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

Sejkora, J., Ondruš, P., **Novák, M.** (2010): Veselovskýite, triclinic $(\text{Zn,Cu,Co})\text{Cu}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 9\text{H}_2\text{O}$, a Zn-dominant analogue of lindackerite. *Neues Jahrbuch für Mineralogie - Abhandlungen*, 187, 1, 83–90. doi: 10.1127/0077-7757/2010/0165

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

Tomašić, N., Gajović, A., Bermanec, V., Linarić, M.R., Su, D.S., **Škoda, R.** (2010): Preservation of samarskite structure in a metamict ABO_4 mineral: a key to crystal structure identification. *European Journal of Mineralogy*, 22, 3, 435–442. doi: 10.1127/0935-1221/2010/0022-2032

WoS: IF₂₀₀₉: 1,450; Q2 (9/27) in Mineralogy; počet citací: 8

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

Bhattacharya, P., Hasan, M.A., **Sracek, O.**, Smith, E., Ahmed, K.M., von Bromssen, M., Huq, S.M.I., Naidu, R. (2009): Groundwater chemistry and arsenic mobilization in the holocene flood plains in south-central Bangladesh. *Environmental Geochemistry and Health*, 31, 1, 23–43. doi: 10.1007/s10653-008-9230-5

WoS: IF₂₀₀₈: 1,238; Q2 (21/60) in Water Resources; Q2 (16/38) in Engineering, Environmental; Q3 (95/2163) in Environmental Sciences; Q3 (74/105) in Public, Environmental & Occupational Health; počet citací: 51

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WoS: IF₂₀₀₈: 1,225; Q1 (4/28) in Materials Science, Characterization & Testing; počet citací: 18

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WoS: IF₂₀₀₈: 1,136; Q3 (14/25) in Mineralogy; počet citací: 44

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WoS: IF₂₀₀₈: 1,779; Q2 (46/144) in Geosciences, Multidisciplinary; počet citací: 9

Cempírek, J., **Škoda, R.**, Žák, Z. (2009): Sodium scandium diphosphate, NaScP_2O_7 , isotypic with $\alpha\text{-NaTi(III)P}_2\text{O}_7$. *Acta Crystallographica Section E – Crystallographic Communications*, 65, 12, 186–U19. doi: 10.1107/S1600536809046224

WoS: IF₂₀₀₈: 0,367; Q4 (24/25) in Crystallography; počet citací: 3

Čopjaková, R., Buriánek, D., Škoda, R., Houzar, S. (2009): Tourmalinites in the metamorphic complex of the Svratka Unit (Bohemian Massif): a study of compositional growth of tourmaline and genetic relations. *Journal of Geosciences*, 54, 2, 221–243. doi: 10.3190/jgeosci.048

WoS: IF₂₀₀₈: neuvedeno; počet citací: 10

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WoS: IF₂₀₀₈: 1,441; Q2 (13/31) in Soil Science; Q1 (14/60) in Water Resources; Q3 (82/163) in Environmental Sciences; počet citací: 14

Dolníček, Z., **Fojt, B.**, Prochaska, W., **Kučera, J.**, Sulovský, P. (2009): Origin of the Zálesí U-Ni-Co-As-Ag/Bi deposit, Bohemian Massif, Czech Republic: fluid inclusion and stable isotope constraints. *Mineralium Deposita*, 44, 81–97. doi: 10.1007/s00126-008-0202-6

WoS: IF₂₀₀₈: 2,037; Q1 (5/25) in Mineralogy; Q2 (20/64) in Geochemistry & Geophysics; počet citací: 29

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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: 1,026; Q3 (113/163) in Environmental Sciences; Q3 (92/144) in Geosciences, Multidisciplinary; Q3 (32/60) in Water Resources; počet citací: 31

Haloda, J., Týcová, P., Korotev, R.L., Fernandes, V.A., Burgess, R., Thoni, M., Jelenc, M., Jakeš, P., **Gabzdyl, P.**, Kosler, J. (2009): Petrology, geochemistry, and age of low-Ti mare-basalt meteorite Northeast Africa 003-A: A possible member of the Apollo 15 mare basaltic suite. *Geochimica et Cosmochimica Acta*, 73, 3450–3470. doi: 10.1016/j.gca.2009.03.003

WoS: IF₂₀₀₈: 4,235; **Q1** (3/64) in Geochemistry & Geophysics; počet citací: 25

Hladil, J., Koptíková, L., Galle, A., Sedláček, V., Pruner, P., Schnábl, P., Langrová, A., **Bábek, O.**, Fráňa, J., Hladíková, J., Otava, J., Geršl, M. (2009): Early Middle Frasnian platform reef strata in the Moravian Karst interpreted as recording the atmospheric dust changes: the key to understanding perturbations in the punctata conodont zone. *Bulletin of Geosciences*, 84, 1, 75–106. doi: 10.3140/bull.geosci.1113

WoS: IF₂₀₀₈: neuvedeno; počet citací: 19

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WoS: IF₂₀₀₈: 1,026; Q3 (113/163) in Environmental Sciences; Q3 (92/144) in Geosciences, Multidisciplinary; Q3 (32/60) in Water Resources; počet citací: 17

Kalvoda, J., **Novák, M.**, **Bábek, O.**, **Brzobohatý, R.**, Holá, M., Holoubek, I., Kanický, V., **Škoda, R.** (2009): Compositional changes in fish scale hydroxylapatite during early diagenesis; an example from an abandoned meander. *Biogeochemistry*, 94, 3, 197–215. doi: 10.1007/s10533-009-9319-7

WoS: IF₂₀₀₈: 2,961; **Q1** (26/163) in Environmental Sciences; **Q1** (16/144) in Geosciences, Multidisciplinary; počet citací: 14

Kříbek, B., Žák, K., Dobeš, P., **Leichmann, J.**, Pudilová, M., René, M., Scharm, B., Scharnova, M., Hájek, A., Holeczy, D., Hein, U.F., Lehmann, B. (2009): The Rožná uranium deposit (Bohemian Massif, Czech Republic): shear zone-hosted, late Variscan and post-Variscan hydrothermal mineralization. *Mineralium Deposita*, 44, 99–128. doi: 10.1007/s00126-008-0188-0

WoS: IF₂₀₀₈: 2,037; **Q1** (5/25) in Mineralogy; **Q2** (20/64) in Geochemistry & Geophysics; počet citací: 39

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WoS: IF₂₀₀₈: 0,878; Q3 (44/64) in Geochemistry & Geophysics; počet citací: 48

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WoS: IF₂₀₀₇: 0,963; Q3 (109/160) in Environmental Sciences; počet citací: 13

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WoS: IF₂₀₀₆: 0,788; Q3 (25/36) in Paleontology; Q3 (24/37) in Geology; počet citací: 41

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WoS: IF₂₀₀₆: 1,038; Q3 (15/26) in Mineralogy; Q3 (39/59) in Geochemistry & Geophysics; počet citací: 70

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WoS: IF₂₀₀₆: 2,203; **Q1** (3/26) in Mineralogy; **Q2** (16/59) in Geochemistry & Geophysics; počet citací: 49

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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: 95

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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: 19

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WoS: IF₂₀₀₆: 1,288; **Q1** (14/57) in Water Resources; **Q2** (54/131) in Geosciences, Multidisciplinary; počet citací: 118

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WoS: IF₂₀₀₆: 0,561; **Q3** (89/124) in Chemistry, Multidisciplinary; počet citací: 6

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WoS: IF₂₀₀₆: 2,350; **Q1** (2/37) in Geology; počet citací: 39

Kotková, J. (2007): High-pressure granulites of the Bohemian Massif: recent advances and open questions. *Journal of Geosciences*, 52, 1-2, 45–71. doi: 10.3190/jgeosci.006

WoS: IF₂₀₀₆: neuvedeno; počet citací: 81

Kováč, M., Andreyeva-Grigorovich, A., Bajraktarević, Z., **Brzobohatý, R.**, Filipescu, S., Fodor, L., Harzhauser, M., Oszczyppo, N., Nagymarosy, A., Pavelić, D., Rögl, F., Saftić, B., Sliva, L., Studencka, B. (2007): Badenian evolution of the Central Paratethys Sea: paleogeography, paleoclimate and eustatic changes. *Geologica Carpathica*, 58, 6, 579–606. doi: neuvedeno

WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 198

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

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WoS: IF₂₀₀₆: 1,418; Q1 (9/55) in Paleontology; počet citací: 8

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WoS: IF₂₀₀₆: 2,203; Q1 (3/26) in Mineralogy; Q2 (16/59) in Geochemistry & Geophysics; počet citací: 42

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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: 30

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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: 1,745; **Q1** (4/57) in Water Resources; **Q1** (1/80) in Engineering, Civil; **Q1** (27/129) in Geosciences, Multidisciplinary; počet citací: 19

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WoS: IF₂₀₀₅: 2,224; **Q1** (22/140) in Environmental Sciences; počet citací: 210

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WoS: IF₂₀₀₅: 2,243; **Q1** (3/25) in Mineralogy; **Q1** (13/55) in Geochemistry & Geophysics; počet citací: 90

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: 33

Devuyst, F.-X., Hance, L., Poty, E. (2006): Moliniacian. *Geologica Belgica*, 9, 1-2, 123–131. doi: neuvedeno
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Faimon, J., **Štelcl, 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
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WoS: IF₂₀₀₅: 1,336; **Q2** (54/178) in Materials Science; **Q2** (8/25) in Mineralogy, Multidisciplinary; počet citací: 17

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): Viséan. *Geologica Belgica*, 9, 1-2, 55–62. doi: neuvedeno

WoS: IF₂₀₀₅: neuvedeno; počet citací: 14

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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: 23

Kvaček, Z., Kováč, M., Kovar-Eder, J., **Doláková, N.**, Jechorek, H., Parashiv, V., Kováčová, M., Sliva, I. (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: 63

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: 255

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WoS: IF₂₀₀₅: 0,846; **Q3** (37/55) in Geochemistry & Geophysics; počet citací: 0

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WoS: IF₂₀₀₅: 1,299; **Q2** (46/129) in Geosciences, Multidisciplinary; počet citací: 186

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: 405

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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: 11

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WoS: IF₂₀₁₇: 0,665; **Q4** (42/55) in Geochemistry & Geophysics; počet citací: 21

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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

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WoS: IF₂₀₀₄: 0,820; **Q3** (15/23) in Mineralogy; **Q3** (34/50) Geochemistry & Geophysics; počet citací: 28

Čopjaková R., **Sulovský P.**, Peterson, B. (2005): Major and trace elements in pyrope-almandine garnets as sediment provenance indicators of the Lower Carboniferous Culm sediments, Drahany Uplands, Bohemian Massif. *Lithos*, 82, 1–2, 51–70. doi: 10.1016/j.lithos.2004.12.006

WoS: IF₂₀₀₄: 2,567; **Q1** (2/23) in Mineralogy; **Q1** (9/50) in Geochemistry & Geophysics; počet citací: 53

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WoS: IF₂₀₀₄: 0,494; **Q4** (108/128) in Geosciences, Multidisciplinary; počet citací: 1

Faimon, J. (2005): Total dynamics of quartz–water system at ambient conditions. *Aquatic Geochemistry*, 11, 2, 139–172. doi: 10.1007/s10498-004-2880-8

WoS: IF₂₀₀₄: 0,720; **Q3** (37/50) in Geochemistry & Geophysics; počet citací: 8

Sejkora, J., Novotný, P., **Novák, M.**, Šrein, V., Berlepsch, P. (2005): Calciopetersite from Domašov nad Bystřicí, northern Moravia, Czech Republic, a new mineral species of the mixite group. *Canadian Mineralogist*, 43, 4, 1393–1400. doi: 10.2113/gscanmin.43.4.1393
WoS: IF₂₀₀₄: 1,207; **Q2** (9/23) in Mineralogy; počet citací: 11

2004 (celkem 17 článků, 3 studenti spoluautoři – červeně)

Ahmed, K.M., Bhattacharya, P., Hasan, M.A., Akhter, S.H., Alam, S.M.M., Bhuyian, M.A., Imam, M.B., Khan, A.A., **Sracek, O.** (2004): Arsenic enrichment in groundwater of the alluvial aquifers in Bangladesh: An overview. *Applied Geochemistry*, 19, 2, 181–200. doi: 10.1016/j.apgeochem.2003.09.006
WoS: IF₂₀₀₃: 1,804; **Q2** (15/52) in Geochemistry & Geophysics; počet citací: 489

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WoS: IF₂₀₀₃: neuvedeno; počet citací: 20

Kotková, J. (2004): Geology without frontiers: magmatic and metamorphic evolution of Central European variscides. *Episodes*, 27, 1, 49–50. doi: neuvedeno
WoS: IF₂₀₀₃: 1,020; **Q2** (55/128) in Geosciences, Multidisciplinary; počet citací: 0

Lauria, D.C., Almeida, R.M.R., **Sracek, O.** (2004): Behavior of radium, thorium and uranium in groundwater near the Buena Lagoon in the Coastal Zone of the State of Rio de Janeiro, Brazil. *Environmental Geology*, 47, 1, 11–19. doi: 10.1007/s00254-004-1121-1
WoS: IF₂₀₀₃: 0,605; **Q3** (96/131) in Environmental Sciences; **Q3** (89/128) in Geosciences, Multidisciplinary; **Q3** (30/55) in Water Resources; počet citací: 39

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WoS: IF₂₀₀₃: 1,086; **Q2** (11/24) in Mineralogy; **Q2** (24/52) in Geochemistry & Geophysics; počet citací: 16

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WoS: IF₂₀₀₃: 1,185; Q2 (8/24) in Mineralogy; počet citací: 70

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WoS: IF₂₀₀₃: 1,804; Q2 (15/52) in Geochemistry & Geophysics; počet citací: 161

Sracek, O., Choquette, M., Gelinas, P., Lefebvre, R., Nicholson, R.V. (2004): Geochemical characterization of acid mine drainage from a waste rock pile, Mine Doyon, Québec, Canada. *Journal of Contaminant Hydrology*, 69, 1-2, 45–71. doi: 10.1016/S0169-7722(03)00150-5
WoS: IF₂₀₀₃: 1,438; Q1 (5/55) in Water Resources; Q2 (40/131) in Environmental Sciences; Q1 (32/128) in Geosciences, Multidisciplinary; počet citací: 113

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