

Přehled impaktovaných publikací pracovníků/studentů ÚGV PřF MU Brno v období 2003-2019

2019 (celkem 54 článků, 19 studentů spoluautorů – červeně)

Ashkanani, H.J., Tykot, R.H., Al-Juboury, A.I., Stremtan, C.C., **Petrík, J., Slavíček, K.** (2019): A characterisation study of Ubaid period ceramics from As-Sabbiya, Kuwait, using a non-destructive portable X-Ray fluorescence (pXRF) spectrometer and petrographic analyses. *Arabian Archaeology and Epigraphy*. In press.

WoS: neuvedeno; počet citací: 0

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

WoS: IF₂₀₁₈: 3,909; **Q1** (4/38) in Engineering, Geological; **Q1** (30/196) Geosciences, Multidisciplinary; počet citací: 0

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: 3

Bella, P., Bosák, P., **Mikysek, P.**, Littva, J., Hercman, H., Pawlak, J. (2019): Multi-phased hypogene speleogenesis in a marginal horst structure of the Malé karpáty Mountains, Slovakia. *International Journal of Speleology*, 48, 2, 203–220.

WoS: IF₂₀₁₈: 1,130; **Q4** (161/196) in Geosciences, Multidisciplinary; počet citací: 0

Berčáková, A., Melichar, R., Souček, K. (2019): Mechanical Properties and Failure Patterns of Migmatized Gneiss with Metamorphic Foliation Under UCS Test. *Rock Mechanics and Rock Engineering*. In press.

WoS: IF₂₀₁₈: 4,100; **Q1** (2/38) in Engineering, Geological; **Q1** (23/196) in Geosciences, Multidisciplinary; počet citací: 0

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

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

Boriová, S., Sázelová, S., Novák, M., **Štelcl, J.**, Svoboda, J. (2019): Human and non-human taphonomic effects on faunal remains from the Late Upper Paleolithic: a case study from the Stránská skála IV site, Czech Republic. *International Journal of Osteoarchaeology*. In press.

WoS: IF₂₀₁₈: 1,180; **Q2** (44/90) in Anthropology; počet citací: 0

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

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

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

WoS: IF₂₀₁₈: 1,398; **Q3** (21/29) in Mineralogy; počet citací: 0

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

WoS: IF₂₀₁₈: 1,573; **Q3** (47/84) in Geochemistry & Geophysics; **Q3** (17/29) in Mineralogy; počet citací: 0

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

WoS: IF₂₀₁₈: 1,489; **Q2** (22/57) in Paleontology; počet citací: 6

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

WoS: IF₂₀₁₈: 1,366; **Q2** (24/57) in Paleontology; počet citací: 0

Guastoni, A., Secco, L., **Škoda, R.**, Nestola, F., Schiazza, M., **Novák, M.**, Pennacchioni, G. (2019): Non-Metamict Aeschynite-(Y), Polycrase-(Y), and Samarskite-(Y) in NYF Pegmateites from Arvogno, Vigizzo Valley (Central Alps, Italy). *Minerals*, 9, 5, 313.

WoS: IF₂₀₁₈: 2,250; **Q2** (6/19) in Mining & Mineral Processing; **Q2** (12/29) in Mineralogy; počet citací: 0

Chukanov, N.V., Aksenov, S.M., Kasatkin, A.V., **Škoda, R.**, Nestola, F., Nodari, L., Ryanskaya, A.D., Rastsvetaeva, R.K. (2019): 3T polytype of an iron-rich oxyphlogopite from the Bartoy volcanic field, Transbaikalia: Mossbauer, infrared, Raman spectroscopy, and crystal structure. *Physics and Chemistry of Minerals*, 46, 10, 899–908.

WoS: IF₂₀₁₈: 1,476; **Q3** (210/293) in Materials Science, Multidisciplinary; **Q3** (18/29) in Mineralogy; počet citací: 0

Ivanov, M., Vasilyan, D., Böhme, M., Zazhigin, V.S. (2019): Miocene snakes from northeastern Kazakhstan: new data on the evolution of snake assemblages in Siberia. *Historical Biology*, 31, 10, 1284–1303.

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

Jančová, M., **Štelcl, J.**, Klíma, B., Drozdová, E. (2019): Localised enamel hypoplasia of human primary canines (LHPC) in the Necropolis of Great Moravia in Znojmo-Hradiště (the so called Stronghold of Znojmo, 9th–10th century CE, Czech Republic) and analysis of chemical elements on surface enamel and hypoplastic defect via EDX method. *Anthropologischer Anzeiger*, 76, 2, 129–148.

WoS: IF₂₀₁₈: 0,577; **Q4** (72/90) in Anthropology; počet citací: 0

Janoušek, V., Holub, F.V., Verner, K., **Čopjaková, R.**, Gerdes, A., Hora, J.M., Košler, J., Tyrrell, S. (2019): Two-pyroxene syenitoids from the Moldanubian Zone of the Bohemian Massif: peculiar magmas derived from a strongly enriched lithospheric mantle source. *Lithos*, 342–343, 239–262.

WoS: IF₂₀₁₈: 3,913; **Q1** (16/84) in Geochemistry & Geophysics; **Q1** (3/29) in Mineralogy; 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

Kalvoda, J., **Kumpan, T.**, Qie, W., Frýda, J., **Bábek, O.** (2019): Mercury spikes at the Devonian-Carboniferous boundary in the eastern part of the Rhenohercynian Zone (central Europe) and in the South China Block. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 531, A, 1–12.

WoS: IF₂₀₁₈: 2,616; **Q1** (4/57) in Paleontology; **Q2** (25/50) in Geography, Physical; **Q2** (70/196) in Geosciences, Multidisciplinary; počet citací: 2

Kampf, A.R., Alves, P., Kasatkin, A.V., **Škoda, R.** (2019): Jahnsite-(MnMnZn), a new jahnsite-group mineral, and formal approval of the jahnsite group. *European Journal of Mineralogy*, 31, 1, 167–172.

WoS: IF₂₀₁₈: 1,663; **Q3** (16/29) in Mineralogy; počet citací: 1

Kasatkin, A.V., Camara, F., Chukanov, N.V., **Škoda, R.**, Nestola, F., Agakhanov, A.A., Belakovskiy, D.I., Lednyov, V.S. (2019): Patynite, NaKCa₄[Si₉O₂₃], a New Mineral from the Patynskiy Massif, Southern Siberia, Russia, *Minerals*, 9, 10, 611.

WoS: IF₂₀₁₈: 2,250; **Q2** (12/29) in Mineralogy; **Q2** (6/19) in Mining & Mineral Processing; počet citací: 0

Kasatkin, A.V., Makovicky, E., Plášil, J., **Škoda, R.**, Chukanov, N.V., Stepanov, S.Y., Agakhanov, A.A., Nestola, F. (2019): Gladkovskyite, MnTlAs₃S₆, a new thallium sulfosalt from the Vorontsovskoe gold deposit, Northern Urals, Russia. *Journal of Geosciences*, 64, 3, 207–218.

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

Kosek, F., Žáček, V., **Škoda, R.**, Laufek, F., Jehlička, J. (2019): New mineralogical data for khademite (orthorhombic $\text{AlSO}_4\text{F} \cdot 5\text{H}_2\text{O}$) and the story of rosite (orthorhombic $\text{AlSO}_4\text{OH} \cdot 5\text{H}_2\text{O}$) from Libušín near Kladno, the Czech Republic. *Journal of Molecular Structure*, 1175, 208–213.

WoS: IF₂₀₁₈: 2,120; Q3 (91/148) in Chemistry Physical; počet citací: 1

Krivovichev, S.V., Panikarovskii, T.L., Zolotarev, A.A., Bocharov, V.N., Kasatkin, A.V., **Škoda, R.** (2019): Jahn-Teller Distortion and Cation Ordering: The Crystal Structure of Paratooite-(La), a Superstructure of Carbobornite. *Minerals*, 9, 6, 370.

WoS: IF₂₀₁₈: 2,250; Q2 (6/19) in Mining & Mineral Processing; Q2 (12/29) in Mineralogy; 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: 3

Luján, Á.H., Chroust, M., Čerňanský, A., Fortuny, J., Mazuch, M., **Ivanov, M.** (2019): First record of *Diplocynodon ratelii* Pomel, 1847 from the early Miocene site of Tušimice (Most Basin, Northwest Bohemia, Czech Republic). Premier signalement de *Diplocynodon ratelii* Pomel, 1847 dans le site du Miocène inférieur de Tušimice (basin de Most, du Nord-Ouest, République Tchèque). *Comptes Rendus Palevol*. In press.

WoS: IF₂₀₁₈: 1,818; Q1 (11/57) in Paleontology; počet citací: 1

Meisser, N., Plášil, J., Brunsperger, T., Lheur, C., **Škoda, R.** (2019): Giftgrubeite, $\text{CaMn}_2\text{Ca}_2(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 4\text{H}_2\text{O}$, a new member of the hureaulite group from Sainte-Marie-aux-Mines, Haut-Rhin Department, Vosges, France. *Journal of Geosciences*, 64, 1, 73–80.

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

Mikysek, P., Trojek, T., Mészáros, N., Adamovič, J., **Slobodník, M.** (2019): X-ray fluorescence mapping as a first-hand tool in disseminated ore assessment: sandstone-hosted U–Zr mineralization. *Minerals Engineering*, 141, 1–13.

WoS: IF₂₀₁₈: 3,315; Q1 (7/29) in Mineralogy; Q1 (3/19) in Mining & Mineral Processing; Q2 (39/138) in Engineering, Chemical; počet citací: 0

Musil, R., Děkanovský, O., Ivanov, M., Doláková, N., Mrázek, J., Juříčková, L., Lundberg, J. (2019): Dagmar Cave (Czech Republic, Moravian Karst), a unique palaeontological site of the Cromerian Interglacial. *Quaternary International*, 504, 56–69.

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

Nehyba, S., Gilíková, H., Tomanová-Petrová, P., Otava, J., Skácelová, Z. (2019): Evolution of a sedimentary infill of a palaeovalley at a distal margin of the peripheral foreland basin. *Geological Quarterly*, 63, 2, 319–344.

WoS: IF₂₀₁₈: 0,759; Q4 (36/46) in Geology; počet citací: 0

Nehyba, S., Otava, J., Tomanová-Petrová, P., Gazdová, A. (2019): The foreland state at the onset of the flexurally induced transgression: data from provenance analysis at the peripheral Carpathian Foredeep (Czech Republic). *Geologica Carpathica*, 70, 3, 241–260.

WoS: IF₂₀₁₈: 1,699; Q3 (121/196) in Geosciences, Multidisciplinary; počet citací: 0

Ondrejka, M., Bačík, P., Sobocký, T., Uher, P., **Škoda, R.**, Mikuš, T., Luptáková, J., Konečný, P. (2019): Minerals of the rhabdophane group and the alunite supergroup in microgranite: products of low-temperature alteration in a highly acidic environment from the Velence Hills, Hungary (Vol 82, pg 1277, 2018). *Mineralogical Magazine*, 83, 2, 321.

WoS: IF₂₀₁₈: 2,210; Q2 (13/29) in Mineralogy; počet citací: 0

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

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

Petrík, J., Petr, L., **Adameková, K.**, **Přišťáková M.**, Potůčková, A., **Lend'áková, Z.**, Fraczek, M., Dresler, P., Macháček, J., Kalicki, T., **Lisá, L.** (2019): Disruption in an alluvial landscape: settlement and environment dynamics in the Alluvium of the river Dyje at the Pohansko archaeological site (Czech Republic). *Quaternary International*, 511, 124–139.

WoS: IF₂₀₁₈: 1,952; Q3 (30/50) in Geography, Physical; Q3 (104/196) in Geosciences, Multidisciplinary; počet citací: 2

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

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

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

WoS: IF₂₀₁₈: 0,759; Q4 (36/47) in Geology; 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

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

WoS: IF₂₀₁₈: 1,476; Q3 (210/293) in Materials Science, Multidisciplinary; Q3 (18/29) in Mineralogy; počet citací: 0

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

WoS: IF₂₀₁₈: 2,663; **Q1** (2/57) in Paleontology; počet citací: 0

Šrámek, 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** (6/19) in Mining & Mineral Processing; **Q2** (12/29) in Mineralogy; počet citací: 0

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

WoS: IF₂₀₁₈: 1,398; Q3 (21/29) in Mineralogy; počet citací: 0

Štubňa, J., Bačík, P., Fridrichová, J., Hanus, R., Illášová, L', Milovská, S., **Škoda, R.**, Vaculovič, T. (2019): Gem-Quality Green Cr-Bearing Andradite (var. Demantoid) from Dobšiná, Slovakia. *Minerals*, 9, 3, 164.

WoS: IF₂₀₁₈: 2,250; **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: 3

Tocháček, J., Lásková, K., Bálková, R., **Krmíček, L.**, Merna, J., Tupý, M., Kapler, P., Poláček, P., Čížková, K., Burán, Z. (2019): Polymer weathering in Antarctica. *Polymer Testing*, 77, 105898.

WoS: IF₂₀₁₈: 2,943; Q1 (20/87) in Polymer Science; Q1 (5/33) in Materials Science, Characterization & Testing; počet citací: 0

Vaničková, E., **Holá, M.**, Rapouch, K., Pavlíňák, D., Kopecká, R., Kanický, V. (2019): LA-ICP-MS analysis of metal layers on samples of cultural heritage. *Chemical Papers*, 73, 12, 2923–2936.

WoS: IF₂₀₁₈: 1,246; Q3 (126/172) in Chemistry, Multidisciplinary; počet citací: 0

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

WoS: IF₂₀₁₈: 2,909; Q1 (10/170) in Zoology; počet citací: 1

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

WoS: IF₂₀₁₈: 1,959; Q3 (142/250) in Environmental Sciences; počet citací: 0

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

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

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

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

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

WoS: IF₂₀₁₈: 1,978; Q3 (100/196) in Geosciences, Multidisciplinary; počet citací: 0

Žáček, V., **Škoda, R.**, Laufek, F., Kosek, F., Jehlička, J. (2019): Complementing knowledge about rare sulphates lönecreekite, $\text{NH}_4\text{Fe}^{3+}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ and sabieite, $\text{N}_4\text{Fe}^{3+}(\text{SO}_4)_2$: Chemical composition, XRD and RAMAN spectroscopy (Libušín near Kladno, the Czech Republic). *Journal of Geosciences*, 64, 2, 149–159.

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

Žáček, V., **Buriánek, D.**, Pecskey, Z., **Škoda, R.** (2019): Anorogenic Early Permian dykes in the western Mongolian Altai – petrography, geochemistry and K-Ar geochronology. *Journal of Geosciences*, 64, 1, 37–58.

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

2018 (celkem 52 článků, 15 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: 4

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

WoS: IF₂₀₁₇: 0,346; Q4 (156/167) in Zoology; počet citací: 1

Buřival, Z., **Novák, M.** (2018): Secondary blue tourmaline after garnet from elbaite-subtype pegmatites; implications for source and behavior of Ca and Mg in fluids. *Journal of Geosciences*, 63, 2, 111–122.

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

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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: 3,626; **Q1** (6/29) in Mineralogy; **Q1** (17/85) in Geochemistry & Geophysics; počet citací: 1

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

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: 2

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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

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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.

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: 0

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

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WoS: IF₂₀₁₇: 1,664; **Q3** (46/85) in Geochemistry & Geophysics; **Q3** (17/29) in Mineralogy; počet citací: 3

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WoS: IF₂₀₁₇: 2,326; **Q1** (6/56) in Paleontology; **Q3** (31/49) in Evolutionary Biology; počet citací: 5

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WoS: IF₂₀₁₇: 1,872; **Q3** (99/189) in Geosciences, Multidisciplinary; počet citací: 4

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.

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: 1

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WoS: IF₂₀₁₇: 1,835; **Q2** (7/20) in Mining & Mineral Processing; **Q2** (13/29) in Mineralogy; počet citací: 3

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

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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: 4

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WoS: IF₂₀₁₇: 1,128; **Q3** (26/47) in Geology; počet citací: 2

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

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

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

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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: 3

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WoS: IF₂₀₁₇: 1,415; **Q3** (18/29) in Mineralogy; **Q3** (53/85) in Geochemistry & Geophysics; počet citací: 2

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

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

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

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WoS: IF₂₀₁₇: 6,467; **Q1** (27/171) in Chemistry, Multidisciplinary; **Q1** (4/26) in Crystallography; počet citací: 2

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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: 1,616; **Q3** (35/49) in Geography, Physical; **Q2** (17/47) in Geology; počet citací: 0

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

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WoS: IF₂₀₁₇: 0,517; **Q4** (95/106) in Marine & Freshwater Biology; počet citací: 1

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WoS: IF₂₀₁₇: 1,744; **Q3** (15/29) in Mineralogy; počet citací: 0

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

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

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

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: 3

Škoda, R., Plášil, J., Čopjaková, R., Novák, M., Jonsson, E. Vašinová Galiová, M., Holtstam, D. (2018): Gadolinite-(Nd), a new member of the gadolinite supergroup from Fe-REE deposit of Bastnäs-type, Sweden. *Mineralogical Magazine*, 82, 133–145.

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

Škoda, R., Vignola, P., Muller, A., Groat, L.A. (2018): A tribute to Milan Novák. *Canadian Mineralogist*, 56, 4, 357–363.

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

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WoS: IF₂₀₁₇: 2,638; **Q2** (21/49) in Geography, Physical; **Q2** (59/190) in Geosciences, Multidisciplinary; počet citací: 4

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

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

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

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: 3

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

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

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

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

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

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

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

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WoS: IF₂₀₁₆: 2,958; Q2 (14/49) in Geography, Physical; Q1 (41/188) in Geosciences, Multidisciplinary; počet citací: 6

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

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WoS: IF₂₀₁₆: 1,285; Q3 (15/29) in Mineralogy; počet citací: 11

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WoS: IF₂₀₁₆: 1,236; Q3 (16/29) in Mineralogy; Q3 (53/84) in Geochemistry & Geophysics; počet citací: 6

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

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

WoS: IF₂₀₁₆: 1,563; Q3 (107/188) in Geosciences, Multidisciplinary; počet citací: 4

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

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

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

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

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WoS: IF₂₀₁₆: 0,955; **Q4** (151/188) in Geosciences, Multidisciplinary; počet citací: 2

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

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

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WoS: IF₂₀₁₆: 0,777; **Q4** (45/54) in Paleontology; počet citací: 2

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WoS: IF₂₀₁₆: 2,373; **Q1** (10/47) in Geology; počet citací: 6

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WoS: IF₂₀₁₆: 1,278; **Q3** (57/88) in Water Resources; počet citací: 0

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WoS: IF₂₀₁₆: 0,817; **Q4** (22/29) in Mineralogy; počet citací: 2

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WoS: IF₂₀₁₆: 1,657; **Q2** (20/54) in Biodiversity Conservation; **Q3** (88/153) in Ecology; počet citací: 5

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

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WoS: IF₂₀₁₆: 2,283; **Q2** (71/188) in Geosciences, Multidisciplinary; počet citací: 4

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

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WoS: IF₂₀₁₆: 2,373; **Q1** (10/47) in Geology; počet citací: 4

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

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WoS: IF₂₀₁₆: 1,236; **Q3** (16/29) in Mineralogy; **Q3** (53/84) in Geochemistry & Geophysics; počet citací: 3

Olds, T., Plášil, J., Kampf, A., **Škoda, R.**, Burns, P., Čejka, J., Bourgoin, V., Boulliard, J.-C. (2017): Gauthierite, $\text{KPb}[(\text{UO}_2)_7\text{O}_5(\text{OH})_7] \cdot 8\text{H}_2\text{O}$, a new uranyl-oxide hydroxy-hydrate mineral from Shinkolobwe with a novel uranyl-anion sheet-topology. *European Journal of Mineralogy*, 29, 1, 129–141.

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

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WoS: IF₂₀₁₆: 0,609; **Q4** (25/29) in Mineralogy; **Q4** (76/84) in Geochemistry & Geophysics; počet citací: 1

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WoS: IF₂₀₁₆: 0,609; **Q4** (25/29) in Mineralogy; **Q4** (76/84) in Geochemistry & Geophysics; počet citací: 2

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

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

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

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WoS: IF₂₀₁₆: 1,982; **Q2** (41/84) in Geochemistry & Geophysics; počet citací: 3

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

WoS: IF₂₀₁₆: 0,817; **Q4** (22/29) in Mineralogy; počet citací: 1

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

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

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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

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

WoS: IF₂₀₁₆: 1,175; **Q3** (136/188) in Geosciences, Multidisciplinary; **Q3** (32/54) in Paleontology; počet citací: 6

Weinerová, H., Hron, K., **Bábek, O.**, Šimíček, D., Hladil, J. (2017): Quantitative allochem compositional analysis of Lochkovian-Pragian boundary sections in the Prague Basin (Czech Republic). *Sedimentary Geology*, 354, 43–59.

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: 4

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WoS: IF₂₀₁₅: 2,236; Q1 (8/47) in Geology; počet citací: 16

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

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

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WoS: IF₂₀₁₅: 1,326; Q3 (16/29) in Mineralogy; Q3 (47/81) in Geochemistry & Geophysics; počet citací: 0

Cempírek, J., Grew, E.S., Kampf, A.R., Ma, C., **Novák, M., Gadas, P., Škoda, R.,** Vašinová Galiová, M., Pezzotta, F., Groat, L.A., Krivovichev, S.V. (2016): Vranaite, ideally $\text{Al}_{16}\text{S}_4\text{Si}_4\text{O}_{38}$, a new mineral related to boralsilite, $\text{Al}_{16}\text{B}_6\text{Si}_2\text{O}_{37}$, from the Manjaka pegmatite, Sahatany Valley, Madagascar. *American Mineralogist*, 101, 9-10, 2108–2117.

WoS: IF₂₀₁₅: 1,918; Q2 (9/29) in Mineralogy; Q2 (37/81) in Geochemistry & Geophysics; počet citací: 8

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.

WoS: IF₂₀₁₅: 2,365; Q1 (7/47) in Geology; počet citací: 4

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

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

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

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

WoS: IF₂₀₁₅: neuvedeno; počet citací: 5

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

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WoS: IF₂₀₁₅: 1,523; Q3 (106/184) in Geosciences, Multidisciplinary; počet citací: 4

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

WoS: IF₂₀₁₅: 1,682; Q3 (22/43) in Spectroscopy; Q3 (44/75) in Chemistry, Analytical; Q3 (98/144) in Chemistry, Physical; počet citací: 3

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

WoS: IF₂₀₁₅: 1,585; Q3 (141/271) in Materials Science; Q2 (13/29) in Mineralogy; počet citací: 8

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WoS: IF₂₀₁₅: 0,862; Q3 (21/29) in Mineralogy; počet citací: 4

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WoS: IF₂₀₁₅: 3,294; Q1 (28/184) in Geosciences, Multidisciplinary; Q2 (26/88) in Energy & Fuels; počet citací: 8

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

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WoS: IF₂₀₁₅: 3,723; Q1 (4/29) in Mineralogy; Q1 (11/81) in Geochemistry & Geophysics; počet citací: 15

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WoS: IF₂₀₁₄: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 7

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

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WoS: IF₂₀₁₃: 0,710; Q4 (144/174) in Geosciences, Multidisciplinary; počet citací: 4

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

WoS: IF₂₀₁₃: 0,308; Q4 (42/44) in Geology; počet citací: 8

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: 35

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: 12

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

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

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

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

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.

WoS: IF₂₀₁₃: 0,541; Q4 (45/49) in Paleontology; počet citací: 19

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

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

WoS: IF₂₀₁₃: 1,134; Q3 (17/27) in Mineralogy; počet citací: 4

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: 28

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

WoS: IF₂₀₁₃: 0,727; Q3 (31/44) in Geology; počet citací: 7

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

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

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

Juráček, J. (2014): The evaluation of geological structures by the vector analysis of valley axes. *Zeitschrift für Geomorphologie*, 58, 2, 201–215.

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.

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: 11

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

WoS: IF₂₀₁₃: 2,134; Q1 (11/44) in Geology; počet citací: 24

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.

WoS: IF₂₀₁₃: 2,177; **Q2** (55/174) in Geosciences, Multidisciplinary; počet citací: 26

Lundberg, J., **Musil, R.,** Sabol, M. (2014): Sedimentary history of Za Hájovnou Cave (Moravia, Czech Republic): A unique Middle Pleistocene palaeontological site. *Quaternary International*, 339–340, 11–24.

WoS: IF₂₀₁₃: 2,128; **Q3** (24/46) in Geography, Physical; **Q2** (58/174) in Geosciences, Multidisciplinary; počet citací: 4

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.

WoS: IF₂₀₁₃: 5,481; **Q1** (8/216) in Environmental Sciences; **Q1** (2/46) in Engineering, Environmental; počet citací: 14

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.

WoS: IF₂₀₁₃: 0,571; **Q4** (155/174) in Geosciences, Multidisciplinary; počet citací: 1

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.

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

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.

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

Plášil, J., Kasatkin, A.V., **Škoda, R.,** Škacha, P. (2014): Klajite, MnCu₄(AsO₄)₂(AsO₃OH)₂(H₂O)₁₀, from Jáchymov (Czech Republic): the second world occurrence. *Mineralogical Magazine*, 78, 1, 119–129.

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

Plášil, J., Veselovský, F., Hloušek, J., **Škoda, R., Novák, M.,** Sejkora, J., Čejka, J., Škacha, P., Kasatkin, A.V. (2014): Mathesiusite, K₅(UO₂)₄(SO₄)₄(VO₅)(H₂O)₄, a new uranyl vanadate-sulfate from Jáchymov, Czech Republic. *American Mineralogist*, 99, 4, 625–632.

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

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

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

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

WoS: IF₂₀₁₃: 1,134; **Q3** (17/27) in Mineralogy; počet citací: 7

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.

WoS: IF₂₀₁₃: 2,628; **Q1** (6/44) in Geology; počet citací: 9

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

WoS: IF₂₀₁₃: 0,571; Q4 (155/174) in Geosciences, Multidisciplinary; počet citací: 9

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

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.

WoS: IF₂₀₁₃: 0,835; Q3 (130/174) in Geosciences, Multidisciplinary; počet citací: 4

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

WoS: IF₂₀₁₃: 3,150; Q1 (8/44) in Spectroscopy; počet citací: 9

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

WoS: IF₂₀₁₃: 3,150; Q1 (8/44) in Spectroscopy; počet citací: 29

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

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

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.

WoS: IF₂₀₁₃: 3,383; Q1 (3/44) in Geology; Q1 (4/27) in Mineralogy; Q1 (1/21) in Mining & Mineral Processing; počet citací: 22

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.

WoS: IF₂₀₁₃: 1,193; Q3 (89/148) in Chemistry, Multidisciplinary; počet citací: 3

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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.

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

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.

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

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

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

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

WoS: IF₂₀₁₂: 0,804; Q4 (134/172) in Geosciences, Multidisciplinary; počet citací: 21

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

WoS: IF₂₀₁₂: 0,804; Q4 (134/172) in Geosciences, Multidisciplinary; počet citací: 19

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

WoS: IF₂₀₁₂: 0,755; Q4 (22/26) in Mineralogy; počet citací: 9

Faimon, J., **Lang, M.** (2013): Variances in airflows during different ventilation modes in a dynamic U-shaped cave. *International Journal of Speleology*, 42, 2, 115–122.

WoS: IF₂₀₁₂: 1,344; Q3 (93/172) in Geosciences, Multidisciplinary; počet citací: 15

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

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: 17

Fejfarová, K., Dušek, M., Plášil, J., Čejka, J., Sejkora, J., **Škoda, R.** (2013): Reinvestigation of the crystal structure of kasolite, Pb[(UO₂)(SiO₄)](H₂O), an important alteration product of uraninite, UO_{2+x}. *Journal of Nuclear Materials*, 434, 1-3, 461–467.

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: 8

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

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

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

WoS: IF₂₀₁₂: 2,204; **Q2** (7/26) in Mineralogy; **Q2** (25/76) in Geochemistry & Geophysics; počet citací: 10

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

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.

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: 13

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

WoS: IF₂₀₁₂: 1,681; Q2 (9/26) in Mineralogy; Q2 (34/76) in Geochemistry & Geophysics; počet citací: 19

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.

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.,** Nývtová 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: 0

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

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WoS: IF₂₀₁₂: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 14

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WoS: IF₂₀₁₂: 0,804; Q4 (134/172) in Geosciences, Multidisciplinary; počet citací: 18

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

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

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

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WoS: IF₂₀₁₂: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 9

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WoS: IF₂₀₁₂: 1,681; Q2 (9/26) in Mineralogy; Q2 (34/76) in Geochemistry & Geophysics; počet citací: 14

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WoS: IF₂₀₁₂: 2,212; Q1 (6/26) in Mineralogy; počet citací: 7

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

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

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WoS: IF₂₀₁₂: 2,212; Q1 (6/26) in Mineralogy; počet citací: 13

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WoS: IF₂₀₁₂: 1,304; Q2 (113/241) in Materials Science, Multidisciplinary; Q2 (11/26) in Mineralogy; počet citací: 3

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WoS: IF₂₀₁₂: 1,351; Q3 (45/76) in Geochemistry & Geophysics; počet citací: 22

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WoS: IF₂₀₁₁: 1,115; Q3 (16/26) in Mineralogy; počet citací: 8

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WoS: IF₂₀₁₁: 2,000; Q2 (48/170) in Geosciences, Multidisciplinary; počet citací: 22

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WoS: IF₂₀₁₁: 4,259; Q1 (3/76) in Geochemistry & Geophysics; počet citací: 43

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WoS: IF₂₀₁₁: 0,844; **Q3** (27/47) in Geology; počet citací: 14

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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: 31

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: 24

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

WoS: IF₂₀₁₀: 3,121; **Q1** (3/27) in Mineralogy; **Q1** (13/77) in Geochemistry & Geophysics; počet citací: 20

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

WoS: IF₂₀₁₀: 2,026; **Q2** (7/27) in Mineralogy; **Q2** (27/77) in Geochemistry & Geophysics; počet citací: 260

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: 20

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

WoS: IF₂₀₁₀: 1,287; **Q3** (15/27) in Mineralogy; **Q3** (40/77) in Geochemistry & Geophysics; počet citací: 12

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

WoS: IF₂₀₁₀: 0,986; **Q3** (30/48) in Paleontology; počet citací: 13

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: 7

Kocourková, E., Šráček, 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: 24

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: 88

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

WoS: IF₂₀₁₀: 0,909; **Q3** (115/167) in Geosciences, Multidisciplinary; počet citací: 14

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: 28

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

WoS: IF₂₀₁₀: 1,289; Q3 (14/27) in Mineralogy; počet citací: 25

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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: 26

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WoS: IF₂₀₁₀: 0,949; Q3 (20/27) in Mineralogy; počet citací: 9

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

WoS: IF₂₀₁₀: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 2

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

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

WoS: IF₂₀₁₀: 0,400; Q4 (150/167) in Geosciences, Multidisciplinary; počet citací: 9

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

WoS: IF₂₀₁₀: 1,287; Q3 (15/27) in Mineralogy; Q3 (40/77) in Geochemistry & Geophysics; počet citací: 7

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

WoS: IF₂₀₁₀: 1,289; Q3 (14/27) in Mineralogy; počet citací: 58

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

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

WoS: IF₂₀₁₀: 0,949; Q3 (20/27) in Mineralogy; počet citací: 11

Plášil, J., Fejfarová, K., Mills, S.J., Čejka, J., Sejkora, J., **Novák, M.**, **Škoda, R.** (2011): The crystal structure of natural zippeite, $\text{K}_2[(\text{UO}_2)_4\text{O}_3(\text{SO}_4)_2](\text{H}_2\text{O})_4$, from Jáchymov, Czech Republic. *Canadian Mineralogist*, 49, 711–725.

WoS: IF₂₀₁₀: 1,289; Q3 (14/27) in Mineralogy; počet citací: 21

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

WoS: IF₂₀₁₀: 1,287; Q3 (15/27) in Mineralogy; Q3 (40/77) in Geochemistry & Geophysics; počet citací: 19

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

WoS: IF₂₀₁₀: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 7

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WoS: IF₂₀₁₀: 1,289; Q3 (14/27) in Mineralogy; počet citací: 8

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

WoS: IF₂₀₁₀: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 4

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

WoS: IF₂₀₁₀: 1,289; Q3 (14/27) in Mineralogy; počet citací: 8

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

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

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

WoS: IF₂₀₁₀: 0,886; Q3 (117/167) in Geosciences, Multidisciplinary; počet citací: 15

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

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

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: 12

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: 10

2010 (celkem 33 článků, 15 studentů spoluautorů – červeně)

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

WoS: IF₂₀₀₉: 0,655; Q3 (30/49) in Geology; počet citací: 24

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: 11

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

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: 9

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

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

WoS: IF₂₀₀₉: 0,963; **Q3** (104/155) in Geosciences, Multidisciplinary; počet citací: 9

Faimon, J., Ličbinská, M. (2010): Carbon dioxide in the soils and adjacent caves of the Moravian Karst. *Acta Carsologica*, 39, 3, 463–475.

WoS: IF₂₀₀₉: 0,590; **Q4** (134/155) in Geosciences, Multidisciplinary; počet citací: 14

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: 15

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: 20

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. (2010): 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: IF₂₀₀₉: 1,933; **Q2** (43/155) in Geosciences, Multidisciplinary **Q2** (12/31) in Soil Science; **Q1** (11/66) in Water Resources; počet citací: 55

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

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

Hönig, S., **Leichmann, J.**, Novák, M. (2010): Unidirectional solidification textures and garnet layering in Y-enriched garnet-bearing aplite-pegmatites in the Cadomian Brno Batholith, Czech Republic. *Journal of Geosciences*, 55, 113–129.

WoS: IF₂₀₀₉: neuvedeno; počet citací: 10

Kalvoda, J., Devuyt, F.-X., **Bábek, O., Dvořák, L.,** Rak, Š., **Rez, J.** (2010): High-resolution biostratigraphy of the Tournaisian-Visean (Carboniferous) boundary interval, Mokra quarry, Czech Republic. *Geobios*, 43, 3, 317–331.

WoS: IF₂₀₀₉: 0,904; Q3 (25/41) in Paleontology; počet citací: 6

Kalvoda, J., Bábek, O. (2010): The Margins of Laurussia in Central and Southeast Europe and Southwest Asia. *Gondwana Research*, 17, 2-3, 526–545.

WoS: IF₂₀₀₉: 4,605; Q1 (4/155) in Geosciences, Multidisciplinary; počet citací: 61

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: 47

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: 41

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: 45

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: 11

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WoS: IF₂₀₀₉: 2,646; Q1 (6/41) in Paleontology; Q1 (8/36) in Geography, Physical; Q1 (23/155) in Geosciences, Multidisciplinary; počet citací: 40

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WoS: IF₂₀₀₉: 2,059; Q2 (39/155) in Geosciences, Multidisciplinary; počet citací: 31

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WoS: IF₂₀₀₉: 0,963; Q3 (104/155) in Geosciences, Multidisciplinary; počet citací: 2

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

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WoS: IF₂₀₀₉: 3,480; **Q2** (17/67) in Biochemical Research Methods; **Q1** (6/70) in Chemistry, Analytical; počet citací: 29

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

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WoS: IF₂₀₀₉: neuvedeno; počet citací: 4

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WoS: IF₂₀₀₉: 0,483; **Q4** (24/27) in Mineralogy; počet citací: 5

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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: 38

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WoS: IF₂₀₀₈: 1,136; **Q3** (14/25) in Mineralogy; počet citací: 29

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WoS: IF₂₀₀₈: neuvedeno; počet citací: 5

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WoS: IF₂₀₀₈: 1,441; **Q2** (13/31) in Soil Science; **Q1** (14/60) in Water Resources; **Q3** (82/163) in Environmental Sciences; počet citací: 7

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WoS: IF₂₀₀₈: 2,037; **Q1** (5/25) in Mineralogy; **Q2** (20/64) in Geochemistry & Geophysics; počet citací: 21

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WoS: IF₂₀₀₈: neuvedeno; počet citací: 18

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WoS: IF₂₀₀₈: 1,970; **Q2** (39/144) in Geosciences, Multidisciplinary; počet citací: 11

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

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WoS: IF₂₀₀₇: 0,574; **Q4** (22/25) in Mineralogy; počet citací: 3

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

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WoS: IF₂₀₀₇: 0,963; **Q3** (109/160) in Environmental Sciences; 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: 48

2007 (celkem 24 článků, 10 studentů spoluautorů – červeně)

Bábek, O., Přikryl, T., Hladil, J. (2007): Progressive drowning of carbonate platform in the Moravo-Silesian Basin (Czech Republic) before the Frasnian/Famennian event: facies, compositional variations and gamma-ray spectrometry. *Facies*, 53, 2, 293–316.

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

Breiter, K., **Škoda, R.**, Uher, P. (2007): Nb-Ta-Ti-W-Sn-oxide minerals as indicators of a peraluminous P- and F-rich granitic system evolution: Podlesí, Czech Republic. *Mineralogy and Petrology*, 91, 3-4, 225–248.

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

Brož, M., Kovářová, M., **Losos, Z.**, Linhartová, M., Vávra, V. (2007): The mineralogical research of manganese-phosphate crusts in the region of Hodušín-Božetice at Milevsko. *Acta Geodynamica et Geomaterialia*, 4, 2, 43–55.

WoS: IF₂₀₀₆: neuvedeno; počet citací: 1

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: 38

Černý, P., **Novák, M.**, Chapman, R., Ferreira, K. (2007): Subsolidus behavior of niobian rutile from the Písek region, Czech Republic: a model for exsolution in W- and Fe²⁺>>Fe³⁺-rich phases. *Journal of Geosciences*, 52, 1, 143–159.

WoS: IF₂₀₀₆: neuvedeno; počet citací: 47

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: 18

Dokoupilová, P., Šráček, O., Losos, Z. (2007): Geochemical behavior and mineralogical transformations in a spontaneous combustion coal waste pile in Oslavany, Czech Republic. *Mineralogical Magazine*, 71, 4, 443–460.

WoS: IF₂₀₀₆: 1,064; **Q3** (14/26) in Mineralogy; počet citací: 22

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

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.

WoS: IF₂₀₀₆: 1,038; **Q3** (15/26) in Mineralogy; **Q3** (39/59) in Geochemistry & Geophysics; počet citací: 6

Hasan, M.A., Ahmed, K.M., **Šráček, 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: 82

Ivanov M. (2007): Herpetological assemblages from the Pliocene to middle Pleistocene in Central Europe: the palaeoecological significance. *Geodiversitas*, 29, 2, 5–28.

WoS: IF₂₀₀₆: 0,717; **Q3** (27/36) in Paleontology; počet citací: 17

Kotková, J., Gerdes, A., Parrish, R.R., **Novák, M.** (2007): Clasts of Variscan high-grade rocks within Upper Visean 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: 36

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

WoS: IF₂₀₀₆: neuvedeno; počet citací: 62

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

WoS: IF₂₀₀₆: 0,364; **Q4** (117/131) in Geosciences, Multidisciplinary; počet citací: 142

Leichmann, J., Novák, M., Buriánek, D., Burger, D. (2007): High-temperature to ultrahigh-temperature related to multiple ultrapotassic intrusions: evidence from garnet-sillimanite-cordierite kinzigite and garnet-orthopyroxene migmatites in the eastern part of the Moldanubian Zone (Bohemian Massif). *Geologica Carpathica*, 58, 5, 415–425.

WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 5

Lenhardt, W., Svancara, J., **Melichar, P.**, Pazdírková, J., Havíř, J., Sykorová, Z. (2007): Seismic activity of the Alpine-Carpathian-Bohemian Massif region with regard to geological and potential field data. *Geologica Carpathica*, 58, 4, 397–412.

WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 38

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

Mucke, A., **Losos, Z.** (2007): The magnetite mineralizations of the Desná Group in the Silesicum, Czech Republic: petrographic, mineralogical, and geochemical studies and their genetic implications. *Journal of Geosciences*, 52, 3-4, 227–270.

WoS: IF₂₀₀₆: neuvedeno; počet citací: 4

Nehyba, S., Šikula, J. (2007): Depositional architecture, sequence stratigraphy and geodynamic development of the Carpathian Foredeep (Czech Republic). *Geologica Carpathica*, 58, 1, 53–69.

WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 31

Novák, M., **Škoda, R.** (2007): Mn³⁺-rich andalusite to kanonaite and their breakdown products from metamanganolite at Kojetice near Třebíč, the Moldanubian Zone, Czech Republic. *Journal of Geosciences*, 52, 1, 161–167.

WoS: IF₂₀₀₆: neuvedeno; počet citací: 7

Prokop, J., Příkryl, T., **Dostál, O.**, Nel, A. (2007): *Oligaeschna kvaceki* sp. nov., a new fossil dragonfly (Odonata: Aeshnidae) from the middle Oligocene sediments of northern Moravia (Western Carpathians). *Geologica Carpathica*, 58, 2, 181–184.

WoS: IF₂₀₀₆: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 6

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: 35

Vencelides, Z., **Šrámek, O.**, Prommer, H. (2007): Modelling of iron cycling and its impact on the electron balance at a petroleum hydrocarbon contaminated site in Hněvice, 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: 27

von Brömssen, M., Jakariya, M., Bhattacharya, P., Ahmed, K.M., Hasan, M. A., **Šrámek, 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: 121

2006 (celkem 28 článků, 11 studentů spoluautorů – červeně)

Bábek, O., Tomek, Č., **Melichar, R.**, **Kalvoda, J.**, Otava, J. (2006): Structure of unmetamorphosed Variscan tectonic units of the southern Moravo-Silesian zone, Bohemian Massif: a review. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen*, 239, 1, 37–75.

WoS: IF₂₀₀₅: 0,721; Q3 (22/35) in Paleontology; počet citací: 20

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., **Šrámek, 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: 17

Bhattacharya, P., Claesson, M., Bundschuh, J., Šrámek, O., Fagerberg, J., Jacks, G., Martin, R.A., del Stornolo, 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: 150

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: 64

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

Devuyst, F.-X., Hance, L., Poty, E. (2006): Moliniacian. *Geologica Belgica*, 9, 1-2, 123–131.

WoS: IF₂₀₀₅: neuvedeno; počet citací: 13

Doležalová, H., Houzar, S., Losos, Z., Škoda, R. (2006): Kinoshitalite with a high magnesium content in sulphide-rich marbles from the Rožná uranium deposit, Western Moravia, Czech Republic. *Neues Jahrbuch für Mineralogie - Abhandlungen*, 182, 2, 165–171.

WoS: IF₂₀₀₅: 0,529; **Q4** (21/25) in Mineralogy; počet citací: 4

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: 81

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: 49

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: 6

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: 11

Hance, L., Poty, E., **Devuyst, F.-X.** (2006): Tournaisian. *Geologica Belgica*, 9, 1-2, 47–53.

WoS: IF₂₀₀₅: neuvedeno; počet citací: 10

Hance, L., Poty, E., **Devuyst, F.-X.** (2006): Visean. *Geologica Belgica*, 9, 1-2, 55–62.

WoS: IF₂₀₀₅: neuvedeno; počet citací: 27

Hance, L., Poty, E., **Devuyst, F.-X.** (2006): Ivorian. *Geologica Belgica*, 9, 1-2, 117–122.

WoS: IF₂₀₀₅: neuvedeno; počet citací: 10

Hladilová, Š. (2006): Schultz O., Piller W.E., Hg.: *Catalogus Fossilium Austriae Band 1/Teil 2 Bivalvia neogenica (Lucinoidea-Mactroidea)*, Band 1/Teil 3 Bivalvia neogenica (Solenioidea-Clavagelloidea)-review. *Bulletin of Geosciences*, 81, 3, 214.

WoS: IF₂₀₀₅: neuvedeno; počet citací: 0

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

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: 15

Kvaček, Z., Kováč, M., Kovar-Eder, J., **Doláková, N.**, Jechorek, H., Parashiv, V., Kováčová, M., Sliva, Ľ. (2006): Miocene evolution of landscape and vegetation in the Central Paratethys. *Geologica Carpathica*, 57, 4, 295–310.

WoS: IF₂₀₀₅: 0,449; **Q4** (111/129) in Geosciences, Multidisciplinary; počet citací: 46

Leichmann, J., Hejl, E. (2006): Volcanism on Anafi island: short living, extensional, hydromagmatic volcanism in the central part of the South Aegean volcanic chain (Greece). *Neues Jahrbuch für Mineralogie - Abhandlungen*, 182, 3, 231–240.

WoS: IF₂₀₀₅: 0,529; **Q4** (21/25) in Mineralogy; počet citací: 2

Menning, M., Alekseev, A.S., Chuvashov, B.I., Davydov, V.I., **Devuyst, F.-X.**, Forke, H.C., Grunt, T.A., Hance, L., Heckel, P.H., Izokh, N.G., Jin, Y.G., Jones, P.J., Kotlyar, G.V., Kozur, H.W., Nemyrovskaya, T.I., Schneider, J.W., Wang, X.D., Weddige, K., Weyer, D., Work, D.M. (2006): Global time scale and regional stratigraphic reference scales of Central and West Europe, East Europe, Tethys, South China, and North America as used in the Devonian–Carboniferous–Permian Correlation Chart 2003 (DCP 2003). *Palaeogeography Palaeoclimatology Palaeoecology*, 240, 1-2, 318–372.

WoS: IF₂₀₀₅: 1,899; **Q1** (4/35) in Paleontology; **Q2** (8/30) in Geography, Physical; **Q1** (24/129) in Geosciences, Multidisciplinary; počet citací: 212

Mücke, A., **Fojt, B.**, Skácel, J. (2006): The Malé Vrbno magnetite occurrence of the Velké Vrbno Unit, Czech Republic: petrology, mineralogy, geochemistry and genesis. *Chemie der Erde - Geochemistry*, 66, 2, 109–127.

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

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

WoS: IF₂₀₀₅: 1,299; **Q2** (46/129) in Geosciences, Multidisciplinary; počet citací: 125

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: 289

Šlesarová, A., **Zeman, J.**, Kušnierová, M. (2006): The evolution of mine waters quality at the locality of Smolník. *Acta montanistica Slovaca*, 11, 4, 245–250.

WoS: IF₂₀₀₅: neuvedeno; počet citací: 0

Slobodník, M., Muchez, P., Král, J., Keppens, E. (2006): Variscan veins: record of fluid circulation and Variscan tectonothermal events in Upper Palaeozoic limestones of the Moravian Karst, Czech Republic. *Geological Magazine*, 143, 4, 491–508.

WoS: IF₂₀₀₅: 1,299; **Q2** (46/129) in Geosciences, Multidisciplinary; počet citací: 10

Šrámek, O., Gelinis, P., Lefebvre, R., Nicholson, R.V. (2006): Comparison of methods for the estimation of pyrite oxidation rate in a waste rock pile at Mine Doyon site, Quebec, Canada. *Journal of Geochemical Exploration*, 91, 1-3, 99–109.

WoS: IF₂₀₁₇: 0,665; **Q4** (42/55) in Geochemistry & Geophysics; počet citací: 19

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: 7

2005 (celkem 7 článků, 5 studentů spoluautorů – červeně)

Bartáková, I., Zeman, J. (2005): Steady states establishment during pyrite oxidation. *Chemické listy*, 99, 14, 533–535.

WoS: IF₂₀₀₄: 0,348; Q4 (101/125) in Chemistry, Multidisciplinary; počet citací: 0

Breiter, K., Mueller, A., Leichmann, J., Gabašová, A. (2005): Textural and chemical evolution of a fractionated granitic system: the Podlesí stock, Czech Republic. *Lithos*, 80, 1, 323–345.

WoS: IF₂₀₀₄: 2,567; Q1 (2/23) in Mineralogy; Q1 (9/50) in Geochemistry & Geophysics; počet citací: 52

Breiter, K., Novák, M., Koller, F., Cempírek, J. (2005): Phosphorus – an omnipresent minor element in garnet of diverse textural types from leucocratic granitic rocks. *Mineralogy and Petrology*, 85, 3-4, 205–221.

WoS: IF₂₀₀₄: 0,820; Q3 (15/23) in Mineralogy; Q3 (34/50) Geochemistry & Geophysics; počet citací: 20

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: 41

Faimon, J. (2005): Shaping of clay fragments during transport: a theoretical model. *Geologica Carpathica*, 56, 5, 455–460.

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

Faimon, J. (2005): Total dynamics of quartz–water system at ambient conditions. *Aquatic Geochemistry*, 11, 2, 139–172.

WoS: IF₂₀₀₄: 0,720; Q3 (37/50) in Geochemistry & Geophysics; počet citací: 6

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 16 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., **Šráček, 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: 363

Almeida, R.M.R., Lauria, D.C., Ferreira, A.C., **Šráček, O.** (2004): Groundwater radon, radium and uranium concentrations in Regiao dos Lagos, Rio de Janeiro state, Brazil. *Journal of Environmental Radioactivity*, 73, 3, 323–334.

WoS: IF₂₀₀₃: 0,837; Q3 (73/131) in Environmental Sciences; počet citací: 43

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