

## Přehled impaktovaných publikací učitelů/studentů ÚGV PŘF MU v Brně v období 2003-2019

2019 (celkem 15 článků, 9 studentů spoluautorů – červeně)

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

**WoS:** IF<sub>2018</sub>: 2,764; **Q2** (34/84) in *Geochemistry & Geophysics*; počet citací: 0

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

**WoS:** IF<sub>2018</sub>: 3,387; **Q1** (3/46) in *Geology*; **Q1** (6/29) in *Mineralogy*; **Q1** (2/19) in *Mining & Mineral Processing*; počet citací: 0

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

**WoS:** IF<sub>2018</sub>: 2,720; **Q2** (31/86) in *Meteorology & Atmospheric Sciences*; počet citací: 0

Jančová, M., **Štelel, 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, 9<sup>th</sup>–10<sup>th</sup> 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:** IF<sub>2018</sub>: 0,577; **Q4** (72/90) in *Anthropology*; 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:** IF<sub>2018</sub>: 3,538; **Q1** (39/196) in *Geosciences, Multidisciplinary*; počet citací: 0

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

**WoS:** IF<sub>2017</sub>: 2,575; **Q1** (9/47) in *Geology*; 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:** IF<sub>2018</sub>: 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:** IF<sub>2018</sub>: 0,759; **Q4** (36/46) in *Geology*; počet citací: 0

**Nehyba, S.**, Otava, J., Tomanová-Petrová, P., Gazdová, A. (2019): The foreland 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:** IF<sub>2018</sub>: 1,699; **Q3** (121/196) in *Geosciences, Multidisciplinary*; 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:** IF<sub>2018</sub>: 3,618; **Q1** (19/84) in *Geochemistry & Geophysics*; počet citací: 0

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

**WoS:** IF<sub>2018</sub>: 2,597; **Q2** (71/196) in *Geosciences, Multidisciplinary*; počet citací: 0

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

**WoS:** IF<sub>2018</sub>: 2,894; **Q2** (29/84) in Geochemistry & Geophysics; počet citací: 0

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

**WoS:** IF<sub>2018</sub>: 5,589; **Q1** (27/250) in Environmental Sciences; počet citací: 0

**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:** IF<sub>2018</sub>: 1,959; **Q3** (142/250) in Environmental Sciences; počet citací: 0

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

**WoS:** IF<sub>2018</sub>: 0,476; **Q4** (25/25) in Materials Science, Composites; **Q4** (56/63) in Construction & Building Technology; počet citací: 0

## 2018 (celkem 40 článků, 17 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:** IF<sub>2017</sub>: 3,811; **Q1** (1/36) in Engineering, Geological; **Q1** (25/190) in Geosciences, Multidisciplinary; počet citací: 2

**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:** IF<sub>2017</sub>: 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:** IF<sub>2017</sub>: 1,415; **Q3** (18/29) in Mineralogy; **Q3** (53/85) in Geochemistry & Geophysics; počet citací: 1

**Cempírek, J., Novák, M.** (2018): Foreword to the special issue arising from the international conference “Tourmaline 2017”. *Journal of Geosciences*, 63, 2, 75–76.

**WoS:** IF<sub>2017</sub>: 1,415; **Q3** (18/29) in Mineralogy; **Q3** (53/85) in Geochemistry & Geophysics; počet citací: 0

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

**WoS:** IF<sub>2017</sub>: 3,626; **Q1** (6/29) in Mineralogy; **Q1** (17/85) in Geochemistry & Geophysics; počet citací: 1

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

**WoS:** IF<sub>2017</sub>: 3,740; **Q1** (5/34) in Soil Science; počet citací: 1

Frýbort, A., **Všianský, D., Štulířová, J., Stryk, J., Gregerová, M.** (2018): Variations in the composition and relations between alkali-silica gels and calcium silicate hydrates in highway concrete. *Materials Characterization*, 137, 91–108.

**WoS:** IF<sub>2017</sub>: 2,892; **Q2** (89/285) in Materials Science, Multidisciplinary; **Q1** (10/75) in Metallurgy & Metallurgical Engineering; **Q1** (3/33) in Materials Science, Characterization & Testing; počet citací: 1

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

**WoS:** IF<sub>2017</sub>: 1,249; **Q2** (28/56) in Paleontology; počet citací: 1

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

**WoS:** IF<sub>2017</sub>: 1,085; Q3 (27/47) in Geology; počet citací: 0

Holcová, K., **Doláková, N.**, **Nehyba, S.**, Vacek, F. (2018): Timing of Langhian bioevents in the Carpathian Foredeep and north ern Pannonian Basin in relation to oceanographic, tectonic and climatic processes. *Geological Quarterly*, 62, 1, 3–17.

**WoS:** IF<sub>2017</sub>: 1,128; Q3 (26/47) in Geology; počet citací: 2

**Ivanov, M.**, Ruta, M., Klembara, J., Böhme, M. (2018): A new species of *Varanus* (Anguimorpha: Varanidae) from the early Miocene of the Czech Republic, and its relationships and palaeoecology. *Journal of Systematic Palaeontology*, 16, 9, 767–797.

**WoS:** IF<sub>2017</sub>: 2,326; **Q1** (6/56) in Paleontology; Q3 (31/49) in Evolutionary Biology; počet citací: 1

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

**WoS:** IF<sub>2017</sub>: 1,249; **Q2** (28/56) in Paleontology; počet citací: 0

**Jirman, P.**, **Geršlová, E.**, **Kalvoda, J.**, **Melichar, R.** (2018): 2D Basin Modelling in the Eastern Variscan Fold Belt (Czech Republic): Influence of Thrusting on Patterns of Thermal Maturation. *Journal of Petroleum Geology*, 41, 2, 175–188.

**WoS:** IF<sub>2017</sub>: 1,872; Q3 (99/189) in Geosciences, Multidisciplinary; počet citací: 3

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

**WoS:** IF<sub>2017</sub>: 2,375; **Q2** (23/49) in Geography, Physical; **Q2** (71/190) in Geosciences, Multidisciplinary; **Q1** (5/56) in Paleontology; počet citací: 3

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

**WoS:** IF<sub>2017</sub>: 1,128; Q3 (26/47) in Geology; počet citací: 0

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

**WoS:** IF<sub>2017</sub>: 0,945; Q4 (25/29) in Mineralogy; počet citací: 0

Monsef, M.A.E., Salem, I., **Slobodník, M.**, Ragab, A. (2018): Fluid evolution of Au-Cu zones in Um Balad area North Eastern Desert of Egypt: Implication from mineral chemistry and fluid inclusions. *Journal of African Earth Sciences*, 143, 321–338.

**WoS:** IF<sub>2017</sub>: 1,532; Q3 (122/190) in Geosciences, Multidisciplinary; počet citací: 0

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

**WoS:** IF<sub>2017</sub>: 1,169; Q4 (147/190) in Geosciences, Multidisciplinary; počet citací: 0

Nejman, L., **Lisá, L.**, **Doláková, N.**, Horáček, I., Bajer, A., Novák, J., Wright, D., Sullivan, M., Wood, R., Gargett, R.H., Pacher, M., Sázelová, S., Nývltová Fišáková, M., Rohovec, J., Králík, M. (2017): Cave deposits as a sedimentary trap for the Marine Isotope Stage 3 environmental record: The case study of Pod Hradem, Czech Republic. *Palaeogeography Palaeoclimatology Palaeoecology*, 497, 201–217.

**WoS:** IF<sub>2017</sub>: 2,375; **Q2** (23/49) in Geography, Physical; **Q2** (71/190) in Geosciences, Multidisciplinary; **Q1** (5/56) in Paleontology; počet citací: 2

**Novák, M.**, Chládek, Š., Uher, P., **Gadas, P.** (2018): Complex magmatic and subsolidus compositional trends of columbite–tantalite in the beryl–columbite Šejby granitic pegmatite, Czech Republic: role of crystal-structural constraints and associated minerals. *Journal of Geosciences*, 63, 253–263.

**WoS:** IF<sub>2017</sub>: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 0

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

**WoS:** IF<sub>2017</sub>: 2,163; Q3 (29/49) in Geography, Physical; Q2 (85/190) in Geosciences, Multidisciplinary; počet citací: 1

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

**WoS:** IF<sub>2017</sub>: 2,414; Q2 (69/190) in Geosciences, Multidisciplinary; počet citací: 0

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

**WoS:** IF<sub>2017</sub>: 1,616; Q3 (35/49) in Geography, Physical; Q2 (17/47) in Geology; počet citací: 0

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

**WoS:** IF<sub>2017</sub>: 2,638; Q2 (21/49) in Geography, Physical; Q2 (59/190) in Geosciences, Multidisciplinary; počet citací: 0

Rak, Š., Broda, K., **Kumpan, T.** (2018): First Carboniferous thylacocephalan from Europe and its significance for the understanding of functional morphology of Concavacarididae Schram, 2014. *Crustaceana*, 91, 3, 265–285.

**WoS:** IF<sub>2017</sub>: 0,517; Q4 (95/106) in Marine & Freshwater Biology; počet citací: 0

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

**WoS:** IF<sub>2017</sub>: 2,333; Q2 (75/190) in Geosciences, Multidisciplinary; počet citací: 0

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

**WoS:** IF<sub>2017</sub>: 2,061; Q2 (36/90) in Water Resources; počet citací: 0

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

**WoS:** IF<sub>2017</sub>: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 1

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

**WoS:** IF<sub>2017</sub>: 2,622; Q2 (61/190) in Geosciences, Multidisciplinary; počet citací: 1

Svoboda, J., Pokorný, P., Horáček, I., Sázlová, 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:** IF<sub>2017</sub>: 2,163; Q3 (29/49) in Geography, Physical; Q2 (85/190) in Geosciences, Multidisciplinary; počet citací: 1

**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:** IF<sub>2017</sub>: 1,744; Q3 (15/29) in Mineralogy; počet citací: 1

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

**WoS**: IF<sub>2017</sub>: 2,638; **Q2** (21/49) in Geography, Physical; **Q2** (59/190) in Geosciences, Multidisciplinary; počet citací: 2

**Toman, J., Novák, M.** (2018): Textural Relations and Chemical Composition of Minerals from a Pollucite + Harmotome + Chabazite Nodule in the Věžná I Pegmatite, Czech Republic. *Canadian Mineralogist*, 56, 4, 375–392.

**WoS**: IF<sub>2017</sub>: 0,945; **Q4** (25/29) in Mineralogy; počet citací: 0

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

**WoS**: IF<sub>2017</sub>: 3,857; **Q1** (4/29) in Mineralogy; **Q1** (14/85) in Geochemistry & Geophysics; počet citací: 1

**Vöröš, D.**, Díaz-Somoano, M., **Geršlová, E.**, Sýkorová, I., Suárez-Ruiz, I. (2018): Mercury contamination of stream sediments in the North Bohemian Coal District (Czech Republic): Mercury speciation and the role of organic matter. *Chemosphere*, 211, 664–673.

**WoS**: IF<sub>2017</sub>: 4,427; **Q1** (35/242) in Environmental Sciences; počet citací: 2

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

**WoS**: IF<sub>2017</sub>: 4,130; **Q1** (17/190) in Geosciences, Multidisciplinary; **Q2** (26/97) in Energy & Fuels; počet citací: 1

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

**WoS**: IF<sub>2017</sub>: 2,414; **Q2** (69/190) in Geosciences, Multidisciplinary; počet citací: 0

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

**WoS**: IF<sub>2017</sub>: 1,367; **Q2** (20/47) in Geology; **Q2** (25/55) in Paleontology; počet citací: 0

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

**WoS**: IF<sub>2017</sub>: 1,835; **Q2** (13/29) in Mineralogy; **Q2** (7/20) in Mining & Mineral Processing; počet citací: 2

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

**WoS**: IF<sub>2017</sub>: 3,256; **Q1** (39/190) in Geosciences, Multidisciplinary; **Q1** (7/34) in Soil Science; **Q1** (10/90) in Water Resources; počet citací: 0

## 2017 (celkem 48 článků, 16 studentů spoluautorů – červeně)

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

**WoS**: IF<sub>2016</sub>: 2,958; **Q2** (14/49) in Geography, Physical; **Q1** (41/188) in Geosciences, Multidisciplinary; počet citací: 5

Belley, P.M., Dzikowski, T.J., Fagan, A., **Cempírek, J.**, Groat, L.A., Mortensen, J.K., Fayek, M., Giuliani, G., Fallick, A.E., Gertzbein, P. (2017): Origin of scapolite-hosted sapphire (corundum) near Kimmirut, Baffin Island, Nunavut, Canada. *Canadian Mineralogist*, 55, 4, 669–699.

**WoS**: IF<sub>2016</sub>: 0,817; **Q4** (22/29) in Mineralogy; počet citací: 1

Bosi, F., Skogby, H., Ciriotti, M.E., **Gadas, P., Novák, M., Cempírek, J., Všíanský, D.**, Filip, J. (2017): Lucchesiite,  $\text{CaFe}_3^{2+}\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$ , a new mineral species of the tourmaline supergroup. *Mineralogical Magazine*, 81, 1, 1–14.

**WoS:** IF<sub>2016</sub>: 1,285; Q3 (15/29) in Mineralogy; počet citací: 10

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