

Přehled impaktovaných publikací učitelů/studentů ÚGV PŘF MU v Brně v období 2003-2022

2022 (celkem 2 články, 0 studentů spoluautorů – červeně)

Boháč, M., Kubátová, D., Krejčí Kotlánová, M., Khongová, I., Zedulová, A., Novotný, R., Tchingnabé Palou, M., 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:

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, $\square(\text{Mn}^{2+}\text{Al})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$, a new mineral species of the tourmalin supergroup. *American Mineralogist*, 107, 1, 31–42.

WoS:

2021 (celkem 58 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: 5,198; Q1 (12/98) in Water Resources; Q1 (7/37) in Soil Science; Q1 (22/199) in Geosciences, Multidisciplinary; počet citací: 1

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

WoS: IF₂₀₂₀: 3,397; Q1 (7/48) in Geology; počet citací: 0

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*. In press. doi: 10.1111/sed.12910

WoS: IF₂₀₂₀: 4,155; Q1 (4/48) in Geology; počet citací: 0

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: 0

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: 0

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: 0

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: 1

Bonilla-Salomón, I., Luján, Á.H., **Ivanov, M.**, Sabol, M. (2021): *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*. In press. doi: 10.1080/08912963.2021.1992403

WoS: IF₂₀₂₀: 2,259; Q1 (11/54) in Paleontology; počet citací: 0

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: 0

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

WoS: IF₂₀₂₀: 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: 0

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: 1

Frýbort, A., Štulířová, J., Zavřel, T., **Gregerová, M.**, **Všianský, 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: 0

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: 0

Holá, M., Novotný, K., Dobeš, J., Krempel, 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: 0

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 Čínovec greisen-type deposit: result of a complex magmatic to hydrothermal evolution, implications for scandium valorization. *Ore Geology Reviews*. In press. 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: 0

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*. In press. doi: 10.1180/mgm.2021.58
WoS: IF₂₀₂₀: 2,062; **Q2** (13/30) in Mineralogy; počet citací: 0

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: 1

Jašek, O., Toman, J., Šnirer, M., Jurmanová, J., Kudrle, V., Michalička, J., **Všianský, D.**, Pavliňák, D. (2021): Microwave plasma-based high temperature dehydrogenation of hydrocarbons and alcohols as a single route to highly efficient gas phase synthesis of freestanding graphene. *Nanotechnology*, 32, 505608. doi: 10.1088/1361-6528/ac24c3
WoS: IF₂₀₂₀: 3,874; **Q3** (59/106) in Nanoscience & Nanotechnology; **Q2** (44/160) in Physics, Applied; **Q2** (139/334) in Materials Science, Multidisciplinary; počet citací: 0

Jašek, O., Toman, J., **Všianský, D.**, Jurmanová, J., Šnirer, M., Hemzal, D., Bannov, A.G., Hajzler, J., Sřahel, P., Kudrle, V. (2021): Controlled high temperature stability of microwave plasma synthesized graphene nanosheets. *Journal of Physics D: Applied Physics*, 54, 16, 165201. doi: 10.1088/1361-6463/abdb6d
WoS: IF₂₀₂₀: 3,207; **Q2** (58/160) in Physics, Applied; počet citací: 4

Juráček, J., Zachariáš, J., **Melichar, R.** (2021): Palaeostress analysis based on multiple inversion in 9-dimensional space in relation to hydrothermal calcite veins in the SE margin of the Elbe Fault Zone (Bohemian Cretaceous Basin, the Czech Republic). *Zeitschrift der Deutschen gesellschaft für Geowissenschaften*, 172, 2, 141–170. doi: 10.1127/zdgg/2021/0277
WoS: IF₂₀₂₀: 1,000; **Q4** (181/199) in Geosciences, Multidisciplinary; počet citací: 0

Kasatkin, A.V., Plášil, J., Makovický, E., Chukanov, N.V., **Škoda, R.**, Agakhanov, A.A., Stepanov, S.Y., Palamarchuk, R.S. (2021): Auerbakhite, MnTl₂As₂S₅, a new thallium sulfosalt from the Vorontsovskoe gold deposit, Northern Urals, Russia. *Journal of Geosciences*, 66, 2, 89–96. doi: 10.3190/jgeosci.321
WoS: IF₂₀₂₀: 1,525; **Q3** (59/88) in Geochemistry & Geophysics; **Q3** (18/30) in Mineralogy; počet citací: 0

Kasatkin, A.V., Plášil, J., **Škoda, R.**, Campostrini, I., Chukanov, N.V., Agakhanov, A.A., Karpenko, V.Y., Belakovskiy, D.I. (2021): Ferroefremovite, (NH₄)Fe²⁺₂(SO₄)₃, a New Mineral from Solfatarà 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: 1

Kasatkin, A.V., Zubkova, N.V., Pekov, I.V., Chukanov, N.V., **Škoda, R.**, Agakhanov, A.A., Belakovskiy, D.I., Britvin, S.N., Pushcharovsky, D.Y. (2021): The mineralogy of the historical Mochalin Log *REE* deposit, South Urals, Russia. Part IV. Alexkuznetsovite-(La), La₂Mn(CO₃)(Si₂O₇), alexkuznetsovite-(Ce), Ce₂Mn(CO₃)(Si₂O₇) and biraite-(La), La₂Fe²⁺(CO₃)(Si₂O₇), three new isostructural minerals and a definition of the biraite group. *Mineralogical Magazine*. In press. doi: 10.1180/mgm.2021.64
WoS: IF₂₀₂₀: 2,062; **Q2** (13/30) in Mineralogy; počet citací: 0

Kočová Veselská, M., Kočí, T., Jäger, M., Mikuláš, R., Heřmanová, Z., Morel, N., **Šamánek, J.** (2021): Sclerobionts on tubes of the serpulid *Pyrgopolon (Pyrgopolon) deforme* (Lamarck, 1818) from the upper Cenomanian of Le Mans region, France. *Cretaceous Research*, 125, 104873. doi: 10.1016/j.cretres.2021.104873
WoS: IF₂₀₂₀: 2,176; **Q1** (13/54) in Paleontology; **Q2** (14/48) in Geology; počet citací: 1

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: 0

Kremser, K., Thallner, S., Strbik, D., Spiess, S., Kučera, J., Vaculovič, T., **Všianský, D.**, Haberbauer, M., Mandl, M., Guebitz, G.M. (2021): Leachability of metals from waste incineration residues by iron- and sulfur-oxidizing bacteria. *Journal of Environmental Management*, 280, 111734. doi: 10.1016/j.jenvman.2020.111734
WoS: IF₂₀₂₀: 6,789; **Q1** (34/274) in Environmental Sciences; počet citací: 1

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: 1

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: 0

Kumpan, T., Kalvoda, J., Bábek, O., Matys Grygar, T., Frýda, J. (2020): The Devonian-Carboniferous boundary in the Moravian Karst (Czech Republic). *Palaeobiodiversity and Palaeoenvironments*, 101, 473–485. doi: 10.1007/s12549-019-00409-z
WoS: IF₂₀₁₉: 1,573; **Q3** (36/59) in Biodiversity Conservation; **Q2** (27/55) 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: 1

Makovický, E., Plášil, J., Kasatkin, A.V., **Škoda, R.** (2021): The crystal structure of $Ti_{2.36}Sb_{5.98}As_{4.59}S_{17}$, 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: 0

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: 1

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: 0

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: 0

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: 5

- Petrík, J., Adameková, K.**, Petr, L., Jouffroy-Bapicot, I., Kočár, P., Kočárová, R., Goláňová, P., Guichard, V. (2021): Landscape evolution around the oppidum of Bibracte (Northern Massif Central, France) from the Late Iron Age to the Post-Mediaeval period. *Quaternary International*. In press. doi: 10.1016/j.quaint.2021.02.022
WoS: IF₂₀₂₀: 2,130; Q3 (36/50) in Geography, Physical; Q3 (126/199) in Geosciences, Multidisciplinary; počet citací: 1
- 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: 0
- 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: 1
- 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, CaMg₃Al₆(Si₆O₁₈)(BO₃)₃(OH)₃O, 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: 0
- Sejkora, J., Števko, M., **Škoda, R.**, Višková, E., Toman, J., **Hreus, S.**, Plášil, J., Dolníček, Z. (2021): Dobšináite, Ca₂Ca(AsO₄)₂ · 2H₂O, a new member of the roselite group from Dobšiná (Slovak Republic). *Journal of Geosciences*, 66, 2, 127–135. doi: 10.3190/jgeosci.324
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WoS: IF₂₀₁₈: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; počet citací: 1

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WoS: IF₂₀₁₈: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; počet citací: 5

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WoS: IF₂₀₁₈: 3,244; Q1 (9447) in Geology; počet citací: 12

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WoS: IF₂₀₁₈: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; počet citací: 2

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WoS: IF₂₀₁₇: 4,019; Q2 (32/123) in Microbiology; počet citací: 7

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

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WoS: IF₂₀₁₇: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 0

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WoS: IF₂₀₁₇: 1,480; Q3 (157/242) in Environmental Sciences; Q4 (80/94) in Toxicology; počet citací: 4

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

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WoS: IF₂₀₁₇: 2,645; Q2 (33/85) in Geochemistry & Geophysics; Q2 (10/29) in Mineralogy; počet citací: 0

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WoS: IF₂₀₁₇: 3,740; Q1 (5/34) in Soil Science; počet citací: 7

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WoS: IF₂₀₁₇: 1,128; Q4 (36/47) in Geology; počet citací: 0

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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

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WoS: IF₂₀₁₇: 1,085; Q3 (27/47) in Geology; počet citací: 4

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WoS: IF₂₀₁₇: 1,128; Q3 (26/47) in *Geology*; počet citací: 15

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

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WoS: IF₂₀₁₇: 2,326; Q1 (6/56) in *Paleontology*; Q3 (31/49) in *Evolutionary Biology*; počet citací: 18

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WoS: IF₂₀₁₇: 1,532; Q3 (122/190) in *Geosciences, Multidisciplinary*; počet citací: 4

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WoS: IF₂₀₁₇: 1,872; Q3 (99/189) in *Geosciences, Multidisciplinary*; počet citací: 6

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

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

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WoS: IF₂₀₁₇: 2,375; Q2 (23/49) in *Geography, Physical*; Q2 (71/190) in *Geosciences, Multidisciplinary*; Q1 (5/56) in *Paleontology*; počet citací: 11

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

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

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WoS: IF₂₀₁₇: 1,128; Q3 (26/47) in Geology; počet citací: 4

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WoS: IF₂₀₁₆: 2,021; Q2 (10/29) in Mineralogy; Q2 (39/84) in Geochemistry & Geophysics; počet citací: 1

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WoS: IF₂₀₁₅: 1,326; **Q3** (16/29) in Mineralogy; **Q3** (47/81) in Geochemistry & Geophysics; počet citací: 3

Cempírek, J., Grew, E.S., Kampf, A.R., Ma, C., Novák, M., Gadas, P., Škoda, R., Vašinová Galiová, M., Pezzotta, F., Groat, L.A., Krivovichev, S.V. (2016): Vranaite, ideally Al₁₆S₄Si₄O₃₈, a new mineral related to boralsilite, Al₁₆B₆Si₂O₃₇, from the Manjaka pegmatite, Sahatany Valley, Madagascar. *American Mineralogist*, 101, 9-10, 2108–2117. doi: 10.2138/am-2016-5686

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WoS: IF₂₀₁₄: 1,538; **Q3** (136/260) in Materials Science, Multidisciplinary; **Q2** (12/28) in Mineralogy; počet citací: 12

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WoS: IF₂₀₁₄: 3,381; **Q1** (21/175) in Geosciences, Multidisciplinary; **Q2** (23/89) in Energy & Fuels; počet citací: 14

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WoS: IF₂₀₁₄: 1,181; Q3 (17/28) in Mineralogy; počet citací: 4

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WoS: IF₂₀₁₄: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 14

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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: 9

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WoS: IF₂₀₁₄: 2,639; Q1 (40/175) in Geosciences, Multidisciplinary; počet citací: 19

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WoS: IF₂₀₁₄: 2,026; Q2 (8/28) in Mineralogy; počet citací: 16

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WoS: IF₂₀₁₄: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 4

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WoS: IF₂₀₁₄: 3,466; Q1 (6/44) in Spectroscopy; Q1 (12/74) in Chemistry, Analytical; počet citací: 5

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WoS: IF₂₀₁₄: 3,558; Q1 (3/46) in Geology; Q1 (4/28) in Mineralogy; Q1 (1/20) in Mining & Mineral Processing; počet citací: 26

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WoS: IF₂₀₁₃: 1,898; **Q2** (9/27) in Mineralogy; počet citací: 21

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WoS: IF₂₀₁₃: 2,129; **Q2** (19/44) in Spectroscopy; počet citací: 3

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WoS: IF₂₀₁₃: 1,134; **Q3** (17/27) in Mineralogy; počet citací: 14

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: 23

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

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WoS: IF₂₀₁₃: 1,134; **Q3** (17/27) in Mineralogy; počet citací: 5

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WoS: IF₂₀₁₃: 2,741; **Q1** (4/44) in Geology; počet citací: 55

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WoS: IF₂₀₁₃: 0,727; **Q3** (31/44) in Geology; počet citací: 8

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WoS: IF₂₀₁₃: 2,059; **Q2** (8/27) in Mineralogy; **Q2** (33/80) in Geochemistry & Geophysics; počet citací: 21

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

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

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: 16

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WoS: IF₂₀₁₃: 2,134; Q1 (11/44) in Geology; počet citací: 35

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: 39

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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: 31

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: 7

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WoS: IF₂₀₁₃: 2,059; Q2 (8/27) in Mineralogy; Q2 (33/80) in Geochemistry & Geophysics; počet citací: 22

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WoS: IF₂₀₁₃: 0,744; Q4 (140/174) in Mineralogy; počet citací: 10

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WoS: IF₂₀₁₃: 1,134; Q3 (17/27) in Mineralogy; počet citací: 11

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: 12

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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: 5

Vašínová 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 uman 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: 9

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WoS: IF₂₀₁₃: 3,150; Q1 (8/44) in Spectroscopy; počet citací: 37

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WoS: IF₂₀₁₃: 2,139; Q2 (56/174) in Geosciences, Multidisciplinary; počet citací: 10

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WoS: IF₂₀₁₃: 1,594; Q1 (16/82) in Anthropology; počet citací: 11

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: 32

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: 4

2013 (celkem 38 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: 30

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: 30

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WoS: IF₂₀₁₂: 2,684; Q2 (20/76) in Geochemistry & Geophysics; počet citací: 22

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 Bítoványky, 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: 25

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

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WoS: IF₂₀₁₂: 0,755; Q4 (22/26) in Mineralogy; počet citací: 10

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WoS: IF₂₀₁₂: 1,344; Q3 (93/172) in Geosciences, Multidisciplinary; počet citací: 20

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-sie 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: 21

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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: 9

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WoS: IF₂₀₁₂: 1,681; Q2 (9/26) in Mineralogy; Q2 (34/76) in Geochemistry & Geophysics; počet citací: 11

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

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WoS: IF₂₀₁₂: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 12

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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: 17

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: 31

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

Nerudová, Z., Neruda, P., Přichystal, A. (2013): 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: IF₂₀₁₂: 0,553; Q3 (46/83) in Anthropology; počet citací: 1

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: 15

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WoS: IF₂₀₁₂: 0,804; Q4 (134/172) in Geosciences, Multidisciplinary; počet citací: 23

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

WoS: IF₂₀₁₂: 2,212; Q1 (6/26) in Mineralogy; počet citací: 3

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 Smrduva 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: 12

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: 7

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: 11

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: 14

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: 11

Plášil, J., Hloušek, J., **Škoda, R.**, **Novák, M.**, Sejkora, J., Čejka, J., Veselovský, F., Majzlan, J. (2013): Vysokýite, 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: 6

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: 26

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: 17

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 Moldanubicum) for the estimation of deformation

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WoS: IF₂₀₁₂: neuvedeno; počet citací: 5

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WoS: IF₂₀₁₂: 1,445; Q3 (120/210) in Environmental Sciences; Q2 (86/172) in Geosciences, Multidisciplinary; Q2 (35/80) Water Resources; počet citací: 17

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: 3

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: 28

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: 23

Vlačiky, M., Michalík, T., Nývltová Fišáková, M., Nývlt, D., Moravcová M., Králík, M., Kovanda, J., Péková, K., **Přichystal, A.**, **Dohnalová, A.** (2013): Gravettian occupation of the Beckov Gate in Western Slovakia as viewed from the interdisciplinary research of the Trenčianske Bohuslavice-Pod Tureckom site. *Quaternary International*, 294, 41–60. doi: 10.1016/j.quaint.2011.09.004

WoS: IF₂₀₁₂: 1,962; Q2 (21/45) in Geography, Physical; Q2 (58/172) in Geosciences, Multidisciplinary; počet citací: 15

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: 19

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WoS: IF₂₀₁₁: 1,279; Q3 (89/170) in Geosciences, Multidisciplinary; počet citací: 14

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

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WoS: IF₂₀₁₁: 3,518; Q1 (7/76) in Geochemistry & Geophysics; počet citací: 42

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: 24

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: 121

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

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WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 11

Faimon, J., Ličbinská, M., Zajíček, P., **Sracek, O.** (2012): Partial pressures of CO₂ in epikarstic zone deduced from hydrogeochemistry of permanent drips, the Moravian Karst, Czech Republic. *Acta Carsologica*, 41, 1, 47–57. doi: neuvedeno

WoS: IF₂₀₁₁: 0,757; Q4 (136/170) in Geosciences, Multidisciplinary; počet citací: 28

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: 48

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WoS: IF₂₀₁₁: 2,000; Q2 (48/170) in Geosciences, Multidisciplinary; počet citací: 25

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WoS: IF₂₀₁₁: 2,169; Q1 (6/26) in Mineralogy; Q2 (26/76) in Geochemistry & Geophysics; počet citací: 4

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WoS: IF₂₀₁₁: 4,259; Q1 (3/76) in Geochemistry & Geophysics; počet citací: 52

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: 23

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WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 12

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

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WoS: IF₂₀₀₉: 1,290; Q2 (13/27) in Mineralogy; počet citací: 9

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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: 15

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WoS: IF₂₀₀₈: 2,961; **Q1** (26/163) in Environmental Sciences; **Q1** (16/144) in Geosciences, Multidisciplinary; počet citací: 12

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WoS: IF₂₀₀₈: 2,037; **Q1** (5/25) in Mineralogy; **Q2** (20/64) in Geochemistry & Geophysics; počet citací: 30

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WoS: IF₂₀₀₈: 0,878; **Q3** (44/64) in Geochemistry & Geophysics; počet citací: 40

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WoS: IF₂₀₀₈: 2,396; **Q1** (29/156) in Plant Sciences; počet citací: 51

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WoS: IF₂₀₀₈: 0,390; **Q4** (23/25) in Mineralogy; počet citací: 4

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

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WoS: IF₂₀₀₈: neuvědno; počet citací: 37

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

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WoS: IF₂₀₀₈: 0,844; **Q2** (24/61) in Anthropology; počet citací: 20

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WoS: IF₂₀₀₈: neuvvedeno; počet citací: 22

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WoS: IF₂₀₀₈: neuvvedeno; počet citací: 12

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

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WoS: IF₂₀₀₇: 1,269; **Q2** (8/25) in Mineralogy; počet citací: 23

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WoS: IF₂₀₀₇: 0,517; **Q4** (122/137) in Geosciences, Multidisciplinary; počet citací: 27

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

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WoS: IF₂₀₀₇: 2,203; **Q1** (4/25) in Mineralogy; **Q1** (13/63) in Geochemistry & Geophysics; počet citací: 5

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

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WoS: IF₂₀₀₇: neuvedeno; počet citací: 16

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WoS: IF₂₀₀₇: 2,162; Q1 (4/40) in Paleontology; Q2 (8/31) in Geography, Physical; Q1 (28/137) in Geosciences, Multidisciplinary; počet citací: 144

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WoS: IF₂₀₀₇: 0.658; Q3 (25/40) in Paleontology; počet citací: 23

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WoS: IF₂₀₀₇: 1,719; Q2 (43/137) in Geosciences, Multidisciplinary; počet citací: 134

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WoS: IF₂₀₀₇: neuvedeno; počet citací: 17

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WoS: IF₂₀₀₇: 1,206; Q2 (12/25) in Mineralogy; počet citací: 13

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WoS: IF₂₀₀₇: 1,852; Q1 (5/59) in Water Resources; Q2 (49/160) in Environmental Sciences; Q2 (38/137) in Geosciences, Multidisciplinary; počet citací: 106

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WoS: IF₂₀₀₇: 0,712; Q3 (23/40) in Geology; počet citací: 15

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WoS: IF₂₀₀₇: 1,206; Q2 (12/25) in Mineralogy; počet citací: 22

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WoS: IF₂₀₀₇: 0,574; Q4 (22/25) in Mineralogy; počet citací: 4

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

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WoS: IF₂₀₀₇: 0,345; Q3 (37/58) in Anthropology; počet citací: 3

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WoS: IF₂₀₀₇: 0,963; Q3 (109/160) in Environmental Sciences; počet citací: 11

von Brömssen, M., Häller Larsson, S., Bhattacharya, P., Aziz Hasan, M., Matin Ahmed K., Jakariya, M., Mohiuddin A. S., **Sracek, O.**, Bivén, A., Doušová, B., Patriarca, C., Thunvik, R., Jacks, G. (2008): Geochemical characterisation of shallow aquifer sediments of MatlabUpazila, Southeastern Bangladesh Implications for targeting low-As aquifers. *Journal of Contaminant Hydrology*, 99, 1-4, 137–149. doi: 10.1016/j.jconhyd.2008.05.005

WoS: IF₂₀₀₇: 1,852; Q1 (5/59) in Water Resources; Q2 (49/160) in Environmental Sciences; Q2 (38/137) in Geosciences, Multidisciplinary; počet citací: 54

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WoS: IF₂₀₀₆: 0,788; Q3 (25/36) in Paleontology; Q3 (24/37) in Geology; počet citací: 40

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WoS: IF₂₀₀₆: 1,038; Q3 (15/26) in Mineralogy; Q3 (39/59) in Geochemistry & Geophysics; počet citací: 60

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WoS: IF₂₀₀₆: 2,203; Q1 (3/26) in Mineralogy; Q2 (16/59) in Geochemistry & Geophysics; počet citací: 45

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WoS: IF₂₀₀₆: neuvedeno; počet citací: 40

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WoS: IF₂₀₀₆: 1,791; **Q1** (7/36) in Paleontology; počet citací: 23

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WoS: IF₂₀₀₆: 1,064; **Q3** (14/26) in Mineralogy; počet citací: 24

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WoS: IF₂₀₀₆: 4,040; **Q1** (1/35) in Engineering, Environmental; **Q1** (4/144) in Environmental Sciences; počet citací: 88

Hanžl, P., Janoušek, V., Žáček, V., **Willimský, D.,** Eichler, J., Erban, V., Pudilová, M., Chlupáčová, M., Buriánková, K., Mixa, P., Pecina, V. (2007): Magmatic history of granite-derived mylonites from the southern Deská Unit (Silesicum, Czech Republic). *Mineralogy and Petrology*, 89, 45–75. doi: 10.1007/s00710-006-0137-5

WoS: IF₂₀₀₆: 1,038; **Q3** (15/26) in Mineralogy; **Q3** (39/59) in Geochemistry & Geophysics; počet citací: 9

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WoS: IF₂₀₀₆: 1,288; **Q1** (14/57) in Water Resources; **Q2** (54/131) in Geosciences, Multidisciplinary; počet citací: 101

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WoS: IF₂₀₀₆: 0,717; **Q3** (27/36) in Paleontology; počet citací: 19

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WoS: IF₂₀₀₆: 2,350; **Q1** (2/37) in Geology; počet citací: 38

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WoS: IF₂₀₀₆: neuvedeno; počet citací: 74

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WoS: IF₂₀₀₆: 0,364; **Q4** (117/131) in Geosciences, Multidisciplinary; počet citací: 171

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WoS: IF₂₀₀₆: 2,203; **Q1** (3/26) in Mineralogy; **Q2** (16/59) in Geochemistry & Geophysics; počet citací: 40

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WoS: IF₂₀₀₅: 2,243; **Q1** (3/25) in Mineralogy; **Q1** (13/55) in Geochemistry & Geophysics; počet citací: 79

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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: nevedeno

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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

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