

Přehled publikací učitelů/studentů ÚGV PřF MU v Brně v časopisech 1. a 2. kvartilu v období 2003-2019

2019 (celkem 9 článků, 6 studentů spoluautorů – červeně)

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

WoS: IF₂₀₁₈: 2,764; **Q2** (34/84) in *Geochemistry & Geophysics*; počet citací: 0

Breiter, K., Hložková, M., Korbelová, Z., Vašinová Galiová, M. (2019): Diversity of lithium mica composition in mineralized granite-greisen system: Cínovec Li-Sn-W deposit, Erzgebirge. *Ore Geology Reviews*, 106, 12–27.

WoS: IF₂₀₁₈: 3,387; **Q1** (3/46) in *Geology*; **Q1** (6/29) in *Mineralogy*; **Q1** (2/19) in *Mining & Mineral Processing*; počet citací: 0

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

WoS: IF₂₀₁₈: 2,720; **Q2** (31/86) in *Meteorology & Atmospheric Sciences*; počet citací: 0

Jirman, P., **Geršlová, E.**, Bubík, M., Sachsenhofer, R.F. (2019): Depositional environment and hydrocarbon potential of the Oligocene Mentilite Formation in the Western Carpathians: A case study from the Loučka section (Czech Republic). *Marine and Petroleum Geology*, 107, 334–350.

WoS: IF₂₀₁₈: 3,538; **Q1** (39/196) in *Geosciences, Multidisciplinary*; počet citací: 0

Kumpan, T., **Kalvoda, J.**, **Bábek, O.**, Holá, M., Kanický, V. (2019): Tracing paleoredox conditions across the Devonian–Carboniferous boundary event: A case study from carbonate-dominated settings of Belgium, the Czech Republic, and northern France. *Sedimentary Geology*, 380, 143–157.

WoS: IF₂₀₁₇: 2,575; **Q1** (9/47) in *Geology*; počet citací: 0

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

WoS: IF₂₀₁₈: 3,618; **Q1** (19/84) in *Geochemistry & Geophysics*; počet citací: 0

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

WoS: IF₂₀₁₈: 2,597; **Q2** (71/196) in *Geosciences, Multidisciplinary*; počet citací: 0

Šrček, O., Geršl, M., **Faimon, J.**, **Bábek, O.** (2019): The geochemistry and origin of fluids in the carbonate structure of the Hranice Karst with the world's deepest flooded cave of the Hranická Abyss, Czech Republic. *Applied Geochemistry*, 100, 203–212.

WoS: IF₂₀₁₈: 2,894; **Q2** (29/84) in *Geochemistry & Geophysics*; počet citací: 0

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

WoS: IF₂₀₁₈: 5,589; **Q1** (27/250) in *Environmental Sciences*; počet citací: 0

2018 (celkem 25 článků, 12 studentů spoluautorů – červeně)

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.

WoS: IF₂₀₁₇: 3,811; **Q1** (1/36) in *Engineering, Geological*; **Q1** (25/190) in *Geosciences, Multidisciplinary*; počet citací: 2

Čopjaková, R., **Kotková, J.** (2018): Composition of barium mica in multiphase soil inclusions from orogenic garnet peridotites as evidence of mantle metasomatism in a subduction zone setting. *Contributions to Mineralogy and Petrology*, 173, 106.

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

WoS: IF₂₀₁₇: 3,740; **Q1** (5/34) in Soil Science; počet citací: 1

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.

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: 1

Georgalis, G.L., **Ivanov, M.**, Villa, A., Roussiakis, S., Skandalos, P., Delfino, M. (2018): Early Miocene herpetofaunas from the Greek localities of Aliveri and Karydia – bridging a gap in the knowledge of amphibians and reptiles from the early Neogene of southeastern Europe. *Historical Biology*.

WoS: IF₂₀₁₇: 1,249; **Q2** (28/56) in Paleontology; počet citací: 1

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.

WoS: IF₂₀₁₇: 2,326; **Q1** (6/56) in Paleontology; **Q3** (31/49) in Evolutionary Biology; počet citací: 1

Ivanov, M., Vasilyan, D., Böhme, M., Zazhigin, V.S. (2018): Miocene snakes from northeastern Kazakhstan: new data on the evolution of snake assemblages in Siberia. *Historical Biology*.

WoS: IF₂₀₁₇: 1,249; **Q2** (28/56) in Paleontology; počet citací: 0

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.

WoS: IF₂₀₁₇: 2,375; **Q2** (23/49) in Geography, Physical; **Q2** (71/190) in Geosciences, Multidisciplinary; **Q1** (5/56) in Paleontology; počet citací: 3

Nejman, L., **Lisá, L.**, **Doláková, N.**, Horáček, I., Bajer, A., Novák, J., Wright, D., Sullivan, M., Wood, R., Gargett, R.H., Pacher, M., Sázlová, S., Nývltová Fišáková, M., Rohovec, J., Králík, M. (2017): 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.

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

Petrík, J., Petr, L., **Adameková, K.**, **Přišťáková M.**, Potůčková, A., **Lendřáková, Z.**, Fraczek, M., Dresler, P., Macháček, J., Kalicki, T., **Lisá, L.** (2018): Disruption in an alluvial landscape: settlement and environment dynamics in the Alluvium of the river Dyje at the Pohansko archaeological site (Czech Republic). *Quaternary International*, 511, 124–139.

WoS: IF₂₀₁₇: 2,163; **Q3** (29/49) in Geography, Physical; **Q2** (85/190) in Geosciences, Multidisciplinary; počet citací: 1

Petrík, J., Prokeš, L., **Všianský, D.**, Salaš, M., Nikolajev, P. (2018): Organization of ceramic production at a fortified Early Bronze Age settlement in Moravia (Czech Republic) inferred from minimally destructive archaeometry. *Archaeological and Anthropological Sciences*, 10, 3, 697–709.

WoS: IF₂₀₁₇: 2,414; **Q2** (69/190) in Geosciences, Multidisciplinary; počet citací: 0

Pokorný, R., Edwards, K.J., **Krmíček, L.**, **Všianský, D.**, Dáňová, P.V. (2018): Late Holocene soil processes and the first evidence for ferruginous rhizoconcretions in cool subpolar environments of the Faroe Islands. *Geografiska Annaler: Series A - Physical Geography*, 100, 3, 272–284.

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.**, Árting, U.E., Štofík, M. (2018): Driftwood in the Eemian interglacial lacustrine unit from the Faroe Islands and its possible source areas: palaeobotanical and ichnological analysis. *Boreas*, 47, 4, 1230–1243.

WoS: IF₂₀₁₇: 2,638; **Q2** (21/49) in Geography, Physical; **Q2** (59/190) in Geosciences, Multidisciplinary; počet citací: 0

Raška, P., Pokorný, R., **Krmíček, L.**, **Kuboušková, S.**, Mortensen, L. (2018): Basaltic Dyke with Specific Volcanogenic Structures and its geomorphic evolution: Unique Geoheritage of the Faroe Islands (North Atlantic Ocean). *Geoheritage*, 1–10.

WoS: IF₂₀₁₇: 2,333; **Q2** (75/190) in Geosciences, Multidisciplinary; počet citací: 0

Říčka, A., **Kuchovský, T.**, Damdindorj, B., Fűrých, V., Kopřiva, A., Puntsag, K. (2018): Identifying the flow pattern and natural recharge at a strategic groundwater resource in the Dornogobi Province, Mongolia. *Hydrological Sciences Journal*.

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

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.

WoS: IF₂₀₁₇: 2,622; **Q2** (61/190) in Geosciences, Multidisciplinary; počet citací: 1

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.

WoS: IF₂₀₁₇: 2,163; **Q3** (29/49) in Geography, Physical; **Q2** (85/190) in Geosciences, Multidisciplinary; počet citací: 1

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.

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

Ulrych, J., **Krmíček, L.**, Teschner, C., Skála, R., Adamovič, J., Ďurišová, J., Křížová, Š., **Kuboušková, S.**, Radoň, M. (2018): Chemistry and Sr–Nd isotope signature of amphiboles of the magnesio-hastingsite-pargasite-kaersutite series in Cenozoic volcanic rocks: Insight into lithospheric mantle beneath the Bohemian Massif. *Lithos*, 312–313, 308–321.

WoS: IF₂₀₁₇: 3,857; **Q1** (4/29) in Mineralogy; **Q1** (14/85) in Geochemistry & Geophysics; počet citací: 1

Vöröš, D., Díaz-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.

WoS: IF₂₀₁₇: 4,427; **Q1** (35/242) in Environmental Sciences; počet citací: 2

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

WoS: IF₂₀₁₇: 4,130; **Q1** (17/190) in Geosciences, Multidisciplinary; **Q2** (26/97) in Energy & Fuels; počet citací: 1

Všianský, D., Özbal, R., **Gregerová, M.**, Kynický, J. (2018): Interregional contacts in the Halaf Period: archaeometric analyses of pottery from Tell Kurdu, Turkey. *Archaeological and Anthropological Sciences*, 1–21.

WoS: IF₂₀₁₇: 2,414; **Q2** (69/190) in Geosciences, Multidisciplinary; počet citací: 0

Weiner, T., **Weinerová, H.**, **Kalvoda, J.** (2018): Microproblematica, calcareous algae, and microbialites at the Frasnian-Famennian boundary interval in the Šumbera section (Moravian Karst, Czech Republic) and their significance in the context of the Kellwasser Crisis. *Facies*, 64, 4, nestránkováno.

WoS: IF₂₀₁₇: 1,367; **Q2** (20/47) in Geology; **Q2** (25/55) in Paleontology; počet citací: 0

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

WoS: IF₂₀₁₇: 1,835; **Q2** (13/29) in Mineralogy; **Q2** (7/20) in Mining & Mineral Processing; počet citací: 2

Zimák, J., Štelcl, J., Všíanský, D. (2018): Reflectance colourimetry as a method for estimating the approximate quantity of non-carbonate components in limestones: A case study in the Mokrá Quarry (Czech Republic). *Catena*, 169, 90–95.

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

2017 (celkem 28 článků, 11 studentů spoluautorů – červeně)

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

WoS: IF₂₀₁₆: 2,958; **Q2** (14/49) in Geography, Physical; **Q1** (41/188) in Geosciences, Multidisciplinary; počet citací: 5

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

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

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

WoS: IF₂₀₁₆: 3,101; **Q1** (68/275) in Materials Science, Multidisciplinary; **Q1** (5/29) in Mineralogy; **Q2** (52/146) in Chemistry, Physical; počet citací: 2

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

WoS: IF₂₀₁₆: 2,888; **Q1** (43/188) in Geosciences, Multidisciplinary; počet citací: 1

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.

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

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

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

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

WoS: IF₂₀₁₆: 2,888; **Q1** (43/188) in Geosciences, Multidisciplinary; počet citací: 0

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

WoS: IF₂₀₁₆: 1,287; **Q2** (59/163) in Zoology; počet citací: 0

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.

WoS: IF₂₀₁₆: 3,241; **Q1** (7/42) in Spectroscopy; počet citací: 6

Křížek, M., Krbcová, K., Mida, P., Hanáček, M. (2017): Micromorphological changes as an indicator of the transition from glacial to glaciofluvial quartz grains: Evidence from Svalbard. *Sedimentary Geology*, 358, 35–43.

WoS: IF₂₀₁₆: 2,373; **Q1** (10/47) in Geology; počet citací: 5

Lang, M., Faimon, J., Pracný, P., Kejíková, S. (2017): A show cave management: Anthropogenic CO₂ in atmosphere of Výpustek Cave (Moravian Karst, Czech Republic). *Journal for Nature Conservation*, 35, 40–52.
WoS: IF₂₀₁₆: 1,657; **Q2** (20/54) in Biodiversity Conservation; **Q3** (88/153) in Ecology; počet citací: 3

Lang, M., Faimon, J., Godissart, J., Ek, C. (2017): Carbon dioxide seasonality in dynamically ventilated caves: the role of advective fluxes. *Theoretical and Applied Climatology*, 129, 3–4, 1355–1372.
WoS: IF₂₀₁₆: 2,640; **Q2** (30/85) in Meteorology & Atmospheric Sciences; počet citací: 2

Leichmann, J., Gnojek, I., **Novák, M.,** Sedlák, J., Houzar, S. (2017): Durbachites from the Eastern Moldanubicum (Bohemian Massif): erosional relics of large, flat tabular intrusions of ultrapotassic melts-geophysical and petrological record. *International Journal of Earth Sciences*, 106, 1, 59–77.
WoS: IF₂₀₁₆: 2,283; **Q2** (71/188) in Geosciences, Multidisciplinary; počet citací: 3

Nasdala, L., Corfu, F., Blaimauer, D., Chanmuang, C., Ruschel, K., **Škoda, R.,** Wildner, M., Wirth, R., Zeug, M., Zoysa, E.G. (2017): Neoproterozoic amorphous “ekanite” (Ca₂Th_{0.9}U_{0.1}Si₈O₂₀) from Okkampitiya, Sri Lanka: A metamict gemstone with excellent lead-retention performance. *Geology*, 45, 10, 919–922.
WoS: IF₂₀₁₆: 4,635; **Q1** (1/47) in Geology; počet citací: 0

Nehyba, S., Hanáček, M., Engel, Z., Stachon, Z. (2017): Rise and fall of a small ice-dammed lake – role of deglaciation processes and morphology. *Geomorphology*, 295, 662–679.
WoS: IF₂₀₁₆: 2,958; **Q2** (14/49) in Geography, Physical; **Q1** (41/188) in Geosciences, Multidisciplinary; počet citací: 3

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

Novák, A., Bábek, O., Kapusta, J. (2017): Late Quaternary tectonic switching of siliciclastic provenance in the strike-slip dominated foreland of the Western Carpathians; Upper Morava Basin, Bohemian Massif. *Sedimentary Geology*, 355, 58–74.
WoS: IF₂₀₁₆: 2,373; **Q1** (10/47) in Geology; počet citací: 3

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.
WoS: IF₂₀₁₆: 1,362; **Q2** (14/29) in Mineralogy; počet citací: 0

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.
WoS: IF₂₀₁₆: 1,362; **Q2** (14/29) in Mineralogy; počet citací: 5

Plášil, J., Škacha, P., Sejkora, J., Kampf, A., **Škoda, R.,** Čejka, J., Hloušek, J., Kasatkin, A., 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.
WoS: IF₂₀₁₆: 1,362; **Q2** (14/29) in Mineralogy; počet citací: 5

Pokorný, R., **Krmíček, L.,** Sudo, M. (2017): An endemic ichnoassemblage from a late Miocene paleolake in SE Iceland. *Palaeogeography Palaeoclimatology Palaeoecology*, 485, 761–773.
WoS: IF₂₀₁₆: 2,578; **Q2** (18/49) in Geography, Physical; **Q2** (53/188) in Geosciences, Multidisciplinary; **Q1** (5/54) in Paleontology; počet citací: 1

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.
WoS: IF₂₀₁₆: 3,379; **Q1** (6/42) in Spectroscopy; **Q1** (17/76) in Chemistry, Analytical; počet citací: 7

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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: IF₂₀₁₆: 1,431; **Q2** (21/54) in Paleontology; počet citací: 0

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.

WoS: IF₂₀₁₆: 3,347; **Q1** (17/84) in Geochemistry & Geophysics; počet citací: 1

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WoS: IF₂₀₁₆: 2,373; **Q1** (10/47) in Geology; počet citací: 3

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

2016 (celkem 24 článků, 15 studentů spoluautorů – červeně)

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WoS: IF₂₀₁₅: 2,236; **Q1** (8/47) in Geology; počet citací: 14

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WoS: IF₂₀₁₅: 1,918; **Q2** (9/29) in Mineralogy; **Q2** (37/81) in Geochemistry & Geophysics; počet citací: 7

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.

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WoS: IF₂₀₁₅: 1,636; **Q1** (21/84) in Anthropology; počet citací: 5

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

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WoS: IF₂₀₁₅: 8,743; **Q1** (2/184) in Geosciences, Multidisciplinary; počet citací: 6

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.

WoS: IF₂₀₁₅: 3,294; **Q1** (28/184) in Geosciences, Multidisciplinary; **Q2** (26/88) in Energy & Fuels; počet citací: 6

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WoS: IF₂₀₁₅: 2,893; **Q1** (17/75) in Chemistry, Analytical; počet citací: 6

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WoS: IF₂₀₁₅: 3,143; **Q1** (2/54) in Paleontology; **Q2** (19/46) in Evolutionary Biology; počet citací: 10

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.

WoS: IF₂₀₁₅: 3,289; **Q1** (8/43) in Spectroscopy; počet citací: 13

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WoS: IF₂₀₁₅: 2,474; **Q2** (47/184) in Geosciences, Multidisciplinary; **Q1** (19/104) in Computer Science, Interdisciplinary Applications; počet citací: 3

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

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WoS: IF₂₀₁₅: 4,548; **Q1** (1/47) in Geology; počet citací: 5

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WoS: IF₂₀₁₅: 2,135; **Q2** (22/49) in Geography, Physical; **Q2** (64/184) in Geosciences, Multidisciplinary; počet citací: 3

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

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WoS: IF₂₀₁₅: 1,636; **Q1** (21/84) in Anthropology; počet citací: 0

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WoS: IF₂₀₁₅: 1,636; **Q1** (21/84) in Anthropology; počet citací: 2

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WoS: IF₂₀₁₅: 2,768; **Q1** (8/85) in Water Resources; počet citací: 5

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WoS: IF₂₀₁₅: 1,322; **Q3** (28/54) in Paleontology; **Q2** (23/49) in Biodiversity Conservation; počet citací: 6

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WoS: IF₂₀₁₅: 2,813; **Q1** (12/49) in Geography, Physical; **Q1** (34/184) in Geosciences, Multidisciplinary; počet citací: 7

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

WoS: IF₂₀₁₅: 2,813; **Q1** (12/49) in Geography, Physical; **Q1** (34/184) in Geosciences, Multidisciplinary; počet citací: 7

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

WoS: IF₂₀₁₅: 2,813; **Q1** (12/49) in Geography, Physical; **Q1** (34/184) in Geosciences, Multidisciplinary; počet citací: 14

Weiner, T., Kalvoda, J. (2015): Biostratigraphic and sedimentary record of the Annulata Events in the Moravian Karst (Famennian, Czech Republic). *Facies*, 62, 1, nestránkováno.

WoS: IF₂₀₁₅: 1,690; **Q2** (17/47) in Geology; **Q2** (19/54) in Paleontology; počet citací: 3

2015 (celkem 21 článků, 7 studentů spoluautorů – červeně)

Čopjaková, R., Škoda, R., Vašinová Galiová, M., **Novák, M., Cempírek, J.** (2015): Sc- and REE-rich tourmaline replaced by Sc-rich REE-bearing epidote-group mineral from the mixed (NYF plus LCT) Křovice pegmatite (Moldanubian Zone, Czech Republic). *American Mineralogist*, 100, 7, 1434–1451.

WoS: IF₂₀₁₄: 1,964; **Q2** (9/28) in Mineralogy; **Q2** (37/79) in Geochemistry & Geophysics; počet citací: 10

Dill, H., **Škoda, R.** (2015): The new Nb-P apatite at Reinhardtsrieth: A keystone in the lateral and depth zonations of the Hagendorf-Pleystein Pegmatite Field, SE Germany. *Ore Geology Reviews*, 70, 208–227.

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Fridrichová, J., Bačík, P., Rusinová, P., Antal, P., **Škoda, R.**, Bizovska, V., Miglierini, M. (2015): Optical and crystal-chemical changes in aquamarines and yellow beryls from Thanh Hoa province, Vietnam induced by heat treatment. *Physics and Chemistry of Minerals*, 42, 4, 287–302.

WoS: IF₂₀₁₄: 1,538; **Q3** (136/260) in Materials Science, Multidisciplinary; **Q2** (12/28) in Mineralogy; počet citací: 6

Geršlová, E., Opletal, V., Sýkorová, I., **Sedláková, I.**, Geršl, M. (2015): A geochemical and petrographical characterization of organic matter in the Jurassic Mikulov Marls from the Czech Republic. *International Journal of Coal Geology*, 141–142, 42–50.

WoS: IF₂₀₁₄: 3,381; **Q1** (21/175) in Geosciences, Multidisciplinary; **Q2** (23/89) in Energy & Fuels; počet citací: 10

Holcová, K., **Hrabovský, J.**, Nehyba, S., Hladilová, Š., **Doláková, N.**, Demény, A. (2015): The Langhian (Middle Badenian) carbonate production event in the Moravian part of the Carpathian Foredeep (Central Paratethys): a multiproxy record. *Facies*, 61, 1, nestránkováno.

WoS: IF₂₀₁₄: 1,448; **Q2** (19/46) in Geology; **Q2** (18/50) in Paleontology; počet citací: 13

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.

WoS: IF₂₀₁₄: 3,984; **Q1** (3/23) in Crystallography; počet citací: 3

Kalvoda, J., Kumpan, T., Bábek, O. (2015): Upper Famennian and Lower Tournaisian sections of the Moravian Karst (Moravo-Silesian Zone, Czech Republic): a proposed key area for correlation of the conodont and foraminiferal zonations. *Geological Journal*, 50, 1, 17–38.

WoS: IF₂₀₁₄: 1,627; **Q2** (85/175) in Geosciences, Multidisciplinary; počet citací: 23

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

WoS: IF₂₀₁₄: 1,349; **Q2** (14/28) in Mineralogy; **Q3** (47/79) in Geochemistry & Geophysics; počet citací: 6

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

WoS: IF₂₀₁₄: 4,482; **Q1** (2/28) in Mineralogy; **Q1** (6/79) in Geochemistry & Geophysics; počet citací: 14

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

WoS: IF₂₀₁₄: 1,515; **Q3** (95/175) in Geosciences, Multidisciplinary; **Q2** (13/50) in Paleontology; počet citací: 15

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

WoS: IF₂₀₁₄: 1,656; **Q2** (81/175) in Geosciences, Multidisciplinary; počet citací: 9

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

Plášil, J., **Škoda, R.** (2015): New crystal-chemical data for marecottite. *Mineralogical Magazine*, 79, 3, 649–660.

WoS: IF₂₀₁₄: 2,026; **Q2** (8/28) in Mineralogy; počet citací: 4

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

WoS: IF₂₀₁₄: 3,318; **Q1** (14/79) in Geochemistry & Geophysics; počet citací: 2

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

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

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.

WoS: IF₂₀₁₄: 2,062; **Q3** (24/46) in Geography, Physical; **Q2** (63/175) in Geosciences, Multidisciplinary; počet citací: 9

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

WoS: IF₂₀₁₄: 2,639; **Q1** (40/175) in Geosciences, Multidisciplinary; počet citací: 17

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

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

Špaček, P., **Bábek, O.**, Štěpančíková, P., Švancara, J., Pazdírková, J., Sedláček, J. (2015): The Nysa-Morava Zone: an active tectonic domain with Late Cenozoic sedimentary grabens in the Western Carpatians' foreland (NE Bohemian Massif). *International Journal of Earth Sciences*, 104, 4, 963–990.

WoS: IF₂₀₁₄: 2,093; **Q2** (62/175) in Geosciences, Multidisciplinary; počet citací: 14

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

WoS: IF₂₀₁₄: 3,466; **Q1** (6/44) in Spectroscopy; **Q1** (12/74) in Chemistry, Analytical; počet citací: 2

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.

WoS: IF₂₀₁₄: 3,558; **Q1** (3/46) in Geology; **Q1** (4/28) in Mineralogy; **Q1** (1/20) in Mining & Mineral Processing; počet citací: 12

2014 (celkem 23 článků, 6 studentů spoluautorů – červeně)

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.

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: 31

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.

WoS: IF₂₀₁₃: 1,898; **Q2** (9/27) in Mineralogy; počet citací: 8

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.

WoS: IF₂₀₁₃: 2,129; **Q2** (19/44) in Spectroscopy; počet citací: 1

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.

WoS: IF₂₀₁₃: 2,469; **Q2** (48/174) in Geosciences, Multidisciplinary; počet citací: 1

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

WoS: IF₂₀₁₃: 1,572; **Q3** (113/216) in Environmental Sciences; **Q2** (80/174) in Geosciences, Multidisciplinary; **Q2** (33/81) in Water Resources; počet citací: 4

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

WoS: IF₂₀₁₃: 2,741; **Q1** (4/44) in Geology; počet citací: 23

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WoS: IF₂₀₁₃: 2,059; **Q2** (8/27) in Mineralogy; **Q2** (33/80) in Geochemistry & Geophysics; počet citací: 16

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.

WoS: IF₂₀₁₃: 2,800; **Q1** (32/174) in Geosciences, Multidisciplinary; počet citací: 0

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WoS: IF₂₀₁₃: 2,059; **Q2** (8/27) in Mineralogy; **Q2** (33/80) in Geochemistry & Geophysics; počet citací: 9

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WoS: IF₂₀₁₃: 2,177; **Q2** (55/174) in Geosciences, Multidisciplinary; počet citací: 23

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WoS: IF₂₀₁₃: 2,128; **Q3** (24/46) in Geography, Physical; **Q2** (58/174) in Geosciences, Multidisciplinary; počet citací: 3

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WoS: IF₂₀₁₃: 1,898; **Q2** (9/27) in Mineralogy; počet citací: 6

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

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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: 15

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

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WoS: IF₂₀₁₃: 3,150; **Q1** (8/44) in Spectroscopy; počet citací: 24

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WoS: IF₂₀₁₃: 2,139; **Q2** (56/174) in Geosciences, Multidisciplinary; počet citací: 7

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WoS: IF₂₀₁₃: 1,594; **Q1** (16/82) in Anthropology; počet citací: 8

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2013 (celkem 25 článků, 11 studentů spoluautorů - červeně)

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WoS: IF₂₀₁₂: 1,802; **Q1** (11/47) in Geology; počet citací: 23

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

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WoS: IF₂₀₁₂: 2,212; **Q1** (6/26) in Mineralogy; počet citací: 8

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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: 15

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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: 7

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WoS: IF₂₀₁₂: 1,681; Q2 (9/26) in Mineralogy; Q2 (34/76) in Geochemistry & Geophysics; počet citací: 8

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.

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

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WoS: IF₂₀₁₂: 2,076; Q2 (85/210) in Environmental Sciences; Q2 (55/161) in Public, Environmental & Occupational Health; Q1 (18/80) in Water Resources; Q2 (17/42) in Engineering, Environmental; počet citací: 12

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

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

WoS: IF₂₀₁₂: 1,439; Q2 (24/83) in Anthropology; počet citací: 11

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

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.

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

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.

WoS: IF₂₀₁₂: 3,218; Q1 (8/45) in Geography, Physical; Q1 (22/172) in Geosciences, Multidisciplinary; počet citací: 7

Plášil, J., Fejfarová, K., Dušek, M., **Škoda, R.,** Rohlíček, J. (2013): Revision of the symmetry and the crystal structure of čejkaite, $\text{Na}_4(\text{UO}_2)(\text{CO}_3)_3$. *American Mineralogist*, 2013, 98, 4, 549–553.

WoS: IF₂₀₁₂: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 6

Plášil, J., Fejfarová, K., Čejka, J., Dušek, M., **Škoda, R.,** Sejkora, J. (2013): Revision of the crystal structure and chemical formula of haiweeite, $\text{Ca}(\text{UO}_2)_2(\text{Si}_5\text{O}_{12})(\text{OH})_2 \cdot 6\text{H}_2\text{O}$. *American Mineralogist* 98, 4, 718–723.

WoS: IF₂₀₁₂: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 8

Plášil, J., Fejfarová, K., **Škoda, R.**, Dušek, M., Marty, J., Čejka, J. (2013): The crystal structure of magnesiozippeite, $\text{Mg}[(\text{UO}_2)_2\text{O}_2(\text{SO}_4)](\text{H}_2\text{O})_{3.5}$, from East Saddle Mine, San Juan County, Utah (USA). *Mineralogy and Petrology*, 107, 2, 211–219.

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

Plášil, J., Fejfarová, K., Hloušek, J., **Škoda, R.**, Novák, M., Sejkora, J., Čejka, J., Dušek M., Veselovský, F., Ondruš, P., Majzlan, J., Mrázek Z. (2013): Štěpíte, $\text{U}(\text{AsO}_3\text{OH})_2 \cdot 4\text{H}_2\text{O}$, from Jáchymov, Czech Republic: the first natural arsenate of tetravalent uranium. *Mineralogical Magazine*, 77, 1, 137–152.

WoS: IF₂₀₁₂: 2,212; **Q1** (6/26) in Mineralogy; počet citací: 8

Plášil, J., Hloušek, J., **Škoda, R.**, Novák, M., Sejkora, J., Čejka, J., Veselovský, F., Majzlan, J. (2013): Vysokýite, $\text{U}^{4+}[\text{AsO}_2(\text{OH})_2]_4 \cdot 4\text{H}_2\text{O}$, a new mineral from Jáchymov, Czech Republic. *Mineralogical Magazine*, 77, 8, 3055–3066.

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

Plášil, J., Kampf, A., Kasatkin, A., Marty, J., **Škoda, R.**, Silva, S., Čejka, J. (2013): Meisserite, $\text{Na}_5(\text{UO}_2)(\text{SO}_4)_3(\text{SO}_3\text{OH})(\text{H}_2\text{O})$, a new uranyl sulfate mineral from the Blue Lizard mine, San Juan County, Utah, USA. *Mineralogical Magazine*, 77, 7, 2975–2988.

WoS: IF₂₀₁₂: 2,212; **Q1** (6/26) in Mineralogy; počet citací: 21

Plášil, J., Kasatkin, A., **Škoda, R.**, Novák, M., Kallistová, A., Dušek, M., Skála, R., Fejfarová, K., Čejka, J., Meisser, N., Goethals, H., Machovič, V., Lapčák, L. (2013): Leydetite, $\text{Fe}(\text{UO}_2)(\text{SO}_4)_2(\text{H}_2\text{O})_{11}$, a new uranyl sulfate mineral from Mas d'Alary, Lodeve, France. *Mineralogical Magazine*, 77, 4, 429–441.

WoS: IF₂₀₁₂: 2,212; **Q1** (6/26) in Mineralogy; počet citací: 12

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WoS: IF₂₀₁₂: 1,304; **Q2** (113/241) in Materials Science, Multidisciplinary; **Q2** (11/26) in Mineralogy; počet citací: 11

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.

WoS: IF₂₀₁₂: 3,498; **Q1** (12/75) in Chemistry, Analytical; počet citací: 17

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.

WoS: IF₂₀₁₂: 1,962; **Q2** (21/45) in Geography, Physical; **Q2** (58/172) in Geosciences, Multidisciplinary; počet citací: 9

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.

WoS: IF₂₀₁₂: 1,962; **Q2** (21/45) in Geography, Physical; **Q2** (58/172) in Geosciences, Multidisciplinary; počet citací: 10

2012 (celkem 18 článků, 10 studentů spoluautorů - červeně)

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.

WoS: IF₂₀₁₁: 3,518; **Q1** (7/76) in Geochemistry & Geophysics; počet citací: 22

Černý, P., London, D., **Novák, M.** (2012): Granitic pegmatites as reflections of their sources. *Elements*, 8, 289–294.

WoS: IF₂₀₁₁: 2,423; **Q1** (5/26) in Mineralogy; **Q2** (21/176) in Geochemistry & Geophysics; počet citací: 67

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.

WoS: IF₂₀₁₁: 2,906; **Q1** (17/71) in Meteorology & Atmospheric Sciences; počet citací: 33

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.

WoS: IF₂₀₁₁: 2,000; **Q2** (48/170) in Geosciences, Multidisciplinary; počet citací: 21

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, $K_2(UO_2)_2(Si_5O_{13}) \cdot 4H_2O$. *American Mineralogist*, 97, 750–754.

WoS: IF₂₀₁₁: 2,169; **Q1** (6/26) in Mineralogy; **Q2** (26/76) in Geochemistry & Geophysics; počet citací: 3

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.

WoS: IF₂₀₁₁: 4,259; **Q1** (3/76) in Geochemistry & Geophysics; počet citací: 41

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.

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

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 ($FeAsO_4 \cdot 2H_2O$), kaňkite ($FeAsO_4 \cdot 3.5H_2O$), and $FeAsO_4$. *Hydrometallurgy*, 117–118, 47–56.

WoS: IF₂₀₁₁: 2,027; **Q1** (5/75) in Metallurgy & Metallurgical Engineering; počet citací: 31

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.

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: 25

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, $(K,Na)_3Na[(UO_2)(CO_3)_3](H_2O)$, from Jáchymov, Czech Republic. *Mineralogical Magazine*, 76, 446–453.

WoS: IF₂₀₁₁: 1,321; **Q2** (12/26) in Mineralogy; počet citací: 3

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, $Cu_3(OH)_2[(UO_2)_4O_4(SO_4)_2](H_2O)_{12}$. *American Mineralogist*, 97, 1796–1803.

WoS: IF₂₀₁₁: 2,169; **Q1** (6/26) in Mineralogy; **Q2** (26/76) in Geochemistry & Geophysics; počet citací: 16

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, $Fe[(UO_2)_2(SO_4)_2(OH)_2](H_2O)_7$. *Mineralogical Magazine*, 76, 2837–2860.

WoS: IF₂₀₁₁: 1,321; **Q2** (12/26) in Mineralogy; počet citací: 16

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WoS: IF₂₀₁₁: 2,169; **Q1** (6/26) in Mineralogy; **Q2** (26/76) in Geochemistry & Geophysics; počet citací: 23

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WoS: IF₂₀₁₁: 2,104; **Q2** (44/170) in Geosciences, Multidisciplinary; počet citací: 4

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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.

WoS: IF₂₀₁₁: 1,537; **Q2** (13/47) in Geology; počet citací: 14

Škoda, R., Cempírek, J., Filip, J., **Novák, M.,** Veselovský, F., Čtvrtlík, R. (2012): Allanite-(Nd), $\text{CaNdAl}_2\text{Fe}^{2+}(\text{SiO}_4)(\text{Si}_2\text{O}_7)\text{O}(\text{OH})$, a new mineral from Åskagen, Sweden. *American Mineralogist*, 97, 5-6, 983–988.

WoS: IF₂₀₁₁: 2,169; **Q1** (6/26) in Mineralogy; **Q2** (26/76) in Geochemistry & Geophysics; počet citací: 9

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.

WoS: IF₂₀₁₁: 1,572; **Q1** (3/32) in Materials Science, Characterization & Testing; počet citací: 6

2011 (celkem 15 článků, 11 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.

WoS: IF₂₀₁₀: 1,893; **Q2** (12/32) in Soil Science; **Q1** (13/76) in Water Resources; **Q2** (55/167) in Geosciences, Multidisciplinary; počet citací: 29

Bábek, O., Chlachula, J., Matys Grygar, T. (2011): Non-magnetic indicators of pedogenesis related to loess magnetic enhancement and depletion: Examples from the Czech Republic and southern Siberia. *Quaternary Science Reviews*, 30, 7-8, 967–979.

WoS: IF₂₀₁₀: 4,567; **Q1** (2/42) in Geography, Physical; **Q1** (6/167) in Geosciences, Multidisciplinary; počet citací: 22

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

WoS: IF₂₀₁₀: 3,121; **Q1** (3/27) in Mineralogy; **Q1** (13/77) in Geochemistry & Geophysics; počet citací: 18

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WoS: IF₂₀₁₀: 2,026; **Q2** (7/27) in Mineralogy; **Q2** (27/77) in Geochemistry & Geophysics; počet citací: 229

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.

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: 18

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.

WoS: IF₂₀₁₀: 1,202; **Q2** (24/48) in Paleontology; **Q3** (88/167) in Geosciences, Multidisciplinary; počet citací: 6

Kocourková, E., Šrámek, 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.

WoS: IF₂₀₁₀: 2,125; **Q2** (24/77) in Geochemistry & Geophysics; počet citací: 22

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.

WoS: IF₂₀₁₀: 4,026; **Q1** (1/48) in Geology; počet citací: 85

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.

WoS: IF₂₀₁₀: 3,121; **Q1** (3/27) in Mineralogy; **Q1** (13/77) in Geochemistry & Geophysics; počet citací: 24

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.

WoS: IF₂₀₁₀: 3,137; **Q1** (9/42) in Spectroscopy; počet citací: 6

Matys Grygar, T., **Sedláček, J.,** Bábek, O., Nováková, T., Strnad, L., Mihaljevič, M. (2011): Regional Contamination of Moravia (South-Eastern Czech Republic): Temporal shifts of Pb and Zn loading in fluvial sediments. *Water Air and Soil Pollution*, 223, 7399–753.

WoS: IF₂₀₁₀: 1,765; **Q2** (31/68) in Meteorology & Atmospheric Sciences; **Q1** (19/76) in Water Resources; **Q2** (86/193) in Environmental Sciences; počet citací: 23

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.

WoS: IF₂₀₁₂: 2,676; **Q1** (3/18) in Limnology; **Q1** (44/193) in Environmental Sciences; **Q1** (24/167) in Geosciences, Multidisciplinary; počet citací: 15

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.

WoS: IF₂₀₁₀: 2,026; **Q2** (7/27) in Mineralogy; **Q2** (27/77) in Geochemistry & Geophysics; počet citací: 32

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.

WoS: IF₂₀₁₀: 2,026; **Q2** (7/27) in Mineralogy; **Q2** (27/77) in Geochemistry & Geophysics; počet citací: 11

Vlačíky, M., Nývlt, D., Michalík, T., Nývtová Fišáková, M., Moravcová, M., Králík, M., Kovanda, J., Pěková, K., **Přichystal, A.,** Dohnalová, A. (2011): 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.

WoS: IF₂₀₁₀: 1,768; **Q2** (18/42) in Geography, Physical; **Q2** (59/167) in Geosciences, Multidisciplinary; počet citací: 9

2010 (celkem 23 článků, 10 studentů spoluautorů – červeně)

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.

WoS: IF₂₀₀₉: 1,597; **Q2** (74/214) in Materials Science, Multidisciplinary; **Q2** (7/27) in Mineralogy; počet citací: 6

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.

WoS: IF₂₀₀₉: 2,565; **Q2** (28/77) in Toxicology; **Q1** (41/181) in Environmental Sciences; počet citací: 10

Cempírek, J., Novák, M., Dolníček, Z., Kotková, J., Škoda, R. (2010): Crystal chemistry and origin of grandierite, ominelite, boralsilite and werdingite from the Bory Granulite Massif, Czech Republic. *American Mineralogist*, 95, 10, 1533–1547.

WoS: IF₂₀₀₉: 1,859; **Q1** (6/27) in Mineralogy; **Q2** (24/75) in Geochemistry & Geophysics; počet citací: 23

Čobič, A., Bermanec, V., Tomašič, N., **Škoda, R.** (2010): The hydrothermal recrystallization of metamict allanite-(Ce). *Canadian Mineralogist*, 48, 3, 513–521.

WoS: IF₂₀₀₉: 1,290; **Q2** (13/27) in Mineralogy; počet citací: 7

Doláková, N., Roszková, A., Přichystal, A. (2010): Palynology and natural environment in the pannonian to holocene sediments of the early Mmedieval centre Pohansko near Břeclav (Czech Republic). *Journal of Archaeological Science*, 37, 10, 2538–2550.

WoS: IF₂₀₀₉: 1,847; **Q2** (46/155) in Geosciences, Multidisciplinary; počet citací: 9

Franců, E., Schwarzbauer, J., Lána, R., Nývlt, D., Nehyba, S. (2010): Historical Changes in Levels of Organic Pollutants in Sediment Cores from Brno Reservoir, Czech Republic. *Water Air and Soil Pollution*, 209, 1-4, 81–91.

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: 12

Frost, R.L., Bahfenne, S., Čejka, J., Sejkora, J., Palmer, S.L., **Škoda, R.** (2010): Raman microscopy of haidingerite $\text{Ca}(\text{AsO}_3\text{OH}) \cdot \text{H}_2\text{O}$ and brassite $\text{Mg}(\text{AsO}_3\text{OH}) \cdot 4\text{H}_2\text{O}$. *Journal of Raman Spectroscopy*, 41, 6, 690–693.

WoS: IF₂₀₀₉: 3,147; **Q1** (7/39) in Spectroscopy; počet citací: 21

Galiová, M., Kaiser, J., Novotný, K. **Ivanov, M.**, Nývltová 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.

WoS: IF₂₀₀₉: 3,480; **Q2** (17/67) in Biochemical Research Methods; **Q1** (6/70) in Chemistry, Analytical; počet citací: 19

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

WoS: IF₂₀₀₉: 2,565; **Q2** (28/77) in Toxicology; **Q1** (41/181) in Environmental Sciences; počet citací: 19

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WoS: IF₂₀₀₉: 4,605; **Q1** (4/155) in Geosciences, Multidisciplinary; počet citací: 73

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.

WoS: IF₂₀₀₉: 1,333; **Q2** (75/155) in Geosciences, Multidisciplinary; počet citací: 5

Koptíková, L. **Bábek, O.**, Hladil, J., **Kalvoda, J.**, Slavík, L. (2010): Stratigraphic significance and resolution of spectral reflectance logs in Lower Devonian carbonates of the Barrandian area, Czech Republic; a correlation with magnetic susceptibility and gamma-ray logs. *Sedimentary Geology*, 2225, 3-4, 83–98.

WoS: IF₂₀₀₉: 1,957; **Q1** (8/49) in Geology; počet citací: 43

Kotková, J., Harley, S.L. (2010): Anatexis during high-pressure crustal metamorphism: evidence from garnet-whole rock REE relationships and zircon-rutile Ti-Zr thermometry in leucogranulites from the Bohemian Massif. *Journal of Petrology*, 51, 10, 1967–2001.

WoS: IF₂₀₀₉: 3,738; **Q1** (4/75) in Geochemistry & Geophysics; počet citací: 39

Kotková, J., Schaltegger, U., **Leichmann, J.** (2010): Two types of ultrapotassic plutonic rocks in the Bohemian Massif - Coeval intrusions at different crustal levels. *Lithos*, 115, 1-4, 163–176.

WoS: IF₂₀₀₉: 3,537; **Q1** (2/27) in Mineralogy; **Q1** (6/75) in Geochemistry & Geophysics; počet citací: 43

Kučera, J., Muchez, P., **Slobodník, M.**, Prochaska, W. (2010): Geochemistry of highly saline fluids in the Moravo-Silesian Palaeozoic siliciclastic sequences: genetic implications. *International Journal of Earth Sciences*, 99, 2, 269–284.

WoS: IF₂₀₀₉: 2,445; **Q1** (28/155) in Geosciences, Multidisciplinary; počet citací: 8

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.

WoS: IF₂₀₀₉: 2,646; **Q1** (6/41) in Paleontology; **Q1** (8/36) in Geography, Physical; **Q1** (23/155) in Geosciences, Multidisciplinary; počet citací: 38

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.

WoS: IF₂₀₀₉: 2,059; **Q2** (39/155) in Geosciences, Multidisciplinary; počet citací: 30

Novák, M., Filip, J. (2010): Unusual (Na,Mg)-enriched beryl and its breakdown products (beryl II, bazzite, bavenite) from euxenite type NYF pegmatite related to the orogenic ultrapotassic Třebíč Pluton, Czech Republic. *Canadian Mineralogist*, 48, 3, 615–628.

WoS: IF₂₀₀₉: 1,290; **Q2** (13/27) in Mineralogy; počet citací: 18

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.

WoS: IF₂₀₀₉: 1,290; **Q2** (13/27) in Mineralogy; počet citací: 8

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.

WoS: IF₂₀₀₉: 3,480; **Q2** (17/67) in Biochemical Research Methods; **Q1** (6/70) in Chemistry, Analytical; počet citací: 28

Plášil, J., Sejkora, J., Čejka, J., **Novák, M.**, Viňals, J., Ondruš, P., Veselovský, F., Škácha, P., Jehlička, J., Goliáš, V., Hloušek, J. (2010): Metarauchite, Ni(UO₂)₂(AsO₄)₂ · 8H₂O, from Jáchymov, Czech Republic, and Schneeberg, Germany: a new member of the autunite group. *Canadian Mineralogist*, 48, 335–350.

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

Sejkora, J., **Plášil, J.**, Ondruš, P., Veselovský, F., Císařová, I., Hloušek, J. (2010): Slavkovite, Cu₁₃(AsO₄)₆(AsO₃OH)₄ · 23H₂O, a new mineral species from Horní Slavkov and Jáchymov, Czech Republic: Description and crystal structure determination. *Canadian Mineralogist*, 48, 5, 1157–1170.

WoS: IF₂₀₀₉: 1,290; **Q2** (13/27) in Mineralogy; počet citací: 7

Tomašić, N., Gajović, A., Bermanec, V., Linarić, M.R., Su, D.S., **Škoda, R.** (2010): Preservation of samarskite structure in a metamict ABO₄ mineral: a key to crystal structure identification. *European Journal of Mineralogy*, 22, 3, 435–442.

WoS: IF₂₀₀₉: 1,450; **Q2** (9/27) in Mineralogy; počet citací: 2

2009 (celkem 15 článků, 6 studentů spoluautorů – červeně)

Bhattacharya, P., Hasan, M.A., **Šrámek, 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.

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: 34

Boháč M., **Gregerová M.** (2009): The influence of blast-furnace slag hydration products on microcracking of concrete. *Materials Characterization*, 60, 7, 729–734.

WoS: IF₂₀₀₈: 1,225; **Q1** (4/28) in Materials Science, Characterization & Testing; počet citací: 10

Bradák, B., Szakmány, G., Jósza, S., **Přichystal, A.** (2009): Application of magnetic susceptibility measurement on polished stone tools from Western Hungary and Eastern Part of the Czech Republic (Central Europe). *Journal of Archaeological Science*, 36, 10, 2437–2444.

WoS: IF₂₀₀₈: 1,779; **Q2** (46/144) in Geosciences, Multidisciplinary; počet citací: 8

da Silva, J.C., Vargas, E.D., **Šráček, O.** (2009): Modeling Multiphase Reactive Transport in a Waste Rock Pile with Convective Oxygen Supply. *Vadose Zone Journal*, 8, 4, 1038–1050.

WoS: IF₂₀₀₈: 1,441; **Q2** (13/31) in Soil Science; **Q1** (14/60) in Water Resources; **Q3** (82/163) in Environmental Sciences; počet citací: 6

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.

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

Gregerová, M., Všíanský, D. (2009): Identification of concrete deteriorating minerals by polarizing and scanning electron microscopy. *Materials Characterization*, 60, 7, 680–685.

WoS: IF₂₀₀₈: 1,225; **Q1** (4/28) in Materials Science, Characterization & Testing; počet citací: 8

Grygar, T., Světlík, I., **Lisá, L.**, Koptíková, L., Bajer, A., Wray, D.S., Ettler, V., Mihaljevič, M., Nováková, T., Koubová, M., Novák, J., Máčka, Z., Smetana, M. (2009): Geochemical tools for the stratigraphic correlation of floodplain deposits of the Morava River in Strážnické Pomoraví, Czech Republic from the last millennium. *Catena*, 80, 1, 106–121.

WoS: IF₂₀₀₈: 1,874; **Q2** (9/31) in Soil Science; **Q1** (11/60) in Water Resources; **Q2** (42/144) in Geosciences, Multidisciplinary; počet citací: 52

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.

WoS: IF₂₀₀₈: 4,235; **Q1** (3/64) in Geochemistry & Geophysics; počet citací: 19

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WoS: IF₂₀₀₈: 0,892; **Q2** (20/42) in Geology; počet citací: 7

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WoS: IF₂₀₀₈: 2,961; **Q1** (26/163) in Environmental Sciences; **Q1** (16/144) in Geosciences, Multidisciplinary; počet citací: 11

Kříbek, B., Žák, K., Dobes, P., **Leichmann, J.**, Pudilova, M., Rene, M., Scharm, B., Scharnova, M., Hajek, A., Holeczy, D., Hein, U.F., Lehmann, B. (2009): The Rozna uranium deposit (Bohemian Massif, Czech Republic): shear zone-hosted, late Variscan and post-Variscan hydrothermal mineralization. *Mineralium Deposita*, 44, 99–128.

WoS: IF₂₀₀₈: 2,037; **Q1** (5/25) in Mineralogy; **Q2** (20/64) in Geochemistry & Geophysics; počet citací: 24

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WoS: IF₂₀₀₈: 1,970; **Q2** (39/144) in Geosciences, Multidisciplinary; počet citací: 8

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WoS: IF₂₀₀₈: 2,396; **Q1** (29/156) in Plant Sciences; počet citací: 36

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WoS: IF₂₀₀₈: 1,225; **Q1** (4/28) in Materials Science, Characterization & Testing; počet citací: 17

Svoboda, J., Králík, M., Čulíková, V., **Hladilová, Š.**, Novák, M., Nývltová Fišáková, M., Nývlt, D., Zelinková, M. (2009): Pavlov VI: an Upper Palaeolithic living unit. *Antiquity*, 83, 320, 282–295.

WoS: IF₂₀₀₈: 0,844; **Q2** (24/61) in Anthropology; počet citací: 17

2008 (celkem 11 článků, 6 studentů spoluautorů – červeně)

Bábek, O., Hilscherová, K., **Nehyba, S.**, **Zeman, J.**, **Faměra, M.**, Franců, J., Holoubek, I., Machát, J., Klánová, J. (2008): Contamination history of suspended river sediments accumulated in oxbow lakes over the last 25 years (Morava River, Danube catchment area), Czech Republic. *Journal of Soils and Sediments* 8, 3, 165–176.

WoS: IF₂₀₀₇: 4,373; **Q1** (1/30) in Soil Science; počet citací: 50

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

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WoS: IF₂₀₀₇: 1,412; **Q2** (26/63) in Geochemistry & Geophysics; počet citací: 0

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WoS: IF₂₀₀₇: 2,203; **Q1** (4/25) in Mineralogy; **Q1** (13/63) in Geochemistry & Geophysics; počet citací: 3

Isaacson, P.E., Diaz-Martínez, G.W., Grader, G.W., **Kalvoda, J.**, **Bábek, O.**, Devuyst, F.-X. (2008): Late Devonian-earliest Mississippian glaciation in Gondwana and its biogeographic consequences. *Palaeogeography Palaeoclimatology Palaeoecology*, 268, 3-4, 126–142.

WoS: IF₂₀₀₇: 2,162; **Q1** (4/40) in Paleontology; **Q2** (8/31) in Geography, Physical; **Q1** (28/137) in Geosciences, Multidisciplinary; počet citací: 94

Kalvoda, J., **Bábek, O.**, Fatka, O., **Leichmann, J.**, **Melichar, R.**, **Nehyba, S.**, Špaček, P. (2008): Brunovistulian terrane (Bohemian Massif, Central Europe) from late Proterozoic to late Paleozoic: a review. *International Journal of Earth Sciences*, 97, 3, 497–517.

WoS: IF₂₀₀₇: 1,719; **Q2** (43/137) in Geosciences, Multidisciplinary; počet citací: 94

Matysová, M., **Leichmann, J.**, Grygar, T., Roessler, R. (2008): Cathodoluminescence of silicified trunks from the Permo-Carboniferous basins in eastern Bohemia, Czech Republic. *European Journal of Mineralogy*, 20, 217–231.

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

Mukherjee, A., von Brömssen, M., Scanlon, B.R., Bhattacharya, P., Fryar, A.E., Aziz Hasan, M., Matin Ahmed K., Chatterjee, D., Jacks, G., **Šrámek, O.** (2008): Hydrogeochemical comparison and effects of overlapping redox zones on groundwater arsenic near the Western (Bhagirathi sub-basin, India) and Eastern (Meghna sub-basin, Bangladesh) margins of the Bengal Basin. *Journal of Contaminant Hydrology*, 99, 1-4, 31–48.

WoS: IF₂₀₀₇: 1,852; **Q1** (5/59) in Water Resources; **Q2** (49/160) in Environmental Sciences; **Q2** (38/137) in Geosciences, Multidisciplinary; počet citací: 85

Novák, M., Johan, Z., **Škoda, R.**, Černý, P., Šrein, V., Veselovský, F. (2008): Primary oxide minerals in the system $\text{WO}_3 - \text{Nb}_2\text{O}_5 - \text{TiO}_2 - \text{Fe}_2\text{O}_3 - \text{FeO}$ and their breakdown products from the pegmatite No. 3 at Dolní Bory - Hatě, Czech Republic. *European Journal of Mineralogy*, 20, 4, 487–499.

WoS: IF₂₀₀₇: 1,206; **Q2** (12/25) in Mineralogy; počet citací: 14

Slobodník, M., Jacher-Śliwczynska, K., **Taylor, M.C.**, Schneider, J., Dolníček, Z. (2008): Plumbotectonic aspects of polymetallic vein mineralization in Paleozoic sediments and Proterozoic basement of Moravia (Czech Republic). *International Journal of Earth Sciences*, 97, 1, 1–18.

WoS: IF₂₀₀₇: 1,719; **Q2** (43/137) in Geosciences, Multidisciplinary; počet citací: 10

von Brömssen, M., Häller Larsson, S., Bhattacharya, P., Aziz Hasan, M., Matin Ahmed K., Jakariya, M., Mohiuddin A. S., **Šrámek, 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.

WoS: IF₂₀₀₇: 1,852; **Q1** (5/59) in Water Resources; **Q2** (49/160) in Environmental Sciences; **Q2** (38/137) in Geosciences, Multidisciplinary; počet citací: 45

2007 (celkem 10 článků, 4 studenti spoluautoři – červeně)

Buriánek, D., **Novák, M.** (2007): Compositional evolution and substitutions in disseminated and nodular tourmaline from leucocratic granites: Examples from the Bohemian Massif, Czech Republic. *Lithos*, 95, 1-2, 148–164.

WoS: IF₂₀₀₆: 2,203; **Q1** (3/26) in Mineralogy; **Q2** (16/59) in Geochemistry & Geophysics; počet citací: 35

Devuyst, F.-X., **Kalvoda, J.** (2007): Early evolution of the genus Eoparastaffella (Foraminifera) in Eurasia: the ‘interiecta group’ and related forms, late Tournaisian to early Viséan (Mississippian). *Journal of Foraminiferal Research*, 37, 1, 69–89.

WoS: IF₂₀₀₆: 1,791; **Q1** (7/36) in Paleontology; počet citací: 17

Filip, J., Zbořil, R., Schneeweiss, O., **Zeman, J.**, Černík, M., Kvapil, P., Otyepka, M. (2007): Environmental applications of chemically-pure natural ferrihydrite. *Environmental Science and Technology*, 41, 12, 4367–4374.

WoS: IF₂₀₀₆: 4,040; **Q1** (1/35) in Engineering, Environmental; **Q1** (4/144) in Environmental Sciences; počet citací: 79

Hasan, M.A., Ahmed, K.M., **Šrámek, O.**, Bhattacharya, P., von Brömssen, M., Broms, S., Fogelström, J., Mazumder, M.L., Jacks, G. (2007): Arsenic in shallow groundwater of Bangladesh: investigation from three different physiographic settings. *Hydrogeology Journal*, 15, 8, 1507–1522.

WoS: IF₂₀₀₆: 1,288; **Q1** (14/57) in Water Resources; **Q2** (54/131) in Geosciences, Multidisciplinary; počet citací: 78

Kotková, J., Gerdes, A., Parrish, R.R., **Novák, M.** (2007): Clasts of Variscan high-grade rocks within Upper Viséan conglomerates – a missing link in the late Variscan evolution of Central Europe: constraints from U-Pb chronology. *Journal of Metamorphic Geology*, 25, 7, 781–801.

WoS: IF₂₀₀₆: 2,350; **Q1** (2/37) in Geology; počet citací: 34

Milner, A.R., Klembara, J., **Dostál, O.** (2007): A Zatrachydid Temnospondyl from the Lower Permian of the Boskovice Furrow in Moravia (Czech Republic). *Journal of Vertebrate Paleontology*, 27, 3, 711–715.

WoS: IF₂₀₀₆: 1,418; **Q1** (9/55) in Paleontology; počet citací: 4

Slobodník, M., Jacher-Śliwczynska, K., Taylor, C.M., Schneider, J., Dolníček, Z. (2007): Plumbotectonic aspects of polymetallic vein mineralization in Paleozoic sediments and Proterozoic basement of Moravia (Czech Republic). *International Journal of Earth Sciences*, 97, 1, 1–18.

WoS: IF₂₀₀₆: 1,905; **Q1** (30/131) in Geosciences, Multidisciplinary; počet citací: 10

Škoda, R., **Novák, M.** (2007): Y,REE,Nb,Ta,Ti-oxide (AB₂O₆) minerals from REL-REE euxenite-subtype pegmatites of the Třebíč Pluton, Czech Republic; substitutions and fractionation trends. *Lithos*, 95, 1-2, 43–57.

WoS: IF₂₀₀₆: 2,203; **Q1** (3/26) in Mineralogy; **Q2** (16/59) in Geochemistry & Geophysics; počet citací: 32

Vencelides, Z., **Šrámek, O.**, Prommer, H. (2007): Iron cycling and its impact on the electron balance at a petroleum hydrocarbon contaminated site in Hnevice, Czech Republic. *Journal of Contaminant Hydrology*, 89, 3-4, 270–294.

WoS: IF₂₀₀₆: 1,717; **Q1** (4/57) in Water Resources; **Q2** (43/144) in Environmental Sciences; **Q2** (37/131) in Geosciences, Multidisciplinary; počet citací: 28

von Brömssen, M., Jakariya, M., Bhattacharya, P., Ahmed, K.M., Hasan, M. A., **Šrāček, O.**, Jonsson, L., Lundell, L., Jacks, G. (2007): Targeting low-arsenic aquifers in Matlab Upazila, Southeastern Bangladesh. *Science of the Total Environment*, 379, 2-3, 121–132.

WoS: IF₂₀₀₆: 2,359; **Q1** (28/144) in Environmental Sciences; počet citací: 117

2006 (celkem 16 článků, 9 studentů spoluautorů – červeně)

Barčová, K., Mashlan, M., Zbořil, R., **Filip, J.**, Podjuklová, J., Hrabovská, K., P. Schaaf (2006): Phase composition of steel-enamel interfaces: effects of chemical pre-treatment. *Surface & Coatings Technology*, 201, 3-4, 1836–1844.

WoS: IF₂₀₀₅: 1,646; **Q1** (3/19) in Materials Science, Coatings & Films; **Q2** (25/83) in Physics, Applied; počet citací: 13

Bertolo R., Hirata R., **Šrāček, O.** (2006): Geochemistry and geochemical modeling of unsaturated zone in a tropical region in Urania, Sao Paulo state, Brazil. *Journal of Hydrology*, 329, 1-2, 49–62.

WoS: IF₂₀₀₅: 1,745; **Q1** (4/57) in Water Resources; **Q1** (1/80) in Engineering, Civil; **Q1** (27/129) in Geosciences, Multidisciplinary; počet citací: 14

Bhattacharya, P., Claesson, M., Bundschuh, J., **Šrāček, O.**, Fagerberg, J., Jacks, G., Martin, R.A., del Stornio, A., Thir, J.M. (2006): Distribution and mobility of arsenic in the Río Dulce alluvial aquifers in Santiago del Estero Province, Argentina. *Science of the Total Environment*, 358, 1-3, 97–120.

WoS: IF₂₀₀₅: 2,224; **Q1** (22/140) in Environmental Sciences; počet citací: 138

Breiter, K., Förster, H.-J., **Škoda, R.** (2006): Extreme P-,Bi-,Nb-,Sc-,U- and F-rich zircon from fractionated perphosphorous granites: The peraluminous Podlesí granite system, Czech Republic. *Lithos*, 88, 1-4, 15–34.

WoS: IF₂₀₀₅: 2,243; **Q1** (3/25) in Mineralogy; **Q1** (13/55) in Geochemistry & Geophysics; počet citací: 59

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.

WoS: IF₂₀₀₅: 1,259; **Q2** (10/25) in Mineralogy; počet citací: 29

Ettler, V., Mihajlevič, M., Šebek, O. Molek, M., Grygar, T., **Zeman, J.** (2006): Geochemical and Pb isotopic evidence for sources and dispersal of metal contamination in stream sediments from the mining and smelting district Příbram, Czech Republic. *Environmental Pollution*, 142, 3, 27–35.

WoS: IF₂₀₀₅: 2,451; **Q1** (17/140) in Environmental Sciences; počet citací: 79

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.

WoS: IF₂₀₀₅: 2,224; **Q1** (22/140) in Environmental Sciences; počet citací: 47

Filip, J., Kolitsch, U., **Novák, M.**, Schneewiess, O. (2006): The crystal structure of near-end-member ferroaxinite from an iron-contaminated primitive pegmatite at Malešov, Czech Republic. *Canadian Mineralogist*, 44, 1159–1170.

WoS: IF₂₀₀₅: 1,259; **Q2** (10/25) in Mineralogy; počet citací: 5

Filip, J., **Novák, M.**, Beran, A., Zbořil, R. (2006): Crystal chemistry and OH defect concentrations in spodumene from different granitic pegmatites. *Physics and Chemistry of Minerals*, 32, 10, 733–746.

WoS: IF₂₀₀₅: 1,336; **Q2** (54/178) in Materials Science; **Q2** (8/25) in Mineralogy, Multidisciplinary; počet citací: 10

Hyršl, J., **Novák, M.**, **Škoda, R.** (2006): Gem-quality massive pink muscovite from Brazil. *Gems and Gemology*, 42, 65–66.

WoS: IF₂₀₀₅: 1,762; **Q1** (5/25) in Mineralogy; počet citací: 2

Chadima, M., Hrouda, F., **Melichar, R.** (2006): Magnetic fabric study of the SE Rhenohercynian Zone (Bohemian Massif): Implications for dynamics of the Paleozoic accretionary wedge. *Tectonophysics*, 418, 1-2, 93–109.

WoS: IF₂₀₀₅: 1,732; **Q2** (19/55) in Geochemistry & Geophysics; počet citací: 14

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.

WoS: IF₂₀₀₅: 1,899; **Q1** (4/35) in Paleontology; **Q2** (8/30) in Geography, Physical; **Q1** (24/129) in Geosciences, Multidisciplinary; počet citací: 208

Poty, E., **Devuyst, F.-X.**, Hance, L. (2006): Upper Devonian and Mississippian foraminiferal and rugose coral zonations of Belgium and Northern France: a tool for Eurasian correlations. *Geological Magazine*, 143, 6, 1–29.

WoS: IF₂₀₀₅: 1,299; **Q2** (46/129) in Geosciences, Multidisciplinary; počet citací: 121

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.

WoS: IF₂₀₀₅: 1,939; **Q1** (3/17) in Limnology; **Q1** (2/57) in Water Resources; **Q1** (30/140) in Environmental Sciences; počet citací: 271

Slobodnik, 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.

WoS: IF₂₀₀₅: 1,299; **Q2** (46/129) in Geosciences, Multidisciplinary; počet citací: 9

Taylor, M.C. (2006): The gel model for the formation of gem-bearing pockets within granitic pegmatites, and implications for gem synthesis. *Gems and Gemology*, 42, 3, 110–111.

WoS: IF₂₀₀₅: 1,762; **Q1** (5/25) in Mineralogy; počet citací: 8

2005 (celkem 3 články, 2 studenti spoluautoři – červeně)

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.

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

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.

WoS: IF₂₀₀₄: 2,567; **Q1** (2/23) in Mineralogy; **Q1** (9/50) in Geochemistry & Geophysics; počet citací: 38

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.

WoS: IF₂₀₀₄: 1,207; **Q2** (9/23) in Mineralogy; počet citací: 10

2004 (celkem 10 článků, 2 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., **Šrámek, O.** (2004): Arsenic enrichment in groundwater of the alluvial aquifers in Bangladesh: An overview. *Applied Geochemistry*, 19, 2, 181–200.

WoS: IF₂₀₀₃: 1,804; **Q2** (15/52) in Geochemistry & Geophysics; počet citací: 353

Broska, I., Williams, T., Uher, P., Konečný, P., **Leichmann, J.** (2004): The geochemistry of phosphorus in different granite suites of the Western Carpathians, Slovakia: the role of apatite and P-bearing feldspars. *Chemical Geology*, 205, 1-2, 224–236.

WoS: IF₂₀₀₃: 2,330; **Q1** (10/52) in Geochemistry & Geophysics; počet citací: 46

Faimon, J., Nehyba, S. (2004): The formation of spherical clay balls on the slopes of sandpit quarry, the Rudice-Sec (Czech Republic). *Catena*, 58, 1, 23–40.
WoS: IF₂₀₀₃: 1,083; **Q1** (10/55) in Water Resources; **Q2** (49/128) in Geosciences, Multidisciplinary; **Q2** (9/28) in Agriculture, Soil Science; počet citací: 4

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

Losos, Z., Beran, A. (2004): OH defects in cassiterite. *Mineralogy and Petrology*, 81, 3–4, 219–234.
WoS: IF₂₀₀₃: 1,086; **Q2** (11/24) in Mineralogy; **Q2** (24/52) in Geochemistry & Geophysics; počet citací: 11

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