Přehled impaktovaných publikací učitelů/studentů ÚGV PřF MU v Brně v období 2003-2021

2021 (celkem 30 článků, 14 studentů spoluautorů – červeně)

Adameková, K., Lisá, L., Neruda, P., **Petřík, J.**, **Doláková, N.**, Novák, J., Volánek, J. (2021): Pedosedimentary record of MIS 5 as an interplay of climatic trends and local conditions: Multi-proxy evidence from the Palaeolithic site of Moravský Krumlov IV (Moravia, Czech Republic). Catena, 200, 105174. doi: 10.1016/j.catena.2021.105174
WoS: IF_{2020}: 5,198; Q1 (12/98) in Water Resources; Q1 (7/37) in Soil Science; Q1 (22/199) in Geosciences, Multidisciplinary; počet citací: 1

Bábek, O., **Kumpan, T.**, Calner, M., Šimíček, D., Frýda, J., Holá, M., Ackerman, L., Kolková, K. (2021): Redox geochemistry of the red „orthoceratite limestone" of Baltoscandia: Possible linkage to mid-ordoviian palaeoceanographic changes. Sedimentary Geology, 420, 105934. doi: 10.1016/j.sedgeo.2021.105934
WoS: IF_{2020}: 3,397; Q1 (7/48) in Geology; počet citací: 0

Bárta, O., **Melichar, R.**, Černý, J. (2021): How many extensional stages marked the variscan gravitational collapsse in the Bohemian Massif? Annales Societatis Geologorum Poloniae, 91. In press. doi: 10.14241/asgp.2021.08
WoS: IF_{2020}: 1,333; Q3 (29/48) in Geology; počet citací: 0

Bednář, D., Otáhal, P., Němeček, L, **Geršlová, E.** (2021): The analytical approach of drone use in radition monitoring. Radioprotection, 56, 1, 61–67. doi: 10.1051/radiopro/2020066
WoS: IF_{2020}: 1,015; Q4 (258/274) in Envrionmental Sciences; Q4 (125/134) in Radiology, Nuclear Medicine & Medical Imaging; Q4 (187/203) in Public, Environmental & Occupational Health; Q4 (28/34) in Nuclear Science & Technology; počet citací: 0

Bonilla-Salomón, I., Čermák, S., Luján, Á.H., Horáček, I., **Ivanov, M.**, Sabol, M. (2021): Early Miocene small mammals from MWQ1/2001 Turtle Joint (Mokrá-Quarry, South Moravia, Czech Republic): biostratigraphical and palaeoecological considerations. Bulletin of Geosciences, 96, 1, 99–122.
WoS: IF_{2020}: 1,600; Q2 (27/57) in Paleontology; Q4 (157/199) in Geosciences, Multidisciplinary; počet citací: 0

Březina, J., Alba, D.M., **Ivanov, M.**, Hanáček, M., Luján, Á.H. (2021): A middle Miocene vertebrate assemblage from the Czech part of the Vienna Basin: Implications for the paleoenvironments of the Central Paratethys. Palaeogeography, Palaeoclimatology, Palaeoecology, 575, 110473.
WoS: IF_{2020}: 3,318; Q2 (21/50) in Geography, Physical; Q1 (2/54) in Paleontology; Q2 (74/199) in Geosciences, Multidisciplinary; počet citací: 0

Čopjaková, R., **Prokop, J.**, **Novák, M.**, **Losos, Z.**, **Gadas, P.**, **Škoda, R.**, Holá, M. (2021): Hydrothermal alteration of tourmaline from pegmatitic rocks enclosed in serpentinites: Multistage processes with distinct fluid sources. Lithos, 380-381, 105823. doi: 10.1016/j.lithos.2020.105823
WoS: IF_{2020}: 4,004; Q1 (7/30) in Mineralogy; Q1 (19/88) in Geochemistry & Geophysics; počet citací: 0

Doláková, N., Kováčová, M., Utescher, T. (2021): Vegetation and climate changes during the Miocene climatic optimum and Miocene climatic transition in the northwestern part of Central Paratethys. Geological Journal, 56, 2, 729–743. doi: 10.1002/gj.4056
WoS: IF_{2020}: 2,489; Q3 (112/199) in Geosciences, Multidisciplinary; počet citací: 1

Frýbort, A., Štulířová, J., Zavřel, T., **Gregerová, M.**, **Všianský, D.** (2021): Reactivity of slag in 15 years old self-compacting concrete. Construction and Building Materials, 267, 120914. doi: 10.1016/j.conbuildmat.2020.120914
WoS: IF_{2020}: 6,141; Q1 (7/136) in Engineering, Civil; Q2 (86/335) in Materials Science, Multidisciplinary; Q1 (7/66) in Construction & Building Technology; počet citací: 0

Haifler, J., **Škoda, R.**, Filip, J., Larsen, A.O., Rohlíček, J. (2021): Zirconolite from Larvik Plutonic Complex, Norway, its relationship to stefanweissite and nöggerathite, and contgribution to the improvement of zirconolite endmember systematice. American Mineralogist. In press. doi: 10.2138/am-2021-7510
WoS: IF_{2020}: 3,003; Q2 (10/30) in Mineralogy; Q2 (36/88) in Geochemistry & Geophysics; počet citací: 0

Hurai, V., Blažeková, M., Huraiová, M., Siegfried, P.R., **Slobodník, M.**, Konečný, P. (2021): Thermobarometric and geochronologic constraints on the emplacement of the Neoproterozoic Evate carbonatite during exhumation of the Monapo granulite complex, Mozambique. Lithos, 380-381, 105883. doi: 10.1016/j.lithos.2020.105883
WoS: IF_{2020}: 4,004; Q1 (7/30) in Mineralogy; Q1 (19/88) in Geochemistry & Geophysics; počet citací: 2

Jašek, O., Toman, J., **Všianský, D.**, Jurmanová, J., Šnírer, M., Hemzal, D., Bannov, A.G., Hajzler, J, Sťahel, P., Kudrle, V. (2021): Controlled high temperature stability of microwave plasma synthesized graphene nanosheets. Journal of Physics D: Applied Physics, 54, 16, 165201. doi: 10.1088/1361-6463/abdb6d
WoS: IF_{2020}: 3,207; Q2 (58/160) in Physics, Applied; počet citací: 1

Juráček, J., Zachariáš, J., **Melichar, R.** (2021): Palaeostress analysis based on multiple inversion in 9-dimensional space in relation to hydrothermal calcite veins in the SE margin of the Elbe Fault Zone (Bohemian Cretaceous Basin, the Czech Republic). Zeitschrift der Deutschen gesellschaft für Geowissenschaften, 172, 2. In press. doi: 10.1127/zdgg/2021/0277
WoS: IF_{2020}: 1,000; Q4 (181/199) in Geosciences, Multidisciplinary; počet citací: 0

Kočová Veselská, M., Kočí, T., Jäger, M., Mikuláš, R., Heřmanová, Z., Morel, N., **Šamánek, J.** (2021): Sclerobionts on tubes of the serpulid *Pyrgopolon (Pyrgopolon) deforme* (Lamarck, 1818) from the upper Cenomanian of Le Mans region, France. Cretaceous Research, 125, 104873. doi: 10.1016/j.cretres.2021.104873
WoS: IF_{2020}: 2,176; Q1 (13/54) in Paleontology; Q2 (14/48) in Geology; počet citací: 0

Koníčková, Š., **Losos, Z.**, Houzar, S., **Všianský, D.** (2021): Specific green zonal silica nodules of serpentinite weathering: Unusual products of silicification in laterite-like residuum (Moldanubian Zone, Bohemian Massif). Geologica Carpathica, 72, 1, 68–81. doi: 10.31577/GeolCarp.72.1.5
WoS: IF_{2020}: 1,875; Q3 (143/199) in Geosciences, Multidisciplinary; počet citací: 0

Kremser, K., Thallner, S., Strbik, D., Spiess, S., Kučera, J., Vaculovič, T., **Všianský, D.**, Haberbauer, M., Mandl, M., Guebitz, G.M. (2021): Leachability of metals from waste incineration residues by iron- and sulfur-oxidizing bacteria. Journal of Environmental Management, 280, 111734. doi: 10.1016/j.jenvmang.2020.111734
WoS: IF_{2020}: 6,789; Q1 (34/274) in Environmental Sciences; počet citací: 1

Krmíček, L., **Novák, M.**, Trumbull, R.B., **Cempírek, J.**, Houzar, S. (2021): Boron isotopic variations in tourmaline from metacarbonattes and associated talc-silicate rocks from the Bohemian Massif: Constraints on boron recycling in the Variscan orogen. Geoscience Frontiers, 12, 1, 219–230. doi: 10.1016/j.gsf.2020.03.009
WoS: IF_{2020}: 6,853; Q1 (8/199) in Geosciences, Multidisciplinary; počet citací: 0

Krmíček, L., Ulrych, J., Jelínek, E., Skála, R., **Krmíčková, S.**, Korbelová, Z., Balogh, K. (2021): Petrogenesis of Cenozoic high-Mg (picritic) volcanic rocks in the České středohoří Mts. (Bohemian Massif, Czech Republic). Mineralogy and Petrology. In press. doi: 10.1007/s00710-020-00729-5
WoS: IF_{2020}: 1,708; Q2 (15/30) in Mineralogy; Q3 (54/88) in Geochemistry & Geophysics; počet citací: 0

Malíčková, I., Bačík, P., Fridrichová, J, Hanus, R., Illášová, L´., Štubňa, J., Furka, D., Furka, S., **Škoda, R.** (2021): Optical and Luminescence Spectroscopy of Varicolored Gem Spinel from Mogok, Myanmar and Lục Yên, Vietnam. Minerals, 11, 2, 169.
WoS: IF_{2020}: 2,644; Q2 (11/30) in Mineralogy; Q2 (42/88) in Geochemistry & Geophysics; Q2 (9/21) in Mining & Mineral Processing; počet citací: 0

Majzlan, J., Plášil, J., Dachs, E., Benisek, A., Mangold, S., **Škoda, R.**, Abrosimova, N. (2021): Prediction and observation of formation of Ca–Mg arsenates in acidic and alkaline fluids: Thermodynamic properties and mineral assemblages at Jáchymov, Czech Republic and Rotgülden, Austria. Chemical Geology, 559, 119922. doi: 10.1016/j.chemgeo.2020.119922
WoS: IF_{2020}: 4,015; Q1 (18/88) in Geochemistry & Geophysics; počet citací: 1

Nawrocki, J., **Leichmann, J.**, Pańczyk, M. (2021): Mid-Ediacaran bimodal magmatism and peri-Baltic affinity of the Brunovistulia terrane documented by the U-Pb isotope and palaeomagnetic data from the Brno Massif (Central Europe). Precambrian Research, 358, 106147. doi: 10.1016/j.precamres.2021.106147
WoS: IF_{2020}: 4,725; Q1 (30/199) in Geosciences, Multidisciplinary; počet citací: 0

Pavelková, A., Cencerová, V., **Zeman, J.**, Antos, V., Nosek, J. (2021): Reduction of chlorinated hydrocarbons using nano zero-valent iron supported with an electric field. Characterization of electrochemical processes and thermodynamic stability. Chemosphere, 265, 128764. doi: 10.1016/j.chemosphere.2020.128764
WoS: IF_{2020}: 7,086; Q1 (30/274) in Environmental Sciences; počet citací: 0

Petřík, J., **Adameková, K.**, Petr, L., Jouffroy-Bapicot, I., Kočár, P., Kočárová, R., Goláňová, P., Guichard, V. (2021): Landscape evolution around the oppidum of Bibracte (Northern Massif Central, France) from the Lte Iron Age to the Post-Mediaeval period. Quaternary International. In press. doi: 10.1016/j.quaint.2021.02.022
WoS: IF_{2020}: 2,130; Q3 (36/50) in Geography, Physical; Q3 (126/199) in Geosciences, Multidisciplinary; počet citací: 0

Přikryl, T., **Brzobohatý, R.**, Carnevale, G. (2021): Skeletal remains with otoliths *in situ* of the Miocene croaker *Trewasciaena* cf. *kokeni* (Teleostei, Sciaenidae) from the Pannonian of the Vienna Basin. Bulletin of Geosciences, 96, 1, 19–28. doi: 10.3140/bull.geosci.1813
WoS: IF_{2020}: 1,600; Q2 (27/57) in Paleontology; Q4 (157/199) in Geosciences, Multidisciplinary; počet citací: 0

Steciuk, G., **Škoda, R.**, **Dillingerová, V.**, Plášil, J. (2021): Chemical variability in vyacheslavite, $U(PO_4)(OH)$: crystal-chemical implications for hydrous and hydroxylated U^{4+}, Ca and *REE* phosphates. American Mineralogist. In press. doi: 10.2138/am-2021-7875
WoS: IF_{2020}: 3,003; Q2 (10/30) in Mineralogy; Q2 (36/88) in Geochemistry & Geophysics; počet citací: 0

Stepanov, S.Y., Palamarchuk, R.S., Varlamov, D.A., Kiseleva, D.V., Sharpyonok, L.N., **Škoda, R.**, Kasatkin, A.V. (2021): The Features of Native Gold in Ore-Bearing Breccias with Realgar-Orpiment Cement of the Vorontsovskoe Deposit (Northern Urals, Russia). Minerals, 11, 5, 541. doi: 10.3390/min11050541
WoS: IF_{2020}: 2,644; Q2 (11/30) in Mineralogy; Q2 (42/88) in Geochemistry & Geophysics, počet citací: 0

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WoS: IF_{2021}: 1,438; Q3 (36/54) in Paleontology; počet citací: 0

Zemánek, D., Lang, K., Tvrdík, L., **Všianský, D.**, Nevřivová, L., **Štursa, P.**, Kovář, P., Keršnerová, Dvořák K. (2021): Development and Properties of New Mullite Based Refractory Grog. Materials, 14, 4, 779. doi: 10.3390/ma14040779
WoS: IF_{2020}: 3,623; Q2 (27/69) in Physics, Condensed Matter; Q1 (17/80) in Metallurgy & Metallurgical Engineering; Q2 (152/335) in Materials Science, Multidisciplinary; Q2 (51/160) in Physics, Applied; Q2 (79/162) in Chemistry, Physical; počet citací: 0

Zeug, M., Nasdala, L., Ende, M., Habler, G., Hauzenberger, C., Chanmuang, C.N., **Škoda, R.**, Topa, D., Wildner, M., Wirth, R. (2021): The parisite–(Ce) enigma: challenges in the identification of fluorcarbonate minterals. Mineralogy and Petrology, 115, 1, 1–19. doi: 10.1007/s00710-020-00723-x
WoS: IF_{2020}: 1,708; Q2 (15/30) in Mineralogy; Q3 (54/88) in Geochemistry & Geophysics; počet citací: 0

Zhuravlev, A.V., Plotitsyn, A.N., **Cígler, V.**, **Kumpan, T.** (2021): Taxonomic notes on some advanced Tournaisian (Mississippian) siphonodellids (Conodonta). Geobios, 64, 93–101. doi: 10.1016/j.geobios.2020.12.001
WoS: IF_{2020}: 1,529; Q3 (31/54) in Paleontology; počet citací: 0

2020 (celkem 59 článků, 16 studentů spoluautorů – červeně)

Ackerman, L., Kotková, J., **Čopjaková, R.**, Sláma, J., Trubač, J., Dillingerová, V. (2020): Petrogenesis and Lu–Hf dating of (ultra)mafic rocks from the Kutná Hora Crystalline Complex: implications for the Devonian evolution of the Bohemian Massif. Journal of Petrology, 61, 8, egaa075. doi: 10.1093/petrology/egaa075
WoS: IF_{2019}: 3,451; Q1 (20/85) in Geochemistry & Geophysics; počet citací: 0

Bačík, P., Fridrichová, J., Štubňa, J., Bancík, t., Illášová, L'., Pálková, H., **Škoda, R.**, Mikuš, T., Milovská, S., Vaculovič, T., Sečkár, P. (2020): The REE-Induced Absorption and Luminescence in Yellow Gem-Quality Durango-Type Hydroxylapatite from Muránská Dlhá Lúka, Slovakia. Minerals, 10, 11, 1001. doi: 10.3390/min10111001

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Barros, R., Kaeter, D., Menuge, J.F., **Škoda, R.** (2020): Controls on chemical evolution and rare element enrichment in crystallising albite-spodumene pegmatite and wallrocks: Constraints from mineral chemistry. Lithos, 352, 105289. doi: 10.1016/j.lithos.2019.105289
WoS: IF_{2019}: 3,390; Q2 (22/85) in Geochemistry & Geophysics; Q2 (8/30) in Mineralogy; počet citací: 2

Berčáková, A., **Melichar, R.**, Souček, K. (2020): Mechanical Properties and Failure Patterns of Migmatized Gneiss with Metamorphic Foliation Under UCS Test. Rock Mechanics and Rock Engineering, 53, 2007–2013. doi: 10.1007/s00603-019-02012-2
WoS: IF_{2019}: 4,140; Q1 (5/39) in Engineering, Geological; Q1 (24/200) in Geosciences, Multidisciplinary; počet citací: 2

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WoS: IF_{2019}: 3,790; Q1 (31/200) in Geosciences, Multidisciplinary; počet citací: 0

Boriová, S., Sázelová, S., Novák, M., **Štelcl, J.**, Svoboda, J. (2020): Human and non-human taphonomic effects on faunal remains from the Late Upperd Paleolithic: a case study from the Stránská skála IV site, Czech Republic. International Journal of Osteoarchaeology, 30,2, 155–169. doi: 10.1002/oa.2843
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WoS: IF_{2019}: 1,461; Q3 (53/85) in Geochemistry & Geophysics; Q3 (17/30) in Mineralogy; počet citací: 0

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WoS: IF_{2019}: 3,639; Q1 (16/85) in Geochemistry & Geophysics; počet citací: 0

Dvořák, K., **Všianský, D.**, Gazdič, D., Fridrichová, M., Vaiciukyniene, D. (2020): Thaumasite formation by hydration of sulphosilicate clinker. Materials Today Communications, 25, 101449. doi: 10.1016/j.mtcomm.2020.101449
WoS: IF_{2019}: 2,678; Q2 (151/314) in Materials Science, Multidisciplinary; počet citací: 1

Faimon, J., **Lang, M.**, Geršl, M., Sracek, O., Bábek, O. (2020): The „breathing spots" in karst areas—the sites of advective exchange of gases between soils and adjacent underground cavities. Theoretical and Applied Climatology, 142, 1-2, 85–101. doi: 10.1007/s00704-020-03280-7
WoS: IF_{2019}: 2,882; Q2 (40/93) in Meteorology & Atmospheric Sciences; počet citací: 0

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WoS: IF_{2019}: 1,449; Q3 (18/30) in Mineralogy; počet citací: 0

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WoS: IF_{2019}: 1,738; Q2 (13/30) in Mineralogy; počet citací: 1

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Kasatkin, A.V., Nestola, F., **Škoda, R.**, Chukanov, N.V., Agakhanov, A.A., Belakovskiy, D.I., Lanza, A., Holá, M., Rumsey, M.S. (2020): Hingganite-(Nd), $Nd_2\square Be_2Si_2O_8(OH)_2$, a new gadolinite-supergroup mineral from zagi Mountain, Pakistan. Canadian Mineralogist, 58, 5, 549–562. doi: 10.3749/canmin.2000039
WoS: IF_{2019}: 1,449; Q3 (18/30) in Mineralogy; počet citací: 1

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