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

2021 (celkem 7 článků, 3 studenti spoluautoři – červeně)

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:

Gadas, P., **Novák, M.**, Vašinová Galiová, M., Szuszkiewicz, A., Pieczka, A., **Haifler, J.**, **Cempírek, J.** (2021): Secondary Beryl in Cordierite/Sekaninaite Pseudomorphs from Granitic Pegmatites – A Monitor of Elevated Content of Beryllium in the Precursor. Canadian Mineralogist. In press. doi: 10.3749/canmin.2000014
WoS:

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:

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:

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:

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:

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, 1–19. doi: 10.1007/s00710-020-00723-x
WoS:

2020 (celkem 60 článků, 15 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
WoS: IF_{2019}: 2,380; Q2 (11/30) in Mineralogy; Q2 (6/21) in Mining & Mineral Processing; počet citací: 0

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: 0

Bednář, D., Otáhal, P., Němeček, L, **Geršlová, E.** (2020): The analytical approach of drone use in radition monitoring. Radioprotection. In press. doi: 10.1051/radiopro/2020066
WoS: IF_{2019}: 0,541; Q4 (259/265) in Environmental Sciences; Q4 (185/193) in Public, Environmental & Occupational Health; Q4 (30/34) in Nuclear Science & Technology; Q4 (129/133) in Radiology, Nuclear Medicine & Medical Imaging; počet citací: 0

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

Blaško, D., **Nehyba, S.** (2020): Synchrony evolution of two contradictory prograding Gilbert-type deltas at the margins of the foreland basin (case study from the Neogene Western Carpathian Foredeep). Marine and Petroleum Geology, 118, 104407. doi: 10.1016/j.marpetgeo.2020.104407
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
WoS: IF_{2019}: 1,228; Q2 (38/90) in Anthropology; počet citací: 1

Buriánek, D., **Buřivalová, L.**, Houzar, S., **Losos, Z.**, Miková, J. (2020): Geochronology and petrogenesis of orthogneisess from the Pacov body: implications for the subdivision of the Cambro-ordovician peraluminous magmatism and related mineralizations in the Monotonous and Varied units of the Moldanubian Zone (Bohemian Massif). Mineralogy and Petrology, 114, 175–197. doi: 10.1007/s00710-020-00699-8
WoS: IF_{2019}: 1,461; Q3 (53/85) in Geochemistry & Geophysics; Q3 (17/30) in Mineralogy; počet citací: 0

Černý, J., **Melichar, R.**, **Všianský, D.**, Drahokoupil, J. (2020): Magnetic Anisotropy of rocks: A New Classification of Inverse Magnetic Fabrics to Help Geological Interpretations. Journal of Geophyscial Research: Solid Earth, 125, 11, 1–13. doi: 10.1029/2020JB020426
WoS: IF_{2019}: 3,639; Q1 (16/85) in Geochemistry & Geophysics; počet citací: 0

Čopjaková, R., **Prokop, J.**, **Novák, M.**, **Losos, Z.**, **Gadas, P.**, **Škoda, R.**, Holá, M. (2020): Hydrothermal alteration of tourmaline from pegmatitic rocks enclosed in serpentinites: Multistage processes with distinct fluid sources. Lithos. In press. doi: 10.1016/j.lithos.2020.105823
WoS: IF_{2019}: 3,390; Q2 (22/85) in Geochemistry & Geophysics; Q2 (8/30) in Mineralogy; počet citací: 0

Doláková, N., Kováčová, M., Utescher, T. (2020): Vegetation and climate changes during the Miocene climatic optimum and Miocene climatic transition in the northwestern part of Central Paratethys. Geological Journal. In press. doi: 10.1002/gj.4056
WoS: IF_{2019}: 1,595; Q3 (137/200) in Geosciences, Multidisciplinary; 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: 0

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

Hurai, V., Blažeková, M., Huraiová, M., Siegfried, P.R., **Slobodník, M.**, Konečený, P. (2020): Thermobarometric and geochronologic constraints on the emplacement of the Neoproterozoic Evate carbonatite during exhumation of the Monapo granulite complex, Mozambique. Lithos. In press. doi: 10.1016/j.lithos.2020.105883
WoS: IF_{2019}: 3,390; Q2 (22/85) in Geochemistry & Geophysics; Q2 (8/30) in Mineralogy; počet citací: 0

Ivanov, M., Čerňanský, A., Bonilla-Salomón, I., Luján, Á.H. (2020): Early Miocene squamate assemblage from the Mokrá-Western Quarry (Czech Republic) and its palaeobiogeographical and palaeoenvironmental implications. Geodiversitas, 42, 20, 343–376. doi: 10.5252/geodiversitas2020v42a20
WoS: IF_{2019}: 1,021; Q4 (44/55) in Paleontology; počet citací: 0

Jirman, P., **Geršlová, E.**, Bubík, M., Sachsenhofer, R.F., **Medvecká, L.** (2020): Source rock potential of the Oligocene Menilite Formation in the Czech sector of the Subsilesian Unit (Flysch Carpathians). Geologica Carpathica, 71, 5, 402–417. doi: 10.31577/GeolCarp.71.5.2
WoS: IF_{2019}: 1,535; Q3 (141/200) in Geosciences, Multidisciplinary; počet citací: 0

Kaiser, S.I., **Kumpan, T.**, Rasser, M.W. (2020): High-resolution condont biostratigraphy in two key sections from the Carnic Alps (Grune Schneid) and Graz Paleozoic (Trolp) – implications for the biozonation concept at the Devonian-Carboniferous boundary. Newsletters on Stratigraphy, 53, 3, 249–274. doi: 10.1127/nos/2019/0520
WoS: IF_{2019}: 3,025; Q1 7/47) in Geology; počet citací: 1

Kasatkin, A.V., Britvin, S.N., Peretyazhko, I.S., Chukanov, N.V., **Škoda, R.**, Agakhanov, A.A. (2020): Oxybismutomicrolite, a new pyrochlore-supergroup mineral from the Malkhan pegmatite field, Central Transbaikalia, Russia. Mineralogical Magazine, 84, 3, 444–454. doi: 10.1180/mgm.2020.25
WoS: IF_{2019}: 1,738; Q2 (13/30) in Mineralogy; počet citací: 1

Kasatkin, A.V., Makovicky, E., Plášil, J., **Škoda, R.**, Agakhanov, A.A., Chaikovskiy, I.I., Vlasov, E.A., Pekov, I.V. (2020): Chukotkaite, $AgPb_7Sb_5S_{15}$, a new sulfosalt mineral from Eastern Chukotka, Russia. Canadian Mineralogist, 58, 5, 587–596. doi: 10.3749/canmin.2000036
WoS: IF_{2019}: 1,449; Q3 (18/30) in Mineralogy; počet citací: 0

Kasatkin, A.V., Makovicky, E., Plášil, J., **Škoda, R.**, Agakhanov, A.A., Stepanov, S.Y., Palamarchuk, R.S. (2020): Luboržákite, Mn_2AsSbS_5, a new member of pavonite homologous series from Vorontsovskoe gold deposit, Northern Urals, Russia. Mineralogical Magazine, 84, 5, 738–745. doi: 10.1180/mgm.2020.48
WoS: IF_{2019}: 1,738; Q2 (13/30) in Mineralogy; počet citací: 0

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: 0

Kasatkin, A.V., Zubkova, N.V., Pekov, I.V., Chukanov, N.V., **Škoda, R.**, Polekhovsky, Y.S., Agakhanov, A.A., Belakovskiy, D.I., Kuznetsov, A.M., Britvin, S.N., Pushcharovsky, D.Y. (2020): The mineralogy of the historical Mochalin Log REE deposit, South Urals, Russia. Part I. New gatelite-group minerals ferriperboeite-(La), $(CaLa_3)(Fe^{3+}Al_2Fe^{2+})[Si_2O_7][SiO_4]_3O(OH)_2$ and perboeite-(La), $(CaLa_3)(Al_3Fe^{2+})[Si_2O_7][SiO_4]_3O(OH)_2$. Mineralogial Magazine, 84, 4, 593–607. doi: 10.1180/mgm.2020.42
WoS: IF_{2019}: 1,738; Q2 (13/30) in Mineralogy; počet citací: 0

Krmíček, L., Ackerman, L., **Hrubý, J.**, Kynický, J. (2020): The highly siderophile elements and Re-Os isotope geochemistry of Variscan lamproites from the Bohemian Massif: implications for regionally dependent metasomatism of orogenic mantle. Chemical geology, 532, 11920. doi: 10.1016/j.chemgeo.2019.119290
WoS: IF_{2019}: 3,363; Q2 (23/85) in Geochemistry & Geophysics; počet citací: 3

Krmíček, L., Romer, R.L., **Cempírek, J.**, **Gadas, P.**, **Krmíčková, S.**, Glodny, J. (2020): Petrographic and Sr-Nd-Pb-Li isotope characeristics of a complex lamproite intrusion from the Saxo-Thuringian Zone: A unique example of peralkaline mantle-derived melt differentiation. Lithos, 374, 105735. doi: 10.1016/j.lithos.2020.105735
WoS: IF_{2019}: 3,390; Q2 (22/85) in Geochemistry & Geophysics; Mineralogy; Q2 (8/30) in Mineralogy; počet citací: 0

Krmíček, L., Ulrych, J., **Šišková, P.**, Krmíčková, S., Špaček, P., Křížová, Š. (2020): Geochemistry and Sr-Nd-Pb isotope characetristics of Miocene basalt-trachyte rock association in transitional zone betwen the Outer Western Carpathians and Bohemian Massif. Geologica Carpathica, 71, 5, 462–482. doi: 10.31577/GeolCarp.71.5.6
WoS: IF_{2019}: 1,535; Q3 (141/200) in Geosciences, Multidisciplinary; počet citací: 0

Krmíček, L., Romer, R.L., Timmerman, M.J., Ulrych, J., Glodny, J., **Přichystal, A.**, Sudo, M. (2020): Long-Lasting (65 Ma) Regionally Contrasting Late- to Post-Orogenic Variscan Mantle-derived Potassic Magmatism in the Bohemian Massif. Journal of Petrology, 61, 7, egaa072. doi: 10.1093/petrology/egaa072
WoS: IF_{2019}: 3,451; Q1 (20/85) in Geochemistry & Geophysics; počet citací: 0

Krmíčková, S., **Krmíček, L.**, Romer, R.L., Ulrych, J. (2020): Lead isotope evolution of the Central European upper mantle: Constraints from the Bohemian Massif. Geoscience Frontiers, 11, 3, 925–942. doi: 10.1016/j.gsf.2019.09.009
WoS: IF_{2019}: 4,202; Q1 (22/200) in Geosciences, Multidisciplinary; počet citací: 4

Kruzslicz, A.B., Nasdala, L., Wildner, M., **Škoda, R.**, Redhammer, G.J., Hauzenberger, C., Wanthanachaisaeng, B. (2020): Black Spinel-A Gem Material from Bo Phloi, Thailand. Journal of Gemmology, 37, 1, 66–79. doi: 10.15506/JoG.2020.37.1.66
WoS: IF_{2019}: 0,767; Q4 (26/30) in Mineralogy; počet citací: 0

Kubeš, M., **Leichmann, J.**, Chlupáčová, M. (2020): Neoformation of magnetite during selective metasomatism controlling large-scale positive magetic anomalies within the Brunovistulian unit (Bohemian Massif). Mineralogy and Petrology, 114, 199–215. doi: 10.1007/s00710-020-00696-x
WoS: IF_{2019}: 1,461; Q3 (53/85) in Geochemistry & Geophysics; Q3 (17/30) in Mineralogy; počet citací: 0

Kumpan, T., **Kalvoda, J.**, Bábek, O., Matys Grygar, T., Frýda, J. (2020): The Devonian-Carboniferous boundary in the Moravian Karst (Czech Republic). Palaeobiodiversity and Palaeoenvironments. In press. doi: 10.1007/s12549-019-00409-z
WoS: IF_{2019}: 1,573; Q3 (36/59) in Biodiversity Conservation; Q2 (27/55) in Paleontology; počet citací: 0

Lang, M., **Faimon, J.** (2020): Effect of water excess on soil carbon dioxide, seepage water chemistry, and calcite speleothem growth: An experimental and modeling approach. Hydrological Processes, 34, 22, 4334–4349. doi: 10.1002/hyp.13877
WoS: IF_{2019}: 3,256; Q1 (18/94) in Water Resources; počet citací: 0

Laufek, F., Plášil, J., **Cempírek, J.**, **Škoda, R.** (2020): Foreword to the special issue arising from the 9th European Conference on Mineralogy and Spectroscopy. Journal of Geosciences, 65, 1, 1–2. doi: 10.3190/jgeosci.302
WoS: IF_{2019}: 1,279; Q3 (61/85) in Geochemistry & Geophysics; Q4 (23/30) in Mineralogy; počet citací: 0

Ličbinský, R., **Faimon, J.**, Tanda, S., Hegrová, J., Goessler, W., Überhuberová, J. (2020): Changes in the elemental composition of particulate matter in a speleotherapeutic cave. Atmospheric Pollution Research, 11, 1142–1154. doi: 10.1016/j.apr.2020.04.008
WoS: IF_{2019}: 3,527; Q2 (80/265) in Environmental Sciences; počet citací: 0

Mahdy, N.M., Ntaflos, T., Pease, V.L., Sami, M., **Slobodník, M.**, Abu Steet, A.A., Abdelfadil, K.M., Fathy, D. (2020): Combined zircon U-Pb dating and chemical Th–U–total Pb chronology of monazite and thorite, Abu Diab A-type granite, Central Eastern Desert of Egypt: Constraints on the timing and magmatic-hydrothermal evolution of rare metal granitic magmatismu in the Arabian Nubian Shield. Chemie der Erde, 80, 4, 125669. doi: 10.1016/j.chemer.2020.125669
WoS: IF_{2019}: 2,871; Q2 (36/85) in Geochemistry & Geophysics; počet citací: 0

Moiny, H., Faryad, S.W., **Čopjaková, R.**, Jedlicka, R. (2020): Multi-stage metamorphism by progressive accretion of continental blocks, example from the Western Hindu Kush. Journal of Metamorphic Geology, 38, 7, 693–717. doi: 10.1111/jmg.12535
WoS: IF_{2019}: 4,046; Q1 (2/47) in Geology; počet citací: 0

Monsef, A.E.M., **Slobodník, M.**, Salem, I.A. (2020): Characteristics and nature of gol-bearing fluids in Fatira area, North Eastern Desert of Egypt: possible transition from intrusion-related to orogenic deposits. Arabian Journal of Geosciences, 13, 19, 1034. doi: 10.1007/s12517-020-05982-8
WoS: IF_{2019}: 1,327; Q4 (159/200) in Geosciences, Multidisciplinary; počet citací: 0

Nasdala, L., Akhmadaliev, S., Burakov, B.E., Chanmuang, N.C., **Škoda, R.** (2020): The absence of metamictisation in natural monazite. Scientific Reports, 10, 1, 14676. doi: 10.1038/s41598-020-71451-7
WoS: IF_{2019}: 3,998; Q1 (17/71) in Multidisciplinary Sciences; počet citací: 0

Nguyen, V.D., Bui, Q.M., Kynický, J., **Všianský, D.** (2020): Effect of Milling Methods on Particulate Properties and Structure of Clinoptilolite. Crystal Research and Technology, 55, 4, 1900180. doi: 10.1002/crat.201900180
WoS: IF_{2019}: 1,169; Q3 (18/26) in Crystallography; počet citací: 0

Pavelková, A., Cencerová, V., **Zeman, J.**, Antos, V., Nosek, J. (2020): 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_{2019}: 5,778; Q1 (29/265) in Environmental Sciences; počet citací: 0

Petr, L., **Petřík, J.**, Chattová, B., Jamrichová, E., Rohovec, J., Matoušková, Š., Hajnalová, M. (2020): The history of a Pannonian oak woodland – palaeoecological evidence from south-eastern Slovakia. Folia Geobotanica, 55. 20–40. doi: 10.1007/s12224-019-09360-5
WoS: IF_{2019}: 1,242; Q3 (142/234) in Plant Sciences; počet citací: 0

Petřík, J., Nováček, K., **Všianský, D.**, Al-Juboury A.I., **Slavíček, K.** (2020): Islamic glazed pottery from Adiabene (Iraq, Kurdistan): multianalytical research into its technological development and provenance. Archaeological and Anthropological Sciences, 12, 19. doi: 10.1007/s12520-019-01002-3
WoS: IF_{2019}: 2,063; Q3 (108/200) in Geosciences, Multidisciplinary; počet citací: 0

Plášil, J., Kampf, A.R., Meisser, N., Lheur, C., Brunsperger, T., **Škoda, R.** (2020): Smamite, $Ca_2Sb(OH)_4[H(AsO_4)_2]$. $6H_2O$, a new mineral and a possible sink for Sb during weathering of fahlore. American Mineralogist, 105, 4, 555–560. doi: 10.2138/am-2020-7133
WoS: IF_{2019}: 2,922; Q2 (33/85) in Geochemistry & Geophysics; Q2 (10/30) in Mineralogy; počet citací: 0

Plášil, J., Kampf, A.R., Olds, T.A., Sejkora, J., **Škoda, R.**, Burns, P.C., Čejka, J. (2020): The new K, Pb-bearing uranyl-oxide mineral kroupaite: Crystal-chemical implications for the structures of uranyl-oxide hydroxy-hydrates. American Mineralogist, 105, 4, 561–568. doi: 10.2138/am-2020-7311
WoS: IF_{2019}: 2,922; Q2 (33/85) in Geochemistry & Geophysics; Q2 (10/30) in Mineralogy; počet citací: 0

Prokeš, L., **Petřík, J.**, Jarůšková, Z., Fraczek, M., Kalicki, T. (2020): Origin of a silver Stollhof-type disc excavated at Vanovice (South Moravia). Praehistorische Zeitschrift, 95, 1, 112–127. doi: 10.1515/pz-2020-0007
WoS: IF_{2019}: 0,583; Q3 (65/90) in Anthropology; počet citací: 0

Roth, P., Meisser, N., Nestola, F., **Škoda, R.**, Cámara, F., Bosi, F., Ciriotti, M.E., Halenius, U., Schnyder, C., Bracco, R. (2020): Rüdlingerite, $Mn^{2+}{}_2V^{5+}O_7$. $2H_2O$, a New Species Isostructural with Fianelite. Minerals, 10, 11, 960. doi: 10.3390/min10110960
WoS: IF_{2019}: 2,380; Q2 (11/30) in Mineralogy; Q2 (6/21) in Mining & Mineral Processing; počet citací: 0

Sajjad, W., Zheng, G.D., Ma, X.X., Xu, W., Ali, B., Rafiq, M., Zada, S., Irfan, M., **Zeman, J.** (2020): Dissolution of Cu and Zn-bearing ore by indigenous iron-oxidizing bacterial consortia supplemented with dried bamboo sawdust and variations in bacterial structural dynamics: A new concept in bioleaching. Science of the Total Environment, 709, 136136. doi: 10.1016/j.scitotenv.2019.136136
WoS: IF_{2019}: 6,551; Q1 (22/265) in Environmental Sciences; počet citací: 2

Sázelová, S., Lawler, D., **Hladilová, Š.**, Boriová, S., Šáliová, S., Janoušek, T., Perri, A.R., Hublin. J.-J., Svoboda, J. (2020): A wolf from Gravettian site Pavlov I, Czech Republic: Approach to skull pathology. International Journal of Paleopathology, 31, 7–13. doi: 10.1016/j.ijpp.2020.07.001
WoS: IF_{2019}: 1,614; Q2 (26/55) in Paleontology; Q3 (53/78) in Pathology; počet citací: 0

Sejkora, J., Litochleb, J., **Novák, M.**, Cícha, J., Dolníček, Z. (2020): Nickel-(Bi, Ag) sulphide mineralization from NYF Vepice pegmatite, Milevsko plution, southern Bohemia (Czech Republic) - a reflection of the parental granite chemistry. Journal of Geosciences, 65, 3, 187–199. doi: 10.3190/jgeosci.310
WoS: IF_{2019}: 1,279; Q3 (61/85) in Geochemistry & Geophysics; Q3 (22/30) in Mineralogy; počet citací: 0

Slobodník, M., **Dilingerová, V.**, Blažeková, M., Huraiová, M., Hurai, V. (2020): Trace Elements in Apatite as Genetic Indicators of the Evate Apatite-Magnetite Deposit, NE Mozambique. Minerals, 10, 12, 1125. doi: 10.3390/min10121125
WoS: IF_{2019}: 2,380; Q2 (11/30) in Mineralogy; Q2 (6/21) in Mining & Mineral Processing; počet citací: 0

Slobodník, M., **Gadas, P.**, **Všianský, D.**, **Přichystal, A.**, **Losos, Z.** (2020): Regional low-temperature fluid flow indicated by quartz mineralization in Silesicum, NE Bohemian massif. Geologica Carpathica, 71, 3, 233–248. doi: 10.31577/GeolCarp.71.3.3
WoS: IF_{2019}: 1,535; Q3 (141/200) in Geosciences, Multidisciplinary; počet citací: 0

Spalletta, C., Corradini, C., Feist, R., Korn, D., **Kumpan, T.**, Perri, M.C., Pondrelli, M., Venturini, C. (2020): The Devonian-Carboniferous boundary in the Carnic Alps (Austria and Italy). Palaeobiodiversity and Palaeoenvironments. In press. doi: 10.1007/s12549-019-00413-3
WoS: IF_{2019}: 1,573; Q3 (36/59) in Biodiversity Conservation; Q2 (27/55) in Paleontology; počet citací: 4

Steciuk, G., **Škoda, R.**, Rohlíček, J., Plášil, J. (2020): Crystal structure of the uranyl–molybdate mineral calcurmolite $Ca[(UO_2)_3(MoO_4)_2(OH)_4](H_2O)_{\sim 5.0}$: insights from a precession electron-diffraction tomography study. Journal of Geosciences, 65, 1, 15–25. doi: 10.3190/jgeosci.297
WoS: IF_{2019}: 1,279; Q3 (61/85) in Geochemistry & Geophysics; Q4 (23/30) in Mineralogy; počet citací: 0

Šimíček, D., Bábek, O., Faměra, M., **Kalvoda, J.** (2020): Million-year secular variations in the elemental Geochemistry of Devonian marine records and a link to global climate and bioevents: Prague Basin, Czechia. Sedimentary Geology, 402, 105651. doi: 10.1016/j.sedgeo.2020.105651
WoS: IF_{2019}: 2,728; Q1 (8/47) in Geology; počet citací: 1

Števko, M., Sejkora, J., Plášil, J., Dolníček, Z., **Škoda, R.** (2020): Fluorapophyllite-(NH_4), $NH_4Ca_4(Si_8O_{20})F \cdot 8H_2O$, a new member of the apophyllite group from the Vechec quarry, eastern Slovakia. Mineralogial Magazine, 84, 4, 533–539. doi: 10.1180/mgm.2020.44
WoS: IF_{2019}: 1,738; Q2 (13/30) in Mineralogy; počet citací: 0

Tomašič, N., **Škoda, R.**, Bermanec, V., Šoufek, M. (2020): Crystal chemistry and microfeatures of gadolinite imprinted by pegmatite formation and alteration evolution. American Mineralogist, 105, 11, 1647–1655. doi: 10.2138/am-2020-7355
WoS: IF_{2019}: 2,924; Q2 (33/85) in Geochemisry & Geophysics; Q2 (10/30) in Mineralogy; počet citací: 0

Tvrdý, J., Plášil, J., **Škoda, R.** (2020): New crystal-chemical data on zincoberaunite from Krásno near Horní Slavkov (Czech Republic). Journal of Geosciences, 65, 1, 45–57. doi: 10.3190/jgeosci.296
WoS: IF_{2019}: 1,279; Q3 (61/85) in Geochemistry & Geophysics; Q4 (23/30) in Mineralogy; počet citací: 0

Vašinka, M., **Krmíček, L.**, **Všianský, D.**, Hrbáček, F., Nývlt, D. (2020): Chemical weathering in Antarctica: an example of igneous rock particles in Big Lachman Lake sediments, James Ross Island. Environmental Earth Sciences, 79, 8, 186. doi: 10.1007/s12665-020-08926-3
WoS: IF_{2019}: 2,180; Q3 (147/265) in Environmental Sciences; Q3 (103/200) in Geosciences, Multidisciplinary; Q2 (43/94) in Water Resources; počet citací: 1

Weinerová, H., Bábek, O., Slavík, L., Vonhof, H., Joachimski, M.M., Hladil, J. (2020): Oxygen and carbon stable isotope records of the Lochkovian-Pragian boundary interval from the Prague Basin (Lower Devonian, Czech Republic). Palaeogeography, Palaeoclimatology, Palaeoecology, 560, 110036. doi: 10.1016/j.palaeo.2020.110036
WoS: IF_{2019}: 2,833; Q2 (21/50) in Geography, Physical; Q2 (66/200) in Geosciences, Multidisciplinary; Q1 (5/55) in Paleontology; počet citací: 0

Zachař, A., **Novák, M.**, **Škoda, R.** (2020): Beryllium minerals as monitors of geochemical evolution from magmatic to hydrothermal stage; examples from NYF pegmatites of the Třebíč Pluton, Czech Republic. Journal of Geosciences, 65, 3, 153–172. doi: 10.3190/jgeosci.307
WoS: IF_{2019}: 1,279; Q3 (61/85) in Geochemistry & Geophysics; Q3 (22/30) in Mineralogy; počet citací: 1

Zeug, M., Nasdala, L., Ende, M., Habler, G., Hauzenberger, C., Chanmuang, N.C., **Škoda, R.**, Topa, D., Wildner, M., Wirth, R. (2020): The parisite-(Ce) enigma: challagnes in the identification of fluorcarbonate minerals. Mineralogy and Petrology. In press. doi: 10.1007/s00710-020-00723-x
WoS: IF_{2019}: 1,461; Q3 (53/85) in Geochemistry & Geophysics; Q3 (17/30) in Mineralogy; počet citací: 0

2019 (celkem 53 článků, 20 studentů spoluautorů – červeně)

Ashkanani, H.J., Tykot, R.H., Al-Juboury, A.I., Stremtan, C.C., **Petřík, 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, 31, 3–18. doi: 10.1111/aae.12143
WoS: IF_{2018}: 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 seismogenci Periadriatic Line fault. Engineering Geology, 261, 1, 105284. doi: 10.1016/j.enggeo.2019.105284
WoS: IF_{2018}: 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 aults in the Eastern Alps. Tectonophysics, 752, 1–23. doi: 10.1016/j.tecto.2018.12.024
WoS: IF_{2018}: 2,764; Q2 (34/84) in Geochemistry & Geophysics; počet citací: 7

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 karpaty Mountains, Slovakia. International Journal of Speleology, 48, 2, 203–220. doi: 10.5038/1827-806X.48.2.2265
WoS: IF_{2018}: 1,130; Q4 (161/196) in Geosciences, Multidisciplinary; počet citací: 1

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. doi: 10.1163/15685381-20181101
WoS: IF_{2018}: 0,943; Q3 (108/170) in Zoology; počet citací: 2

Brzobohatý, R., Bubík, M. (2019): Paleogene fish otoliths (Teleostei) from Subsilesian and Zdanice units in Moravia. Bulletin of Geosciences, 94, 1, 101–114. doi: 10.3140/bull.geosci.1715
WoS: IF_{2018}: 1,500; Q2 (20/57) in Paleontology; Q3 (138/196) in Geosciences, Multidisciplinary; počet citací: 2

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. doi: 10.1007/s00704-019-02776-1
WoS: IF_{2018}: 2,720; Q2 (31/86) in Meteorology & Atmospheric Sciences; počet citací: 1

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. doi: 10.3749/canmin.AB00011
WoS: IF_{2018}: 1,398; Q3 (21/29) in Mineralogy; počet citací: 0

Galliski, M.Á., Marquez-Zavalia, 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. doi: 10.1007/s00710-019-00673-z
WoS: IF_{2018}: 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. doi: 10.1080/08912963.2017.1417404
WoS: IF_{2018}: 1,489; Q2 (22/57) in Paleontology; počet citací: 16

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. doi: 10.26879/908
WoS: IF_{2018}: 1,366; Q2 (24/57) in Paleontology; počet citací: 5

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, Vigezzo Valley (Central Alps, Italy). Minerals, 9, 5, 313. doi: 10.3390/min9050313

WoS: IF_{2018}: 2,250; Q2 (6/19) in Mining & Mineral Processing; Q2 (12/29) in Mineralogy; počet citací: 2

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. doi: 10.1007/s00269-019-01049-7
WoS: IF_{2018}: 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. doi: 10.1080/08912963.2018.1446086
WoS: IF_{2018}: 1,489; Q2 (22/57) in Paleontology; počet citací: 4

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. doi: 10.1127/anthranz/2019/0906
WoS: IF_{2018}: 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. doi: 10.1016/j.lithos.2019.05.028
WoS: IF_{2018}: 3,913; Q1 (16/84) in Geochemistry & Geophysics; Q1 (3/29) in Mineralogy; počet citací: 6

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. doi: 10.1016/j.marpetgeo.2019.05.034
WoS: IF_{2018}: 3,538; Q1 (39/196) in Geosciences, Multidisciplinary; počet citací: 4

Kalvoda, J., **Kumpan, T.**, Qie, W., Frýda, J., **Bábek, O.** (2019): Mercury spikes at the Devonian-Carbniferous boundary in the eastern part of the Rhenohercynian Zone (central Europe) and in the South China Block. Palaeogeography, Palaeoclimatology, Palaeoecology, 531, A, 1–12. doi: 10.1016/j.palaeo.2019.05.043
WoS: IF_{2018}: 2,616; Q1 (4/57) in Paleontology; Q2 (25/50) in Geography, Physical; Q2 (70/196) in Geosciences, Multidisciplinary; počet citací: 8

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. doi: 10.1127/ejm/2018/0030-2800
WoS: IF_{2018}: 1,663; Q3 (16/29) in Mineralogy; počet citací: 2

Kasatkin, A.V., Camara, F., Chukanov, N.V., **Škoda, R.**, Nestola, F., Agakhanov, A.A., Belakovskiy, D.I., Lednyov, V.S. (2019): Patynite, $NaKCa_4[Si_9O_{23}]$, a New Mineral from the Patynskiy Massif, Southern Siberia, Russia, Minerals, 9, 10, 611. doi: 10.3390/min9100611
WoS: IF_{2018}: 2,250; Q2 (12/29) in Mineralogy; Q2 (6/19) in Mining & Mineral Processing; počet citací: 1

Kasatkin, A.V., Makovicky, E., Plášil, J., **Škoda, R.**, Chukanov, N.V., Stepanov, S.Y., Agakhanov, A.A., Nestola, F. (2019): Gladkovskyite, $MnTlAs_3S_6$, a new thallium sulfosalt from the Vorontsovskoe gold deposit, Northern Urals, Russia. Journal of Geosciences, 64, 3, 207–218. doi: 10.3190/jgeosci.290
WoS: IF_{2018}: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; počet citací: 1

Kočí, T., **Šamánek, J.**, Jaeger, M., **Hykš, P.** (2019): Tube dwelling polychaetes from the Oxfordian (Late Jurassic) of Hády Quarry at Brno (Moravia, Czech Republic). Neues Jahrbuch für Geologie und Paläontologie – Abhandlungen, 294, 3, 311–332. doi: 10.1127/njgpa/2019/0862
WoS: IF_{2018}: 0,778; Q4 (46/57) in Paleontology; počet citací: 0

Kosek, F., Žáček, V., **Škoda, R.**, Laufek, F., Jehlička, J. (2019): New mineralogical data for khademite (orthorhombic $AlSO_4F \cdot 5H_2O$) and the story of rostite (orthorhombic $AlSO_4OH \cdot 5H_2O$) from Libušín near Kladno, the Czech Republic. Journal of Molecular Structure, 1175, 208–213. doi: 10.1016/j.molstruc.2018.07.061

WoS: IF_{2018}: 2,120; Q3 (91/148) in Chemistry Physical; počet citací: 2

Krivovichev, S.V., Panikorovskii, 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 Carbocernaite. Minerals, 9, 6, 370. doi: 10.3390/min9060370
WoS: IF_{2018}: 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. doi: 10.1016/j.sedgeo.2018.12.003
WoS: IF_{2017}: 2,575; Q1 (9/47) in Geology; počet citací: 8

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 Miocéne inférieur de Tušimice (basin de Most, du Nord-Ouest, République Tchéque). Comptes Rendus Palevol, 18, 7, 877–889. doi: 10.1016/j.crpv.2019.04.002
WoS: IF_{2018}: 1,818; Q1 (11/57) in Paleontology; počet citací: 2

Mauro, D., Biagioni, C., Bonaccorsi, E., Halenius, U., Pasero, M., Skogby, H., Zaccarini, F., Sejkora, J., Plášil, J., Kampf, A.R., Filip, J., Novotný, P., **Škoda, R.**, Witzke, T. (2019): Bohuslavite, $Fe^{3+}_4(PO_4)_3(SO_4)(OH)(H_2O)_{10} \cdot nH_2O$, a new hydrated iron phosphate-sulfate. European Journal of Mineralogy, 31, 5-6, 1033–1046. doi: 10.1127/ejm/2019/0031-2892
WoS: IF_{2018}: 1,663; Q3 (16/29) in Mineralogy; počet citací: 2

Meisser, N., Plášil, J., Brunsperger, T., Lheur, C., **Škoda, R.** (2019): Giftgrubeite, $CaMn_2Ca_2(AsO_4)_2(AsO_3OH)_2 \cdot 4H_2O$, a new member of the hureaulite group from Sainte-Marie-aux-Mines, Haut-Rhin Department, Vosges, France. Journal of Geosciences, 64, 1, 73–80. doi: 10.3190/jgeosci.276
WoS: IF_{2018}: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; počet citací: 2

Mikysek, P., Trojek, T., Mészárosová, 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. doi: 10.1016/j.mineng.2019.105840
WoS: IF_{2018}: 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., Juřičková L., Lundberg, J. (2019): Dagmar Cave (Czech Republic, Moravian Karst), a unique palaeontological site of the Cromerian Interglacial. Quaternary International, 504, 56–69. doi: 10.1016/j.quaint.2018.03.029
WoS: IF_{2018}: 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. doi: 10.7306/gq.1469
WoS: IF_{2018}: 0,759; Q4 (36/46) in Geology; počet citací: 1

Nehyba, S., Otava, J., Tomanová-Petrová, P., Gazdová, A. (2019): The foreland state at the onset of the flexurally induced transgression: dta from provaenance analysis at the peripheral Carpathian Foredeep (Czech Republic). Geologica Carpathica, 70, 3, 241–260. doi: 10.2478/geoca-2019-0014
WoS: IF_{2018}: 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 i na highly acidic environment from the Velence Hills, Hungary (Vol 82, pg 1277, 2018). Mineralogical Magazine, 83, 2, 321. doi: 10.1180/mgm.2019.13
WoS: IF_{2018}: 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 Němčičky Sub-basin as the South-eastern continuation of the Upper Silesian Coal Basin (Czech Republic). International Journal of Coal Geology, 216, 103323. doi: 10.1016/j.coal.2019.103323
WoS: IF_{2018}: 5,330; Q1 (18/103) in Energy & Fuels; Q1 (9/196) in Geosciences, Multidisciplinary; počet citací: 0

Petřík, J., Petr, L., **Adameková, K.**, **Prišťáková M.**, Potůčková, A., **Lenďáková, 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. doi: 10.1016/j.quaint.2018.04.013
WoS: IF_{2018}: 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. doi: 10.3190/jgeosci.288
WoS: IF_{2018}: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; počet citací: 1

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. doi: 10.1016/j.chemgeo.2019.05.040
WoS: IF_{2018}: 3,618; Q1 (19/84) in Geochemistry & Geophysics; počet citací: 3

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. doi: 10.7306/gq.1503
WoS: IF_{2018}: 0,759; Q4 (36/47) in Geology; počet citací: 0

Raška, P., **Pokorný, R.**, **Krmíček, L.**, **Kubouśková, 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. doi: 10.1007/s12371-018-0296-x
WoS: IF_{2018}: 2,597; Q2 (71/196) in Geosciences, Multidisciplinary; počet citací: 1

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. doi: 10.1007/s00269-019-01051-z
WoS: IF_{2018}: 1,476; Q3 (210/293) in Materials Science, Multidisciplinary; Q3 (18/29) in Mineralogy; počet citací: 1

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. doi: 10.1016/j.marmicro.2019.101750
WoS: IF_{2018}: 2,663; Q1 (2/57) in Paleontology; počet citací: 1

Sracek, 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 Hranicka Abyss, Czech Republic. Applied Geochemistry, 100, 203–212. doi: 10.1016/j.apgeochem.2018.11.013
WoS: IF_{2018}: 2,894; Q2 (6/19) in Mining & Mineral Processing; Q2 (12/29) in Mineralogy; počet citací: 7

Szuszkiewicz, 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. doi: 10.3749/canmin.AB00027
WoS: IF_{2018}: 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. doi: 10.3390/min9030164
WoS: IF_{2018}: 2,250; Q2 (29/84) in Geochemistry & Geophysics; počet citací: 1

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. doi: 10.1016/j.scitotenv.2018.10.102
WoS: IF_{2018}: 5,589; Q1 (27/250) in Environmental Sciences; počet citací: 7

Tocháček, J., Láska, K., Bálková, R., **Krmíček, L.**, Merna, J., Tupý, M., Kapler, P., Poláček, P., Čížková, K., Buráň, Z. (2019): Polymer weathering in Antarctica. Polymer Testing, 77, 105898. doi: 10.1016/j.polymertesting.2019.105898
WoS: IF_{2018}: 2,943; Q1 (20/87) in Polymer Science; Q1 (5/33) in Materials Science, Characterization & Testing; počet citací: 1

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. doi: 10.1093/zoolinnean/zly082
WoS: IF_{2018}: 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. doi: 10.1007/s10661-019-7255-0
WoS: IF_{2018}: 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. doi: 10.3190/jgeosci.281
WoS: IF_{2018}: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; 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. doi: neuvedeno
WoS: IF_{2018}: 0,476; Q4 (25/25) in Materials Science, Composites; Q4 (56/63) in Construction & Building Technology; počet citací: 1

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. doi: 10.1007/s12520-018-0597-7
WoS: IF_{2018}: 1,978; Q3 (100/196) in Geosciences, Multidisciplinary; počet citací: 1

Žáček, V., **Škoda, R.**, Laufek, F., Kosek, F., Jehlička, J. (2019): Complementing knowledge about rare sulphates lonecreekite, $NH_4Fe^{3+}(SO_4)_2$. $12H_2O$ and sabieite, $N_4Fe^{3+}(SO_4)_2$: Chemical composition, XRD and RAMAN spectroscopy (Libušín near Kladno, the Czech Republic). Journal of Geosciences, 64, 2, 149–159. doi: 10.3190/jgeosci.283
WoS: IF_{2018}: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; počet citací: 1

Žáček, V., **Buriánek, D.**, Pecskay, 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. doi: 10.3190/jgeosci.280
WoS: IF_{2018}: 1,275; Q3 (60/84) in Geochemistry & Geophysics; Q4 (22/29) in Mineralogy; počet citací: 0

2018 (celkem 65 článků, 20 studentů spoluautorů – červeně)

Abd El Monsef, M., **Slobodník, M.**, Salem, I.A. (2018): Hydrothermal evolution of granitoid-hosted gold mineralization in gidami area: An example for orogenic-gold deposits in Egypt. Journal of African Earth Sciences, 146, 132–149. doi: 10.1016/j.jafrearsci.2018.04.007
WoS: IF_{2017}: 1,532; Q3 (122/190) in Geosciences, Multidisciplinary; počet citací: 4

Abd El Monsef, M., 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 chemistdry and fluid inclusions. Journal of African Earth Sciences, 143, 321–338. doi: 10.1016/j.afrearsci.2018.03.031
WoS: IF_{2017}: 1,532; Q3 (122/190) in Geosciences, Multidisciplinary; počet citací: 2

Alba, D.M., Casanovas-Vilar, I., Furió, M., García-Paredes, I., Angelone, C., Jovells Vaqué, S., **Luján, Á.H.**, Alm écija, S., Moya-Sola, S. (2018): Can Pallars i Llobateres: A new hominoid-bearing locality from the late Miocene of the Vallés-penedés Basin (NE Iberian Peninsula). Journal of Human Evolution, 121, 193–203. doi: 10.1016/j.jhevol.2018.04.008
WoS: IF_{2017}: 3,992; Q2 (13/149) in Evolutionary Biology; počet citací: 2

Bábek, O., Faměra, M., Hladil, J., Kapusta, J., **Weinerová, H.**, Šimíček, D., Slavík, L., Ďurišová, J. (2018): Origin of red pelagic carbonates as an interplay of global climate and local basin factors: Insight from the Lower Devonian of the Prague Basin, Czech Republic. Sedimentary Geology, 364, 71–88. doi: 10.1016/j.sedge.2017.12.007
WoS: IF_{2017}: 2,575; Q1 (4/47) in Geology; počet citací: 7

Bábek, O., Faměra, M., Šimíček, D., **Weinerová, H.**, Hladil, J., **Kalvoda, J.** (2018): Sea-level changes vs. Organic productivity as controls on Early and Middle Devonian bioevents: Facies- and gamma-ray based sequence-stratigraphic correlation of the Prague Basin, Czech Republic. Global and Planetary Change, 160, 75–95. doi: 10.1016/j.gloplacha.2017.11.009
WoS: IF_{2017}: 3,982; Q1 (8/49) in Geography, Physical; Q1 (20/190) in Geosciences, Multidisciplinary; počet citací: 9

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. doi: 10.1007/s10346-018-0993-1
WoS: IF_{2017}: 3,811; Q1 (1/36) in Engineering, Geological; Q1 (25/190) in Geosciences, Multidisciplinary; počet citací: 7

Bořilová, Š., Mandl, M., **Zeman, J.**, Kučera, J. (2018): Can Sulfate Be the First Dominant Aqueous Sulfur Species Formed in the Oxidation of Pyrite by Acidithiobacillus ferrooxidans? Frontiers in Microbiology, 9, 3134. doi: 10.3389/fmicb.2018.03134
WoS: IF_{2017}: 4,019; Q2 (32/123) in Microbiology; 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. doi: neuvedeno
WoS: IF_{2017}: 0,346; Q4 (156/167) in Zoology; počet citací: 3

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. doi: 10.3190/jgeosci.257
WoS: IF_{2017}: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 2

Cempírek, J., **Novák, M.** (2018): Foreword to the special issue arising from the international conference "Tourmaline 2017". Journal of Geosciences, 63, 2, 75–76. doi: 10.3190/jgeosci.265
WoS: IF_{2017}: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 0

Coufalík, P., **Krmíček, L.**, Zvěřina, O., Meszarosová, N., Hladil, J., Komárek, J. (2018): Model of Mercury Flux Associated with Volcanic Activity. Bulletin of Environmental Contamination and Toxicology, 10, 5, 549–553. doi: 10.1007/s00128-018-2430-5
WoS: IF_{2017}: 1,480; Q3 (157/242) in Environmental Sciences; Q4 (80/94) in Toxicology; počet citací: 4

Coufalík, P., **Krmíček, L.**, Zvěřina O., Meszarosová, N., Hladil, J., Komárek, J. (2018): Model of Mercury Flux Associated with Volcanic Activity (vol 101, pg 549, 2018). Bulletin of Environmental Contamination and Toxicology, 101, 5, 554–555. doi: 10.1007/s00128-018-2457-7
WoS: IF_{2017}: 1,480; Q3 (157/242) in Environmental Sciences; Q4 (80/94) in Toxicology; počet citací: 0

Čopjaková, R., **Kotková, J.** (2018): Composition of barian mica in multiphase soild inclusions from orogenic garnet peridotites as evidence of mantle metasomatism in a subduction zone setting. Contributions to Mineralogy and Petrology, 173, 106. doi: 10.1007/s00410-018-1534-6
WoS: IF_{2017}: 3,626; Q1 (6/29) in Mineralogy; Q1 (17/85) in Geochemistry & Geophysics; počet citací: 3

El Osta, M., Hussein, H., **Kuchovský, T.** (2018): Numerical Simulation of Groundwater Flow and Vulnerability in Wadi El-Natrun Depression and Vicinities, West Nile Delta, Egypt. Journal of the Geological Society of India, 92, 2, 235–247. doi: 10.1007/s12594-019-1131-y
WoS: IF_{2017}: 0,632; Q4 (178/190) in Geosciences, Multidisciplinary; počet citací: 0

Evans, R.J., Groat, L.A., **Cempírek, J.**, **Škoda, R.**, Grew, E.S., Bernard, C. (2018): The crystal chemistry of the sakhaite-harkerite solid solution. American Mineralogist, 103, 11, 1749–1760. doi: 10.2138/am-2018-6563
WoS: IF_{2017}: 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. doi: 10.1016/j.geoderma.2018.02.048
WoS: IF_{2017}: 3,740; Q1 (5/34) in Soil Science; počet citací: 4

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. doi: 10.1016/j.matchar.2018.01.012
WoS: IF_{2017}: 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: 3

Frýbová, P., **Gadas, P.**, **Přichystal, A.**, **Všianský, D.**, Hadacz, R., Hlavsa, P. (2018): The provenance of serpentinite tools in the Corded Ware culture of Moravia (Czech Republic). Geological Quarterly, 62, 3, 563–578. doi: 10.7306/gq.1437
WoS: IF_{2017}: 1,128; Q4 (36/47) in Geology; počet citací: 0

Galliski, M.A., London, D., **Novák, M.**, Martin, R.F. (2018): Granitic Pegmatites and their minerals: a tribute to Petr Černý preface. Canadian Mineralogist, 56, 5, 849–852. doi: 10.3749/canmin.50.6.4.777
WoS: IF_{2017}: 0,945; Q4 (25/29) in Mineralogy; počet citací: 0

Galliski, M.A., London, D., **Novák, M.**, Martin, R.F. (2018): Granitic Pegmatites and their minerals: a second tribute to Petr Černý preface. Canadian Mineralogist, 56, 5, 853–856. doi: 10.3749/canmin.50.6.1441
WoS: IF_{2017}: 0,945; Q4 (25/29) in Mineralogy; počet citací: 0

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. doi: 10.1515/agp-2017-0032
WoS: IF_{2017}: 1,085; Q3 (27/47) in Geology; počet citací: 2

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. doi: 10.7306/gq.1399
WoS: IF_{2017}: 1,128; Q3 (26/47) in Geology; počet citací: 11

Hurai, V., Huraiová, M., Gajdošová, M., Konečný, P., **Slobodník, M.**, Siegrid, P.R. (2018): Compositional variations of zirconolite from the Evate apatite deposit (Mozambique) as an indicator of magmatic-hydrothermal conditions during post-orogenic collapse of Gondwana. Mineralogy and Petrology, 112, 3, 279–296. doi: 10.1007/s00710-017-0538-7
WoS: IF_{2017}: 1,664; Q3 (46/85) in Geochemistry & Geophysics; Q3 (17/29) in Mineralogy; počet citací: 4

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. doi: 10.1080/14772019.2017.1355338
WoS: IF_{2017}: 2,326; Q1 (6/56) in Paleontology; Q3 (31/49) in Evolutionary Biology; počet citací: 12

Jirman, P., **Geršlová, E.**, Pupp, M., Bubík, M. (2018): Geochemical cahracteristics, thermal maturity and source rock potential of the Oligocene Šitbořice Member of the Menilite Formation in the Ždánice Unit (Czech Republic). Geological Quarterly, 62, 4, 858–872. doi: 10.7306/gq.1447
WoS: IF_{2017}: 1,532; Q3 (122/190) in Geosciences, Multidisciplinary; počet citací: 2

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. doi: 10.1111/jpg.12699
WoS: IF_{2017}: 1,872; Q3 (99/189) in Geosciences, Multidisciplinary; počet citací: 6

Kalasová, D., Dvořák, K., **Slobodník, M.**, **Všianský, D.**, Zikmund, T., Dluhoš, J., Váňa, R., Bureš, J., Kaiser, J. (2018): Characterization of inner structure of Limestone by X-ary computed sub-micron tomography. Construction and Building Materials, 174, 693–700. doi: 10.1016/j.conbuildmat.2018.04.142
WoS: IF_{2017}: 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

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. doi: 10.1016/j.palaeo.2017.12.034
WoS: IF_{2017}: 2,375; Q2 (23/49) in Geography, Physical; Q2 (71/190) in Geosciences, Multidisciplinary; Q1 (5/56) in Paleontology; počet citací: 8

Kasatkin, A.V., Nestola, F., Agakhanov, A.A., **Škoda, R.**, Karpenko, V.Y., Tsyganko, M.V., Plášil, J. (2018): Vorontsovite, $(Hg_5Cu)_{\Sigma 6}TlAs_4S_{12}$, and Ferrovorontsovite, $(Fe_5Cu)_{\Sigma 6}TlAs_4S_{12}$: The T.- and Tl-Fe-Analogues of Galkhaite from the Vorontsovskoe Gold Deposit, Northern Urals, Russia. Minerals, 8, 5, 185. doi: 10.3390/min8050185
WoS: IF_{2017}: 1,835; Q2 (7/20) in Mining & Mineral Processing; Q2 (13/29) in Mineralogy; počet citací: 4

Kasatkin, A.V., Makovicky, E., Plášil, J., **Škoda, R.**, Agakhanov, A.A., Karpenko, V.Y., Nestola, F. (2018): Tsygankoite, $Mn_8Tl_8Hg_2(Sb_{21}Pb_2Tl)_{\Sigma 24}S_{48}$, a New Sulfosalt from the Vorontsovskoe Gold Deposit, Northern Urals, Russia. Minerals, 8, 5, 218. doi: 10.3390/min8050218
WoS: IF_{2017}: 1,835; Q2 (7/20) in Mining & Mineral Processing; Q2 (13/29) in Mineralogy; počet citací: 2

Kasatkin, A.V., Plášil, J., **Škoda, R.**, Belakovskiy, D.I., Marty, J., Meisser, N., Pekov, I.V. (2018): Redefintion of thérèsemagnanite, $NaCO_4(SO_4)(OH)_6Cl$. $6H_2O$: new data and relationship to 'cobaltogordaite'. Mineralogical Magazine, 82, 1, 159–170. doi: 10.1180/minmag.2017.081.030
WoS: IF_{2017}: 1,744; Q3 (15/29) in Mineralogy; počet citací: 2

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. doi: 10.7306/gq.1398
WoS: IF_{2017}: 1,128; Q3 (26/47) in Geology; počet citací: 4

Krátký, O., Rapprich, V., Racek, M., Míková, J., Magna, T. (2018): On the Chemical Composition and Possible Origin of Na-Cr-Rich Clinopyroxene in Silicocarbonatites from Samalpatti, Tamil Nadu, South India. Minerals, 8, 8, 355. doi: 10.3390/min8080355
WoS: IF_{2017}: 1,835; Q2 (13/29) in Mineralogy; Q2 (7/20) in Mining & Mineral Processing; počet citací: 4

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. doi: 10.3749/canmin.1700091
WoS: IF_{2017}: 0,945; Q4 (25/29) in Mineralogy; počet citací: 2

Mészárosová, N., Skála, R., Matoušková, Š., **Mikysek, P.**, Plášil, J., Císařová, I. (2018): Hydrothermal-to-metasomatic overprint of the neovolcanic rocks evidenced by composite apatite crystals: a case study from the Maglovec Hill, Slanske vrchy Mountains, Slovakia. Geologica Carpathica, 69, 5, 439–452. doi: 10.1515/geoca-2018-0025
WoS: IF_{2017}: 1,169; Q4 (147/190) 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. doi: 10.1515/geoca-2018-0006
WoS: IF_{2017}: 1,169; Q4 (147/190) in Geosciences, Multidisciplinary; počet citací: 2

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. (2018): 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. doi: 10.1016/j.palaeo.2018.02.020
WoS: IF_{2017}: 2,375; Q2 (23/49) in Geography, Physical; Q2 (71/190) in Geosciences, Multidisciplinary; Q1 (5/56) in Paleontology; počet citací: 3

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, Czechh Republic: role of crystal-structural constraints and associated minerals. Journal of Geosciences, 63, 253–263. doi: 10.3190/jgeosci.269
WoS: IF_{2017}: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 2

Ondrejka, M., Bačík, P., Sobocký, T., Uher, P., **Škoda, R.**, Mikuš, T., Luptáková, J., Konečný, P. (2018): 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. Mineralogical Magazine, 82, 6, 1277–1300. doi: 10.1180/mgm.2019.13
WoS: IF_{2017}: 1,744; Q3 (15/29) in Mineralogy; počet citací: 2

Petřík, J., Prokeš, L., **Všianský, D.**, Salaš, M., Nikolajev, P. (2018): Organization of ceramic production at a fortified Eartly Bronze Age settlement in Moravia (Czech Republic) inferred from minimally destructive archaeometry. Archaeological and Anthropological Sciences, 10, 3, 697–709. doi: 10.1007/s12520-016-0370-8
WoS: IF_{2017}: 2,414; Q2 (69/190) in Geosciences, Multidisciplinary; počet citací: 1

Petřík, J., Sosna, D., Prokeš, L., Štefanisko, D., Galeta, P. (2018): Shape matters: assessing regional variation of Bell Beaker projectile points in Central Europe using geometric morphometrics. Archaeological and Anthropological Sciences, 10, 4, 893–904. doi: 10.1007/s12520-016-0423-7
WoS: IF_{2017}: 5,414; Q2 (69/190) in Geosciences, Multidisciplinary; počet citací: 7

Plášil, J., Petříček, V., Locock, A.J., **Škoda, R.**, Burns, P.C. (2018): The (3+3) commensaurately modulated structure of the uranyl silicate mineral swamboite-(Nd), $Nd_{0.333}[(UO_2)(SiO_3OH)](H_2O)_{2.41}$. Zeitschrift fur Kristallographie-Crystalline Materials, 233, 3-4, 223–231. doi: 10.1515/zkri-2017-2119
WoS: IF_{2017}: 1,263, Q3 (18/26) in Crystallography; počet citací: 1

Plášil, J., Kampf, A.R., **Škoda, R.**, Čejka, J. (2018): Nollmotzite, $Mg[U^{V}(U^{VI}O_2)_2O_4F_3]$. $4H_2O$, the first natural uranium oxide containing fluorine. Acta Crystallographica Section B – Structural Science crystal Engineering and Materials, B74, 362–369. doi: 10.1107/S2052520618007321
WoS: IF_{2017}: 6,467; Q1 (27/171) in Chemistry, Multidisciplinary; Q1 (4/26) in Crystallography; počet citací: 3

Plášil, J., Kampf, A.R., Sejkora, S., Čejka, J., **Škoda, R.**, Tvrdý J. (2018): Horakite, a new hydrated bismuth uranyl-arsenate-phosphate mineral from Jáchymov (Czech Republic) with a unique uranyl-anion topology. Journal of Geosciences, 63, 3, 265–276. doi: 10.3190/jgeosci.267
WoS: IF_{2017}: 1,415; Q3 (18/29) in Mineralogy; Q3 (53/85) in Geochemistry & Geophysics; počet citací: 2

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. doi: 10.1080/0435367.2018.1463142
WoS: IF_{2017}: 1,616; Q3 (35/49) in Geography, Physical; Q2 (17/47) in Geology; počet citací: 0

Pokorný, R., Koutecký, V., Björck, S., **Krmíček, L.**, Árting, U.E., Štofik, 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. doi: 10.1111/bor.12332
WoS: IF_{2017}: 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 Concavicarididae Schram, 2014. Crustaceana, 91, 3, 265–285. doi: 10.1163/15685403-00003771
WoS: IF_{2017}: 0,517; Q4 (95/106) in Marine & Freshwater Biology; počet citací: 2

Raschke, M.B., Anderson, E.J.D., Van Fosson, J., Allaz, J.M., Smyth, J.R., **Škoda, R.**, Persson, P.M., Becker, R. (2018): Rare-earth crystal chemistry of thalenite-(Y) from different environments. Mineralogical Magazine, 82, 2, 313–327. doi: 10.1180/minmag.2017.081.044
WoS: IF_{2017}: 1,744; Q3 (15/29) in Mineralogy; počet citací: 0

Říčka, A., **Kuchovský, T.**, Damdindorj, B., Fürych, V., Kopřiva, A., Puntsag, K. (2018): Identifying the flow pattern and natural recharge at a strategic groundwater resource in the Dornogobi Province, Mongolia. Hydrological Sciences Journal. doi: 10.1080/02626667.2018.1511053
WoS: IF_{2017}: 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 assemmblages associated with lamprophyre dikes near the O'Grady Batholith, Northwest Territories, Canada. Journal of Geosciences, 63, 2, 123–135. doi: 10.3190/jgeosci.259
WoS: IF_{2017}: 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. doi: 10.1016/j.jsg.2018.09.013
WoS: IF_{2017}: 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. doi: 10.1016/j.quaint.2017.05.009
WoS: IF_{2017}: 2,163; Q3 (29/49) in Geography, Physical; Q2 (85/190) in Geosciences, Multidisciplinary; počet citací: 6

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. doi: 10.1180/minmag.2017.081.047

WoS: IF_{2017}: 1,744; Q3 (15/29) in Mineralogy; počet citací: 5

Škoda, R., Vignola, P., Muller, A., Groat, L.A. (2018): A tribute to Milan Novák. Canadian Mineralogist, 56, 4, 357–363. doi: 10.3749/canmin.INT007
WoS: IF_{2017}: 0,945; Q4 (25/29) in Mineralogy; počet citací: 0

Šolcová, A., Petr, L., Hájková, P., **Petřík, 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. doi: 10.1111/bor.12309
WoS: IF_{2017}: 2,638; Q2 (21/49) in Geography, Physical; Q2 (59/190) in Geosciences, Multidisciplinary; počet citací: 9

Števko, M., Sejkora, J., Uher, P., Cámara, F., **Škoda, R.**, Vaculovič, T. (2018): Fluorarrojadite-(BaNa), $BaNa_4CaFe_{13}Al(PO_4)_{11}(PO_3OH)F_2$, a new member of the arrojadite group from Gemerská Poloma, Slovakia. Mineralogical magazine, 82, 4, 863–876. doi: 10.1180/minmag.2017.081.066
WoS: IF_{2017}: 1,744; Q3 (15/29) in Mineralogy; počet citací: 1

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. doi: 10.3749/canmin.1800014
WoS: IF_{2017}: 0,945; Q4 (25/29) in Mineralogy; počet citací: 0

Ulrych, J., **Krmíček, L.**, Teschner, C., Skála, R., Adamovič, J., Ďurišová, J., Křížová, Š., **Kubošková, 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. doi: 10.1016/j.lithos.2018.05.017
WoS: IF_{2017}: 3,857; Q1 (4/29) in Mineralogy; Q1 (14/85) in Geochemistry & Geophysics; počet citací: 13

Villa, A., Abella, J., Alba, D.M., Almécija, S., Bolet, A., Koufos, G.B., Knoll, F., **Luján, Á.H.**, Morales, J., Robles, J.M., Sánchez, I.M., Delfino, M. (2018): Revision of *Varanus marathonensis* (Squamata, Varanidae) based on historical and new material: morphology, systematics, and palaeobiogeography of the European monitor lizards. PLoS One, 13, 12, e0207719. doi: 10.1371/Journal.pone.0207719
WoS: IF_{2017}: 2,766; Q1 (15/64) in Multidisciplinary Sciences; počet citací: 8

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. doi: 10.1016/j.chemosphere.2018.07.196
WoS: IF_{2017}: 4,427; Q1 (35/242) in Environmental Sciences; počet citací: 7

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. doi: 10.1016/j.coal.2018.07.005
WoS: IF_{2017}: 4,130; Q1 (17/190) in Geosciences, Multidisciplinary; Q2 (26/97) in Energy & Fuels; počet citací: 4

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. doi: 10.1016/j.sab.2018.06.010
WoS: IF_{2017}: 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. doi: 10.1007/s10347-018-0538-z
WoS: IF_{2017}: 1,367; Q2 (20/47) in Geology; Q2 (25/55) in Paleontology; počet citací: 2

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. doi: 10.3390/min8080335
WoS: IF_{2017}: 1,835; Q2 (13/29) in Mineralogy; Q2 (7/20) in Mining & Mineral Processing; počet citací: 4

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 Mokrá Quarry (Czech Republic). Catena, 169, 90–95. doi: 10.1016/j.catena.2018.05.028
WoS: IF_{2017}: 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 53 článků, 19 studentů spoluautorů – červeně)

Baroň, I., Kernstocková, M., **Melichar, R.** (2017): Stress field reconstruction in an active mudslide. Geomorphology, 289, 170–178. doi: 10.1016/j.geomorph.2017.04.020
WoS: IF_{2016}: 2,958; Q2 (14/49) in Geography, Physical; Q1 (41/188) in Geosciences, Multidisciplinary; počet citací: 6

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. doi: 10.3749/canmin.1700018
WoS: IF_{2016}: 0,817; Q4 (22/29) in Mineralogy; počet citací: 4

Bosi, F., Skogby, H., Ciriotti, M.E., **Gadas, P.**, **Novák, M.**, **Cempírek, J.**, **Všianský, D.**, Filip, J. (2017): Lucchesiite, $CaFe_3^{2+}Al_6(Si_6O_{18})(BO_3)_3(OH)_3O$, a new mineral species of the tourmaline supergroup. Mineralogical Magazine, 81, 1, 1–14. doi: 10.1180/minmag.2016.080.067
WoS: IF_{2016}: 1,285; Q3 (15/29) in Mineralogy; počet citací: 11

Breiter, K., **Škoda, R.** (2017): Zircon and whole-rock Zr/Hf ratios as markers of the evolution of granitic magmas: Examples from the Teplice caldera (Czech Republic/Germany). Mineralogy and Petrology, 111, 4, 435–457. doi: 10.1007/s00710-017-0509-z
WoS: IF_{2016}: 1,236; Q3 (16/29) in Mineralogy; Q3 (53/84) in Geochemisry & Geophysics; počet citací: 11

Burgert, P., **Přichystal, A.**, Prokeš, L., **Petřík, J.**, Hušková, S. (2017): The origin and distribution of obsidian in prehistoric Bohemia. Bulgarian e-Journal of Archaeology, 7, 1, 1–15. doi: neuvedeno
WoS: IF_{2016}: neuvedeno; počet citací: 0

Čurda, M., Goliáš, V., Klementová, M., Strnad, L., Matěj, Z., **Škoda, R.** (2017): Radiation damage in sulfides: Radioactive galena from burning heaps, after coal mining in the Lower Silesian basin (Czech Republic). American Mineralogist, 102, 9, 1788–1795. doi: 10.2138/am-2017-6036
WoS: IF_{2016}: 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/Islas Malvinas) – A view to mineral deposits and the geodynamics of the South Atlantic Ocean. Journal of South American Earth Sciences, 78, 17–37. doi: 10.1016/j.jsames.2017.06.005
WoS: IF_{2016}: 1,563; Q3 (107/188) in Geosciences, Multidisciplinary; počet citací: 8

Filipská, P., **Zeman, J.**, **Všianský, D.**, Honty, M., **Škoda, R.** (2017): Key processes of long-term bentonite-water interaction at 90 °C: Mineralogical and chemical transformations. Applied Clay Science, 150, 234–243. doi: 10.1016/j.clay.2017.09.036
WoS: IF_{2016}: 3,101; Q1 (68/275) in Materials Science, Multidisciplinary; Q1 (5/29) in Mineralogy; Q2 (52/146) in Chemistry, Physical; počet citací: 2

Goldbach, M., **Geršlová, E.**, Misz-Kennan, M., **Nehyba, S.** (2017): Thermal maturity of Miocene organic matter from the Carpathian Foredeep in the Czech Republic: 1D and 3D models. Marine and Petroleum Geology, 88, 18–29. doi: 10.1016/j.marpetgeo.2017.08.004
WoS: IF_{2016}: 2,888; Q1 (43/188) in Geosciences, Multidisciplinary; počet citací: 2

Hošek, J., **Lisá, L.**, Ulrich, H., Petr, L., Vejrostová, L., Bajer, A., Matys Grygar, T., Piotr, M., Gottvald, Z., Horsák, M. (2017): Middle Pleniglacial pedogenesis on the northwestern edge of the Carpathian basin: A multidisciplinary investigation of the Bíňa pedo-sedimentary section, SW Slovakia. Palaeogeography Palaeoclimatology Palaeoecology, 487, 321–339. doi: 10.1016/j.palaeo.2017.09.017

WoS: IF_{2016}: 2,578; Q2 (18/49) in Geography, Physical; Q2 (53/188) in Geosciences, Multidisciplinary; Q1 (5/54) in Paleontology; počet citací: 4

Hurai, V., Paquette, J.-L., Huraiová, M., **Slobodník, M.**, Hvožďara, P., Siegfried, P., Gajdošová, M., Milovská, S. (2017): New insights into the origin of the Evate apatite-iron oxide-carbonate deposit, Northeastern Mozambique, constrained by mineralogy, textures, thermochronometry, and fluid inclusions. Ore Geology Reviews, 80, 1072–1091. doi: 10.1016/j.oregeorev.2016.09.017
WoS: IF_{2016}: 3,095; Q1 (4/47) in Geology; Q1 (6/29) in Mineralogy; Q1 (1/20) in Mining & Mineral Processing; počet citací: 7

Hussein, H.A.I., **Říčka, A.**, **Kuchovský, T.**, El Osta, M.M. (2017): Groundwater hydrochemistry and origin in the south-eastern part of Wadi El Natrun, Egypt. Arabian Journal of Geosciences, 10, 7, nestránkováno. doi: 10.1007/s12517-017-2960-x
WoS: IF_{2016}: 0,955; Q4 (151/188) in Geosciences, Multidisciplinary; počet citací: 6

Choudhuri, M., Němčok, M., **Melichar, R.**, Sinha, N. (2017): Propagation of hotspot volcanism driven flexure in oceanic crust – 85°E Ridge case study. Marine and Petroleum Geology, 82, 134–153. doi: 10.1016/j.marpetgeo.2017.01.021
WoS: IF_{2016}: 2,888; Q1 (43/188) in Geosciences, Multidisciplinary; počet citací: 1

Ivanov, M., Čerňanský, A. (2017): Vipera berus (Linnaeus, 1758) remains from the Late Pleistocene of Slovakia. Amphibia-Reptilia, 38, 2, 133–144. doi: 10.1163/15685381-00003095
WoS: IF_{2016}: 1,287; Q2 (59/163) in Zoology; počet citací: 1

Jirásek, J., Čejka, J., **Vrtiška, L.**, Matýsek, D., Ruan, X., Frost, R.L. (2017): Molecular structure of the phosphate mineral koninckite - a vibrational spectroscopic study. Journal of Geosciences, 62, 4, 215–223. doi: 10.3190/jgeosci.243
WoS: IF_{2016}: 0,609; Q4 (76/84) in Geochemistry & Geophysics; Q4 (25/29) in Mineralogy; počet citací: 2

Kaiser, S., **Kumpan, T.**, **Cígler, V.** (2017): New unornamented siphonodellids (Conodonta) of the lower Tournaisian from the Rhenish Massif and Moravian Karst (Germany and Czech Republic). Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen, 286, 1, 1–33. doi: 10.1127/njgpa/2017/0684
WoS: IF_{2016}: 0,777; Q4 (45/54) in Paleontology; počet citací: 7

Kampf, A., Plášil, J., Čejka, J., Marty, J., **Škoda, R.**, Lapčák, L. (2017): Alwilkinsite-(Y), a new rare-earth uranyl sulfate mineral from the Blue Lizard mine, San Juan County, Utah, USA. Mineralogical Magazine, 81, 4, 895–907. doi: 10.1180/minmag.2016.080.139
WoS: IF_{2016}: 1,285; Q3 (15/29) in Mineralogy; počet citací: 5

Klanicová, N., Malá, A., Macíček, O., **Zeman, J.**, Starčuk, Z. (2017): MRI Study of Liesegang Patterns: Mass Transport and Banded Inorganic Phase Formation in Gel. Applied Magnetic Resonance, 48, 6, 545–557. doi: 10.1007/s00723-017-0882-0
WoS: IF_{2016}: 0,864; Q4 (32/36) in Physics, Atomic, Molecular & Chemical; Q3 (31/42) in Spectroscopy; počet citací: 0

Klus, J., Pořízka, P., Procházka, D., **Mikysek, P.**, Novotný, J., Novotný, K., **Slobodník, M.**, Kaiser, J. (2017): Application of self-organizing maps to the study of U-Zr-Ti-Nb distribution in sandstone-hosted uranium ores. Spectrochimica Acta Part B: Atomic Spectroscopy, 131, 66–73. doi: 10.1016/j.sab.2017.03.008
WoS: IF_{2016}: 3,241; Q1 (7/42) in Spectroscopy; počet citací: 7

Křížek, M., Krbcová, K., Mida, P., **Hanáček, M.** (2017): Micromorphological changes as an indicator of the transition from glacial to glaciofluvial quartz grains: Evidence from Svalbard. Sedimentary Geology, 358, 35–43. doi: 10.1016/j.sedge.2017.06.010
WoS: IF_{2016}: 2,373; Q1 (10/47) in Geology; počet citací: 7

Kuchovský, T., **Říčka, A.**, Grycz, D. (2017): Using numerical modelling to understand the discharge from a flooded abandoned underground mine. Mine Water and the Environment, 36, 4, 606–616. doi: 10.1007/s10230-017-0455-3
WoS: IF_{2016}: 1,278; Q3 (57/88) in Water Resources; počet citací: 0

Lake, D.J., Groat, L.A., Falck, H., Mulja, T., **Cempírek, J.**, Kontak, D., Marshall, D., Giuliani, G., Fayek, M. (2017): Genesis of emerald-bearing quartz veins associated with the Lened W-skarn mineralization, Northwest Territories, Canada. Canadian Mineralogist, 55, 4, 561–593. doi: 10.3749/canmin.1700025
WoS: IF_{2016}: 0,817; Q4 (22/29) in Mineralogy; počet citací: 7

Lang, M., **Faimon, J.**, **Pracný, P.**, Kejíková, S. (2017): A show cave management: Anthropogenic CO_2 in atmosphere of Výpustek Cave (Moravian Karst, Czech Republic). Journal for Nature Conservation, 35, 40–52. doi: 10.1016/j.jnc.2016.11.007
WoS: IF_{2016}: 1,657; Q2 (20/54) in Biodiversity Conservation; Q3 (88/153) in Ecology; počet citací: 6

Lang, M., **Faimon, J.**, Godissart, J., Ek, C. (2017): Carbon dioxide seasonality in dynamically ventilated caves: the role of advective fluxes. Theoretical and Applied Climatology, 129, 3-4, 1355–1372. doi: 10.1007/s00704-016-1858-y
WoS: IF_{2016}: 2,640; Q2 (30/85) in Meteorology & Atmospheric Sciences; počet citací: 9

Lang, M., **Faimon, J.**, Kejíková, S. (2017): The impact of door opening on CO_2 levels: A case study from the Balcarka Cave (Moravian Karst, Czech Republic). International Journal of Speleology, 46, 3, 345–358. doi: 10.5038/1827-806X.46.3.2100
WoS: IF_{2016}: 1,439; Q3 (117/188) in Mineralogy; počet citací: 2

Leichmann, J., Gnojek, I., **Novák, M.**, Sedlák, J., Houzar, S. (2017): Durbachites from the Eastern Moldanubicum (Bohemian Massif): erosional relics of large, flat tabular intrusions of ultrapotassic melts-geophysical and petrological record. International Journal of Earth Sciences, 106, 1, 59–77. doi: 10.1007/s00531-016-1296-1
WoS: IF_{2016}: 2,283; Q2 (71/188) in Geosciences, Multidisciplinary; počet citací: 7

Nasdala, L., Corfu, F., Blaimauer, D., Chanmuang, C., Ruschel, K., **Škoda, R.**, Wildner, M., Wirth, R., Zeug, M., Zoysa, E.G. (2017): Neoproterozoic amorphous "ekanite" ($Ca_2Th_{0.9}U_{0.1}Si_8O_{20}$) from Okkampitiya, Sri Lanka: A metamict gemstone with excellent lead-retention performance. Geology, 45, 10, 919–922. doi: 10.1130/G39334.1
WoS: IF_{2016}: 4,635; Q1 (1/47) in Geology; počet citací: 3

Nehyba, S., **Hanáček, M.**, Engel, Z., Stachoň, Z. (2017): Rise and fall of a small ice-dammed lake – role of deglaciation processes and morphology. Geomorphology, 295, 662–679. doi: 10.1016/j.geomorph.2017.08.019
WoS: IF_{2016}: 2,958; Q2 (14/49) in Geography, Physical; Q1 (41/188) in Geosciences, Multidisciplinary; počet citací: 6

Nehyba, S., Opletal, V. (2017): Sedimentological study of the Nikolčice Formation – evidence of the Middle Jurassic transgression onto the Bohemian Massif (subsurface data). Geological Quarterly, 61, 1, 138–155. doi: 10.7306/gq.1335
WoS: IF_{2016}: 1,129; Q2 (22/47) in Geology; počet citací: 4

Nejman, L., Wood, R., Wright, D., **Lisá, L.**, Nerudová, Z., Neruda, P., **Přichystal, A.**, Svoboda, J. (2017): Hominid visitation of te Moravian Karst during the Middle-Upper Paleolithic transition: New results from Pod Hradem Cave (Czech Republic). Journal of Human Evolution, 108, 131–146. doi: 10.1016/j.jhevol.2017.03.015
WoS: IF_{2016}: 3,932; Q2 (16/48) in Evolutionary Biology; počet citací: 3

Neumannová, K., **Petřík, J.**, Vostrovská, I., Dvořák, J., Zikmund, T., Kaiser, J. (2017): Variability in coiling technique in LBK pottery inferred by experiments and pore structure micro-tomography analysis. Archeologické rozhledy, 69, 2, 172–186. doi: neuvedeno
WoS: IF_{2016}: neuvedeno; počet citací: 2

Novák, A., **Bábek, O.**, Kapusta, J. (2017): Late Quaternary tectonic switching of siliciclastic provenance in the strike-slip dominated foreland of the Western Carpathians; Upper Morava Basin, Bohemian Massif. Sedimentary Geology, 355, 58–74. doi: 10.1016/j.sedge.2017.04.005
WoS: IF_{2016}: 2,373; Q1 (10/47) in Geology; počet citací: 4

Novák, M., Cícha, J., **Čopjaková, R.**, **Škoda, R.**, Vašinová Galiová, M. (2017): Milarite-group minerals from the NYF pegmatite Velká skála, Písek district, Czech Republic: sole carriers of Be from the magmatic to hydrothermal stage. European Journal of Mineralogy, 29, 4, 755–766. doi: 10.1127/ejm/2017/0029-2652

WoS: IF_{2016}: 1,362; Q2 (14/29) in Mineralogy; počet citací: 2

Novák, M., **Prokop, J.**, **Losos, Z.**, Macek, I. (2017): Tourmaline, an indicator of external Mg-contamination of granitic pegmatites from host serpentinite; examples from the Moldanubian Zone, Czech Republic. Mineralogy and Petrology, 111, 4, 625–641. doi: 10.1007/s00710-017-0512-4
WoS: IF_{2016}: 1,236; Q3 (16/29) in Mineralogy; Q3 (53/84) in Geochemisry & Geophysics; počet citací: 3

Olds, T., Plášil, J., Kampf, A., **Škoda, R.**, Burns, P., Čejka, J., Bourgoin, V., Boulliard, J.-C. (2017): Gauthierite, $KPb[(UO_2)_7O_5(OH)_7] \cdot 8H_2O$, a new uranyl-oxide hydroxy-hydrate mineral from Shinkolobwe with a novel uranyl-anion sheet-topology. European Journal of Mineralogy, 29, 1, 129–141. doi: 10.1127/ejm/2017/0029-2586
WoS: IF_{2016}: 1,362; Q2 (14/29) in Mineralogy; počet citací: 6

Plášil, J., Škácha, P., Sejkora, J., **Škoda, R.**, **Novák, M.**, Veselovský, F., Hloušek, J. (2017): Babanekite, $Cu_3(AsO_4)_2 \cdot 8H_2O$, from Jáchymov, Czech Republic – a new member of the vivianite group. Journal of Geosciences, 62, 4, 261–270. doi: 10.3190/jgeosci.248
WoS: IF_{2016}: 0,609; Q4 (25/29) in Mineralogy; Q4 (76/84) in Geochemistry & Geophysics; počet citací: 2

Plášil, J., **Škoda, R.** (2017): Crystal structure of the (REE)-uranyl carbonate mineral shabaite-(Nd). Journal of Geosciences, 62, 2, 97–105. doi: 10.3190/jgeosci.232
WoS: IF_{2016}: 0,609; Q4 (25/29) in Mineralogy; Q4 (76/84) in Geochemistry & Geophysics; počet citací: 1

Plášil, J., Čejka, J., Sejkora, J., Hloušek, J., **Škoda, R.**, **Novák, M.**, Dušek, M., Císařová, I., Němec, I., Ederová, J. (2017): Línekite, $K_2Ca_3[(UO_2)(CO_3)_3]_2 \cdot 8H_2O$, a new uranyl carbonate mineral from Jáchymov, Czech Republic. Journal of Geosciences, 62, 3, 201–213. doi: 10.3190/jgeosci.241
WoS: IF_{2016}: 0,609; Q4 (25/29) in Mineralogy; Q4 (76/84) in Geochemistry & Geophysics; počet citací: 4

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. doi: 10.1127/ejm/2017/0029-2583
WoS: IF_{2016}: 1,362; Q2 (14/29) in Mineralogy; počet citací: 7

Pokorný, R., **Krmíček, L.**, Sudo, M. (2017): An endemic ichnoassemblage from a late Miocene paleolake in SE Iceland. Palaeogeography Palaeoclimatology Palaeoecology, 485, 761–773. doi: 10.1016/j.palaeo.2017.07.033
WoS: IF_{2016}: 2,578; Q2 (18/49) in Geography, Physical; Q2 (53/188) in Geosciences, Multidisciplinary; Q1 (5/54) in Paleontology; počet citací: 3

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. doi: 10.1039/c7ja00200a
WoS: IF_{2016}: 3,379; Q1 (6/42) in Spectroscopy; Q1 (17/76) in Chemistry, Analytical; počet citací: 16

Pracný, P., **Faimon, J.**, **Všianský, D.**, Kabelka, L. (2017): Evolution of Mg/Ca ratios during limestone dissolution under epikarstic conditions. Aquatic Geochemistry, 23, 2, 119–139. doi: 10.1007/s10498-017-9313-y
WoS: IF_{2016}: 1,982; Q2 (41/84) in Geochemistry & Geophysics; počet citací: 4

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. doi: 10.3749/canmin.1600064
WoS: IF_{2016}: 0,817; Q4 (22/29) in Mineralogy; počet citací: 2

Sedláček, J., **Bábek, O.**, Nováková, T. (2017): Sedimentary record and anthropogenic pollution of a complex multiple source fed dam reservoirs: An example from the Nové Mlýny reservoir, Czech Republic. Science of the Total Environment, 574, 1456–1471. doi: 10.1016/j.scitotenv.2016.08.127
WoS: IF_{2016}: 4,900; Q1 (22/229) in Environmental Sciences; počet citací: 12

Sedláková, I., **Geršlová, E.**, Uhlík, P., Opletal, V. (2017): Mineralogical characteristics of upper Jurassic Mikulov Marls, the Czech Republic, in relation to their thermal maturity. Chemie der Erde - Geochemistry, 77, 1, 159–167. doi: 10.1016/j.chemer.2016.11.003

WoS: IF_{2016}: 1,380; Q3 (48/84) in Geochemistry & Geophysics; počet citací: 1

Slavíček, K., **Petřík, J.**, Žaža, P., Mitáš, V., Furmánek, V. (2017): Technological and provenance analyses of the south-eastern Urnfield culture pottery from the sites of Cinobaňa and Málinec (Poltár region, Slovakia). Praehistorische Zeitschrift, 92, 1, 162–175. doi: 10.1515/pz-2017-0007
WoS: IF_{2016}: 0,344; Q4 (73/82) in Anthropology; počet citací: 0

Talla, D., Beran, A., **Škoda, R.**, **Losos, Z.** (2017): Polarized FTIR spectroscopic examination on hydroxylation in the minerals of te wolframite group, $(Fe,Mn,Mg)[W,(Nb,Ta)][O,(OH)]_4$. American Mineralogist, 102, 4, 867–875. doi: 10.2138/am-2017-5664
WoS: IF_{2016}: 2,021; Q2 (10/29) in Mineralogy; Q2 (39/84) in Geochemistry & Geophysics; počet citací: 1

Tolokonnikova, Z., **Kalvoda, J.**, **Kumpan, T.** (2017): An early Tournaisian (Mississippian) bryozoan fauna from the Moravian Karst (Rhenohercynian Zone, Czech Republic). Geobios, 50, 4, 341–348. doi: 10.1016/j.geobios.2017.06.006
WoS: IF_{2016}: 1,431; Q2 (21/54) in Paleontology; počet citací: 0

Vejrostová, L., **Lisá, L.**, Bajer, A., Pacina, J. (2017): Evaluation of Human Impact on Geomorphology of Highland Stream Valleys: Case Stdudy from Bohemian-Moravian Highlands, Czechia. Geografie, 1. doi: neuvedeno
WoS: IF_{2016}: 0,580; Q4 (67/79) in Geography; počet citací: 3

Výravský, J., **Novák, M.**, **Škoda, R.** (2017): Formation of pretulite ($ScPO_4$) 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. doi: 10.1016/j.chemgeo.2016.11.031
WoS: IF_{2016}: 3,347; Q1 (17/84) in Geochemistry & Geophysics; počet citací: 1

Weiner, T., **Kalvoda, J.**, **Kumpan, T.**, Schindler, E., Šimíček, D. (2017): An Integrated Stratigrapy of the Frasnian-Famennian Boundary Interval (Late Devonian) in the Moravian Karst (Czech Republic) and Kellerwald (Germany). Bulletin of Geosciences, 92, 2, 257–281. doi: 10.3140/bull.geosci.1636
WoS: IF_{2016}: 1,175; Q3 (136/188) in Geosciences, Multidisciplinary; Q3 (32/54) in Paleontology; počet citací: 10

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. doi: 10.1016/j.sedgeo.2017.04.002
WoS: IF_{2016}: 2,373; Q1 (10/47) in Geology; počet citací: 6

Zietlow, P., Beirau, T., Mihailova, B., Groat, L., Chudy, T., Shelyug, A., Navrotsky, A., Ewing, R., Schluter, J., **Škoda, R.**, Bismayer, U. (2017): Thermal annealing of natural, radiation-damaged pyrochlore. Zeitschrift für Kristallographie – Crystalline Materials, 232, 1-3, 25–38. doi: 10.1515/zkri-2016-1965
WoS: IF_{2016}: 3,179; Q2 (7/26) in Crystallography; počet citací: 7

2016 (celkem 46 článků, 24 studentů spoluautorů – červeně)

Bábek, O., **Kumpan, T.**, **Kalvoda, J.**, Matys Grygar, T. (2016): Devonian/Carboniferous boundary glacioeustatic fluctuations in a platform-to-basin direction: A geochemical approach of sequence stratigraphy in pelagic settings. Sedimentary Geology, 337, 81–99. doi: 10.1016/j.sedgeo.2016.03.009
WoS: IF_{2015}: 2,236; Q1 (8/47) in Geology; počet citací: 28

Benedová, Š., **Leichmann J.** (2016): Experimental study of anisotropy of quartz dissolution and its role in fluid migration in rocks. Acta Geodynamica et Geomaterialia, 13, 2, 193–200. doi: 10.13168/AGG.2016.0001
WoS: IF_{2015}: 0,561; Q4 (16/21) in Mining & Mineral Processing; Q4 (70/81) in Geochemistry & Geophysics; počet citací: 0

Brzobohatý, R., **Kalvoda, J.**, Frýda, J., Erban, V. (2016): Strontium isotope record of the Hygophum hygomii otoliths from the European middle Miocene. Geobios, 49, 5, 349–354. doi: 10.1016/j.geobios.2016.06.007
WoS: IF_{2015}: 1,151; Q3 (33/54) in Paleontology; počet citací: 2

Buriánek, D., Dolníček, Z., **Novák, M.** (2016): Textural and compositional evidence for a polyphase saturation of tourmaline in granitic rocks from the Třebíč Pluton (Bohemian Massif). Journal of Geosciences, 61, 4, 309–334. doi: 10.3190/jgeosci.220
WoS: IF_{2015}: 1,326; Q3 (16/29) in Mineralogy; Q3 (47/81) in Geochemistry & Geophysics; počet citací: 2

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 $Al_{16}S_4Si_4O_{38}$, a new mineral related to boralsilite, $Al_{16}B_6Si_2O_{37}$, from the Manjaka pegmatite, Sahatany Valley, Madagascar. American Mineralogist, 101, 9-10, 2108–2117. doi: 10.2138/am-2016-5686
WoS: IF_{2015}: 1,918; Q2 (9/29) in Mineralogy; Q2 (37/81) in Geochemistry & Geophysics; počet citací: 10

Coletti, G., **Hrabovský, J.**, Basso, D. (2016): Lithothamnion crispatum: long-lasting species of non-geniculate coralline algae (Rhodophyta, Hapalidiales). Carnets de Geologie, 16, 3, 27–41. doi: neuvedeno
WoS: IF_{2015}: 0,436; Q4 (44/47) in Geology; Q4 (53/54) in Paleontology; počet citací: 9

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. doi: 10.1080/00206814.2015.1075230
WoS: IF_{2015}: 2,365; Q1 (7/47) in Geology; počet citací: 7

Domínguez-Bella, S., Cassen, S., Pétrequin, P., **Přichystal, A.**, Martinez, J., Ramos, J., Medina, N. (2016): Aroche (Huelva, Andalucia): a new Neolithic axehead of Alpine jade in the southwest of the Iberian Peninsula. Archaeological and Anthropological Sciences, 8, 1, 205–222. doi: 10.1007/s12520-015-0232-9
WoS: IF_{2015}: 1,636; Q1 (21/84) in Anthropology; počet citací: 6

Dvořák, K., Dolák, D., **Všianský, D.**, Dobrovolný, P. (2016): Evaluation of the Grindability of Recycled Glass in the Production of Blended Cements. Materiali in tehnologije, 50, 729–734. doi: 10.17222/mit.2015.184
WoS: IF_{2015}: 0,439; Q4 (246/271) in Materials Science, Multidisciplinary; 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. doi: 10.1016/j.apgeochem.2016.10.002
WoS: IF_{2015}: 2,468; Q2 (29/81) in Geochemistry & Geophysics; počet citací: 4

Faimon, J., Bodláková, 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. doi: 10.1007/s12665-016-5982-x
WoS: IF_{2015}: neuvedeno; počet citací: 6

Faryad, S.W., Collett, S., Finger, F., Sergeev, S.A., **Čopjaková, R.**, Siman, P. (2016): The Kabul Block (Afghanistan), a segment of the Columbia Supercontinent, with a Neoproterozoic metamorphic overprint. Gondwana Research, 34, 221–240. doi: 10.1016/j.gr.2015.02.019
WoS: IF_{2015}: 8,743; Q1 (2/184) in Geosciences, Multidisciplinary; počet citací: 10

Francírek, M., **Nehyba, S.** (2016): Evolution of the passive margin of the peripheral foreland basin: an example from the Lower Miocene Carpathian Foredeep (Czech Republic). Geologica Carpathica, 67, 1, 41–68. doi: 10.1515/geoca-2016-0003
WoS: IF_{2015}: 1,523; Q3 (106/184) in Geosciences, Multidisciplinary; počet citací: 5

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. doi: 10.1016/j.vibspec.2016.03.028
WoS: IF_{2015}: 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., Števko, M. (2016): Spectroscopic and bond-topological investigation of interstitial volatiles in beryl from Slovakia. Physics and Chemistry of Minerals, 43, 6, 419–437. doi: 10.1007/s00269-016-0806-9
WoS: IF_{2015}: 1,585; Q3 (141/271) in Materials Science; Q2 (13/29) in Mineralogy; počet citací: 9

Gadas, P., **Novák, M.**, Szuszkiewicz, A., Szeleg, E., Vašinová Galiová, M., **Haifler, J.** (2016): Magnesium-rich Na,Be,Li-rich sekaninaite from miarolitic pegmatite at Zimnik, Strzegom-Sobotka Massif, Sudetes, Poland. Canadian Mineralogist, 54, 4, 971–987. doi: 10.3749/canmin.1600024
WoS: IF_{2015}: 0,862; Q3 (21/29) in Mineralogy; počet citací: 4

Geršlová, E., **Goldbach, M.**, Geršl, M., Skupien, P. (2016): Heat flow evolution, subsidence and erosion in Upper Silesian Coal Basin, Czech Republic. International Journal of Coal Geology, 154-155, 30–42. doi: 10.1016/j.coal.2015.12.007
WoS: IF_{2015}: 3,294; Q1 (28/184) in Geosciences, Multidisciplinary; Q2 (26/88) in Energy & Fuels; počet citací: 8

Goliáš, V., Tumurkhuu, G., Kohn, P., Šálek, O., Plášil, J., **Škoda, R.**, Soumar, J. (2016): Construction of new houses on a uranium vein outcrop: a case study from the Czech Republic. Nukleonika, 61, 3, 343–349. doi: 10.1515/nuka-2016-0057
WoS: IF_{2015}: 0,546; Q4 (20/21) in Physics, Nuclear; Q4 (40/46) in Chemistry, Inorganic & Nuclear; počet citací: 0

Haifler, J., **Kotková, J.** (2016): UHP-UHT peak conditions and near-adiabatic exhumation path of diamond-bearing garnet-clinopyroxene rocks from the Eger Crystalline Complex, North Bohemian Massif. Lithos, 248-251, 366–381. doi: 10.1016/j.lithos.2016.02.001
WoS: IF_{2015}: 3,723; Q1 (4/29) in Mineralogy; Q1 (11/81) in Geochemistry & Geophysics; počet citací: 17

Havelcová, M., Machovič, V., Linhartová, M., Lapčák, L., **Přichystal, A.**, Dvořák, Z. (2016): Vibrational spectroscopy with chromatographic methods in molecular analyses of Moravian amber samples (Czech Republic). Microchemical Journal, 128, 153–160. doi: 10.1016/j.microc.2016.04.010
WoS: IF_{2015}: 2,893; Q1 (17/75) in Chemistry, Analytical; počet citací: 9

Hrabovský, J., Basso, D., **Doláková, N.** (2016): Diagnostic characters in fossil coralline algae (Corallinophycidae: Rhodophyta) from the Miocene of southern Moravia (Carpathian Foredeep, Czech Republic). Journal of Systematic Palaeontology, 14, 6, 499–525. doi: 10.1080/14772019.2015.1071501
WoS: IF_{2015}: 3,143; Q1 (2/54) in Paleontology; Q2 (19/46) in Evolutionary Biology; počet citací: 16

Klus, J., **Mikysek, P.**, Procházka, D., Pořízka, P., Procházková, P., Novotný, J., Trojek, T., Novotný, K., **Slobodník, M.**, Kaiser, J. (2016): Multivariate approach to the chemical mapping of uranium in sandstone-hosted uranium ores analyzed using double pulse Laser-Induced Breakdown Spectroscopy. Spectrochimica Acta Part B: Atomic Spectroscopy, 123, 143–149. doi: 10.1016/j.sab.2016.08.014
WoS: IF_{2015}: 3,289; Q1 (8/43) in Spectroscopy; počet citací: 21

Kociánová, L., **Melichar, R.** (2016): OATools: An ArcMap add-in for the orientation analysis of geological structures. Computers & Geosciences, 87, 67–75. doi: 10.1016/j.cageo.2015.12.005
WoS: IF_{2015}: 2,474; Q2 (47/184) in Geosciences, Multidisciplinary; Q1 (19/104) in Computer Science, Interdisciplinary Applications; počet citací: 5

Kotková, J., Whitehouse, M.J., Schaltegger, U., D'Abzac, F.-X. (2016): The fate of zircon during UHT-UHP metamorphism: isotopic (U/Pb, O-18, Hf) and trace element constraints. Journal of Metamorphic Geology, 34, 7, 719–739. doi: 10.1111/jmg.12206
WoS: IF_{2015}: 3,673; Q1 (3/47) in Geology; počet citací: 20

Kubošková, S., **Krmíček, L.**, Coufalík, P., Pokorný, R. (2016): Petrological and geochemical characteristics of Palaeogene low-rank coal on the Faroe Islands: restricted effects of alteration by basaltic lava flows. International Journal of Coal Geology, 165, 157–172. doi: 10.1016/j.coal.2016.08.009
WoS: IF_{2015}: 3,294; Q1 (28/184) in Geosciences, Multidisciplinary; Q2 (26/88) in Energy & Fuels; počet citací: 3

Magna, T., **Novák, M.**, **Cempírek, J.**, Janoušek, V., Ullmann, C.V., Wiechert, U. (2016): Crystallographic control on lithium isotope fractionation in Archean to Cenozoic lithium-cesium-tantalum pegmatites. Geology, 44, 8, 655–658. doi: 10.1130/G37712.1
WoS: IF_{2015}: 4,548; Q1 (1/47) in Geology; počet citací: 9

Matysová, P., Gotze, J., **Leichmann, J.**, **Škoda, R.**, Strnad, L., Drahota, P., Matys Grygar, T. (2016): Cathodoluminescence and LA-ICP-MS chemistry of silicified wood enclosing wakefieldite – REEs and V migration during complex diagenetic evolution. European Journal of Mineralogy, 28, 5, 869–887. doi: 10.1127/ejm/2016/0028-2556
WoS: IF_{2015}: 1,464; Q3 (15/29) in Mineralogy; počet citací: 2

Nahodilová, R., Vrána, S., Pertoldová, J., **Gadas, P.** (2016): Geochemical variability of granite dykes and small intrusions at the margin of the Granulite complex in southern Bohemia. Journal of Geosciences, 61, 2, 145–170. doi: 10.3190/jgeosci.213
WoS: IF_{2015}: 1,326; Q3 (16/29) in Mineralogy; Q3 (47/81) in Geochemistry & Geophysics; počet citací: 0

Nehyba, S., Opletal, V. (2016): Depositional environment and provenance of the Gresten Formation (Dogger) on te southeastern slopes of the Bohemian Massif (Czech Republic, subsurface data). Austrian Journal of Earth Sciences, 109, 2, 262–276. doi: 10.17738/ajes.2016.0020
WoS: IF_{2015}: 0,618; Q4 (168/184) in Geosciences, Multidisciplinary; počet citací: 6

Nehyba, S., Holcová, K., Gedl, P., **Doláková, N.** (2016): The Lower Badenian transgressive-regressive cycles – a case study from Oslavany (Carpathian Foredeep, Czech Republic). Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen, 279, 2, 209–238. doi: 10.1127/njgpa/2016/0548
WoS: IF_{2015}: 0,719; Q4 (46/54) in Paleontology; počet citací: 15

Nerudová, Z., **Doláková, N.**, Novák, J. (2016): New information augmenting the picture of local environment at the LGM/LGT in the context of the Middle Danube region. Holocene, 26, 9, 1345–1354. doi: 10.1177/0959683616640051
WoS: IF_{2015}: 2,135; Q2 (22/49) in Geography, Physical; Q2 (64/184) in Geosciences, Multidisciplinary; počet citací: 6

Pabst, W., Gregorová, E., Kloužek, J., Kloužková, A., Zemanová, P., Kohoutková, M., Sedlářová, I., Lang, K., Kotouček, M., Nevřivová, L., **Všianský, D.** (2016): High-temperature Young's moduli and dilatation behavior of silica refractories. Journal of the European Ceramic Society, 36, 1, 209–220. doi: 10.1016/j.jeurceramsoc.2015.09.020
WoS: IF_{2015}: 2,933; Q1 (1/27) in Materials Science, Ceramics; počet citací: 10

Pagano, D.S., Galliski, M.Á., Márquez-Zavalía, M.F., **Novák, M.**, **Škoda, R.** (2016): Petrography, mineralogy, and origin of the syenite pegmatitic segregation veins from La Peña Alkaline Complex, Mendoza, Argentina. Canadian Mineralogist, 54, 4, 803–825. doi: 10.3749/canmin.1600015
WoS: IF_{2015}: 0,862; Q3 (21/29) in Mineralogy; počet citací: 0

Plášil, J., **Škoda, R.**, Čejka, J., Bourgoin, V., Boulliard, J.C. (2016): Crystal structure of the uranyl-oxide mineral rameauite. European Journal of Mineralogy, 28, 5, 959–967. doi: 10.1127/ejm/2016/0028-2568
WoS: IF_{2015}: 1,464; Q3 (15/29) in Mineralogy; počet citací: 8

Pokorný, R., Štofík, M. (2016): Evidence of bioerosive structures in Quaternary glaciomarine sediments from SW Iceland. Ichnos, 24, 3, 204–221. doi: 10.1080/10420940.2016.1260567
WoS: IF_{2015}: 0,935; Q3 (38/54) in Paleontology; počet citací: 1

Pokrant, F., Kindler, C., **Ivanov, M.**, Cheylan, M., Geniez, P., Böhme, W., Fritz, U. (2016): Integrative taxonomy provides evidence for the species status of the Ibero-Maghrebian grass snake Natrix astreptophora. Biological Journal of the Linnean Society, 118, 4, 873–888. doi: 10.1111/bij.12782
WoS: IF_{2015}: 1,984; Q3 (31/46) in Evolutionary Biology; počet citací: 24

Poukarová, H., **Weiner, T.** (2016): The first "osteolepiform" tetrapodomorph (Sarcopterygii) from the Paleozoic sequences of the Moravian Karst (Czech Republic). Geological Quarterly, 60, 3, 737–745. doi: 10.7306/gq.1301
WoS: IF_{2015}: 0,858; Q3 (29/47) in Geology; počet citací: 0

Pracný, P., **Faimon, J.**, **Sracek, O.**, Kabelka, L., Hebelka, J. (2016): Anomalous drip in the Punka caves (Moravian Karst): relevant implications for paleoclimatic proxies. Hydrological Processes, 30, 10, 1506–1520. doi: 10.1002/hyp.10731
WoS: IF_{2015}: 2,768; Q1 (8/85) in Water Resources; počet citací: 6

Pracný, P., **Faimon, J.**, Kabelka, L., Hebelka, J. (2016): Variations of carbon dioxide in the air and dripwaters of Punkva Caves (Moravian Karst, Czech Republic). Carbonates and Evaporites, 31, 4, 375–386. doi: 10.1007/s13146-015-0259-0
WoS: IF_{2015}: 0,440; Q4 (43/47) in Geology; počet citací: 9

Přikryl, T., **Brzobohatý, R.**, Gregorová, R. (2016): Diversity and distribution of fossil codlets (Teleostei, Gadiformes, Bregmacerotidae): review and commentary. Palaeobiodiversity and Palaeoenvironments, 96, 1, 13–39. doi: 10.1007/s12549-015-0222-z
WoS: IF_{2015}: 1,322; Q3 (28/54) in Paleontology; Q2 (23/49) in Biodiversity Conservation; počet citací: 8

Radaideh, O.M.A., Grassemann, B., **Melichar, R.**, Mosar, J. (2016): Detection and analysis of morphotectonic features utilizing satellite remote sensing and GIS: an example in SW Jordan. Geomorphology, 275, 58–79. doi: 10.1016/j.geomorph.2016.09.033
WoS: IF_{2015}: 2,813; Q1 (12/49) in Geography, Physical; Q1 (34/184) in Geosciences, Multidisciplinary; počet citací: 18

Ramírez-Herrera, M.T., Bógalo, M.-F., **Černý, J.**, Goguitchaichvili, A., Corona, N., Machain, M.L., Edwards, A.C., Sosa, S. (2016): Historic and ancient tsunamis uncovered on the Jalisco-Colima Pacific coast, the Mexican subduction zone. Geomorphology, 259, 90–104. doi: 10.1016/j.geomorph.2016.02.011
WoS: IF_{2015}: 2,813; Q1 (12/49) in Geography, Physical; Q1 (34/184) in Geosciences, Multidisciplinary; počet citací: 8

Sedláček, J., **Bábek, O.**, Kielar, O. (2016): Sediment accumulation rates and high-resolution stratigraphy of recent fluvial suspension deposits in various fluvial settings, Morava River catchment area, Czech Republic. Geomorphology, 254, 73–87. doi: 10.1016/j.geomorph.2015.11.011
WoS: IF_{2015}: 2,813; Q1 (12/49) in Geography, Physical; Q1 (34/184) in Geosciences, Multidisciplinary; počet citací: 17

Škácha, P., Sejkora, J., Palatinus, L., Makovický, E., Plášil, J., **Macek, I.**, Goliáš, V. (2016): Hakite from Pribram, Czech Republic: compositional variability, crystal structure and the role in Se mineralization. Mineralogical Magazine, 80, 6, 1115–1128. doi: 10.1180/minmag.2016.080.038
WoS: IF_{2015}: 2,212; Q2 (8/29) in Mineralogy; počet citací: 8

Švecová, E., **Čopjaková, R.**, **Losos, Z.**, **Škoda, R.**, Nasdala, L., Cícha, J. (2016): Multi-stage evolution of xenotime-(Y) from Písek pegmatites, Czech Republic: an electron probe micro-analysis and Raman spectroscopy study. Mineralogy and Petrology, 110, 6, 747–765. doi: 10.1007/s00710-0-16-0442-6
WoS: IF_{2015}: 1,180; Q3 (19/29) in Mineralogy; Q3 (53/81) in Geochemisry & Geophysics; počet citací: 9

Weiner, T., **Kalvoda, J.** (2016): Biostratigraphic and sedimentary record of the Annulata Events in the Moravian Karst (Famennian, Czech Republic). Facies, 62, 6. doi: 10.1007/s10347-015-0456-2
WoS: IF_{2015}: 1,690; Q2 (17/47) in Geology; Q2 (19/54) in Paleontology; počet citací: 4

2015 (celkem 35 článků, 11 studentů spoluautorů – červeně)

Čopjaková, R., **Škoda, R.**, Vašinová Galiová, M., **Novák, M.**, **Cempírek, J.** (2015): Sc- and REE-rich tourmaline replaced by Sc-rich REE-bearing epidote-group mineral from the mixed (NYF plus LCT) Kracovice pegmatite (Moldanubian Zone, Czech Republic). American Mineralogist, 100, 7, 1434–1451. doi: 10.2138/am-2015-4863
WoS: IF_{2014}: 1,964; Q2 (9/28) in Mineralogy; Q2 (37/79) in Geochemistry & Geophysics; počet citací: 14

Dill, H., **Škoda, R.** (2015): The new Nb-P aplite at Reinhardsrieth: A keystone in the lateral and depth zonations of the Hagendorf-Pleystein Pegmatite Field, SE Germany. Ore Geology Reviews, 70, 208–227. doi: 10.1016/j.oregeorev.2015.04.015
WoS: IF_{2014}: 3,558; Q1 (3/46) in Geology; Q1 (4/28) in Mineralogy; Q1 (1/20) in Mining & Mineral Processing; počet citací: 3

Fridrichová, J., Bačík, P., Rusinová, P., Antal, P., **Škoda, R.**, Bizovska, V., Miglierini, M. (2015): Optical and crystal-chemical changes in aquamarines and yellow beryls from Thanh Hoa province, Vietnam induced by heat treatment. Physics and Chemistry of Minerals, 42, 4, 287–302. doi: 10.1007/s00269-014-0719-4
WoS: IF_{2014}: 1,538; Q3 (136/260) in Materials Science, Multidisciplinary; Q2 (12/28) in Mineralogy; počet citací: 10

Geršlová, E., Opletal, V., Sýkorová, I., **Sedláková, I.**, Geršl, M. (2015): A geochemical and petrographical characterization of organic matter in the Jurrasic Mikulov Marls from the Czech Republic. International Journal of Coal Geology, 141-142, 42–50. doi: 10.1016/j.coal.2015.03.002
WoS: IF_{2014}: 3,381; Q1 (21/175) in Geosciences, Multidisciplinary; Q2 (23/89) in Energy & Fuels; počet citací: 13

Holcová, K., **Brzobohatý, R.**, Kopecká, J., **Nehyba, S.** (2015): Reconstruction of the unusual Middle Miocene (Badenian) palaeoenvironment of the Carpathian Foredeep (Lomnice/Tišnov denudational relict, Czech Republic). Geological Quarterly, 59, 4, 654–678. doi: 10.7306/gq.1249
WoS: IF_{2014}: 1,000; Q3 (25/46) in Geology; počet citací: 13

Holcová, K., **Hrabovský, J.**, **Nehyba, S.**, Hladilová, Š., **Doláková, N.**, Demény, A. (2015): The Langhian (Middle Badenian) carbonate production event in the Moravian part of the Carpathian Foredeep (Central Paratethys): a multiproxy record. Facies, 61, 1, 419. doi: 10.1007/s10347-014-0419-z
WoS: IF_{2014}: 1,448; Q2 (19/46) in Geology; Q2 (18/50) in Paleontology; počet citací: 18

Kallistová, A., Skála, R., Horáček, I., Nobuyoshi, M., **Malíková, R.** (2015): Influence of sample preparation on the microstructure of tooth enamel apatite. Journal of Applied Crystallography, 48, 3, 763–768. doi: 10.1107/S1600576715005208
WoS: IF_{2014}: 3,984; Q1 (3/23) in Crystallography; počet citací: 3

Kalvoda, J., **Kumpan, T.**, **Bábek, O.** (2015): Upper Famennian and Lower Tournaisian sections of the Moravian Karst (Moravo-Silesian Zone, Czech Republic): a proposed key area for correlation of the conodont and foraminiferal zonations. Geological Journal, 50, 1, 17–38. doi: 10.1002/gj.2523
WoS: IF_{2014}: 1,627; Q2 (85/175) in Geosciences, Multidisciplinary; počet citací: 30

Kocourková-Víšková, E., **Loun, J.**, **Sracek, O.**, Houzar, S., Filip, J. (2015): Secondary arsenic minerals and arsenic mobility in a historical waste rock pile at Kaňk near Kutná Hora, Czech Republic. Mineralogy and Petrology, 109, 1, 17–33. doi: 10.1007/s00710-014-0356-0
WoS: IF_{2014}: 1,349; Q2 (14/28) in Mineralogy; Q3 (47/79) in Geochemistry & Geophysics; počet citací: 7

Kotková, J., Janák, M. (2015): UHP kyanite eclogite associated with garnet peridotite and diamond-bearing granulite, northern Bohemian Massif. Lithos, 226, 255–264. doi: 10.1016/j.lithos.2015.01.016
WoS: IF_{2014}: 4,482; Q1 (2/28) in Mineralogy; Q1 (6/79) in Geochemistry & Geophysics; počet citací: 15

Kumpan, T., **Bábek, O.**, **Kalvoda, J.**, Matys Grygar, T., Frýda, J., Becker, T.R., Hartenfels, S. (2015): Petrophysical and geochemical signature of the Hangenberg Events: an integrated stratigraphy of the Devonian-Carboniferous boundary interval in the Northern Rhenish Massif (Avalonia, Germany). Bulletin of Geosciences, 90, 3, 667–694. doi: 10.3140/bull.geosci.1547
WoS: IF_{2014}: 1,515; Q3 (95/175) in Geosciences, Multidisciplinary; Q2 (13/50) in Paleontology; počet citací: 21

Lang, M., **Faimon, J.**, Ek, C. (2015): A case study of anthropogenic impact on the CO_2 levels in low-volume profile of the Balcarka Cave (Moravian Karst, Czech Republic). Acta Carsologica, 44, 1, 71–80. doi: 10.3986/ac.v44i1.917
WoS: IF_{2014}: 0,451; Q4 (169/175) in Geosciences, Multidisciplinary; počet citací: 5

Lang, M., **Faimon, J.**, Ek, C. (2015): The relationship between carbon dioxide concentration and visitor numbers in the homothermic zone of the Balcarka Cave (Moravian Karst) during a period of limited ventilation. International Journal of Speleology, 44, 2, 167–176. doi: 10.5038/1827-806X.44.2.6
WoS: IF_{2014}: 1,656; Q2 (81/175) in Geosciences, Multidisciplinary; počet citací: 11

Medaris, L.G., Ackerman, L., Jelínek, E., Michels, Z.D., Erban, V., **Kotková, J.** (2015): Depletion, cryptic metasomatism, and modal metasomatism (refertilization) of Variscan lithospheric mantle: Evidence from major

elements, trace elements, and Sr-Nd-Os isotopes in a Saxothuringian garnet peridotite. Lithos, 226, 81–97. doi: 10.1016/j.lithos.2014.10.007
WoS: IF_{2014}: 4,482; Q1 (2/28) in Mineralogy; Q1 (6/79) in Geochemistry & Geophysics; počet citací: 15

Mücke, A., **Losos, Z.** (2015): The iron/manganese occurrences of the Desná Unit of the Sobotín Amphibolite Massif, Silesicum, Czech Republic: A reply to the paper of Kropáč et al. (2012). Chemie der Erde - Geochemistry, 75, 1, 51–54. doi: 10.1016/j.chemer.2014.08.001
WoS: IF_{2014}: 1,269; Q3 (49/79) in Geochemistry & Geophysics; počet citací: 0

Nehyba, S., Nývlt, D. (2015): "Bottomsets" of the lava-fed delta of James Ross Island Volcanic Group, Ulu Peninsula, James Ross Island, Antarctica. Polish Polar Research, 36, 1, 1–24. doi: 10.1515/popore-2015-0002
WoS: IF_{2014}: 1,275; Q3 (114/175) Geosciences, Multidisciplinary; Q3 (99/145) in Ecology; počet citací: 8

Nehyba, S., Roetzel, R. (2015): Depositional environment and provenance analyses of the Zobing Formation (Upper Carboniferous-Lower Permian), Austria. Austrian Journal of Earth Sciences, 108, 2, 245–276. doi: 10.17738/ajes.2015.0025
WoS: IF_{2014}: 0,774; Q4 (147/175) in Geosciences, Multidisciplinary; počet citací: 6

Novák, M., **Cempírek, J.**, **Gadas, P.**, **Škoda, R.**, Vašinová Galiová, M., Pezzotta, F., Groat, L.A. (2015): Boralsilite and Li,Be-bearing "boron mullite" $Al_8B_2Si_2O_{19}$, breakdown products of spodumene from te Manjaka pegmatite, Sahatany Valley, Madagascar. Canadian Mineralogist, 53, 2, 357–373. doi: 10.3749/canmin.1400092
WoS: IF_{2014}: 1,181; Q3 (17/28) in Mineralogy; počet citací: 5

Novák, M., **Čopjaková, R.**, Dosababa, M., Vašinová Galiová, M., **Všianský, D.**, Staněk, J. (2015): Two paragenetic types of cookeite from Dolní Bory-Hatě pegmatites, Moldanubian Zone, Czech Republic: proximal and distal alteration products of Li-bearing sekaninaite. Canadian Mineralogist, 53, 6, 1035–1048. doi: 10.3749/canmin.1400090
WoS: IF_{2014}: 1,181; Q3 (17/28) in Mineralogy; počet citací: 2

Petřík, J., Petr, L., Šabatová, K., **Doláková, N.**, Lukšíková, H., Dohnalová, A., Chadimová, L., **Blaško, D.**, Milo, P. (2015): Reflections of Prehistoric and Medieval human activities in floodplain deposits of the Únanovka Stream, Sout Moravia, Czech Republic. Zeitschrift für Geomorphologie, 59, 3, 393–412. doi: 10.1127/zfg/2015/0167
WoS: IF_{2014}: 0,734; Q4 (39/46) in Geography, Physical; Q4 (154/175) in Geosciences, Multidisciplinary; počet citací: 4

Plášil, J., Hloušek, J., Kasatkin, A.V., **Škoda, R.**, **Novák, M.**, Čejka, J. (2015): Geschieberite, $K_2(UO_2)(SO_4)_2(H_2O)_2$, a new uranyl sulfate mineral from Jáchymov. Mineralogical Magazine, 79, 1, 205–216. doi: 10.1180/minmag.2015.079.1.16
WoS: IF_{2014}: 2,026; Q2 (8/28) in Mineralogy; počet citací: 7

Plášil, J., **Škoda, R.** (2015): New crystal-chemical data for marecottite. Mineralogical Magazine, 79, 3, 649–660. doi: 10.1180/minmag.2015.079.3.10
WoS: IF_{2014}: 2,026; Q2 (8/28) in Mineralogy; počet citací: 4

Plášil, J., Hloušek, J., Kasatkin, A.V., **Novák, M.**, Čejka, J., Lapčák, L. (2015): Svornostite, $K_2Mg[(UO_2)(SO_4)_2]_2 \cdot 8H_2O$, a new uranyl sulfate mineral from Jáchymov, Czech Republic. Journal of Geosciences, 60, 2, 113–121. doi: 10.3190/jgeosci.192
WoS: IF_{2014}: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 11

Prokeš, L., Vašinová Galiová, M., Hušková, S., Vaculovič, T., Hrdlička, A., Mason, A.Z., Neff, H., **Přichystal, A.**, Kanický, V. (2015): Laser microsampling and multivariate methods in provenance studies of obsidian artefacts. Chemical Papers, 69, 6, 761–778. doi: 10.1515/chempap-2015-0019
WoS: IF_{2014}: 1,468; Q3 (79/157) in Chemistry, Multidisciplinary; počet citací: 0

Radaideh, O.M., **Melichar, R.** (2015): Tectonic Paleostress fields in the southwestern part of Jordan: New insights from the fault-slip data in the southeastern flank of the Dead Sea Fault Zone. Tectonics, 34, 9, 1863–1891. doi: 10.1002/2015TC003919
WoS: IF_{2014}: 3,318; Q1 (14/79) in Geochemistry & Geophysics; počet citací: 4

Suchý, V., Sandler, A., **Slobodník, M.**, Sýkorová, I., Filip, J., Melka, K., Zeman, A. (2015): Diagenesis to very low-grade metamorphism in Lower Palaeozoic sediments: a case study from deep borehole Tobolka 1, the Barrandian Basin, Czech Republic. International Journal of Coal Geology, 140, 41–62. doi: 10.1016/j.coal.2014.12.015
WoS: IF_{2014}: 3,381; Q1 (21/175) in Geosciences, Multidisciplinary; Q2 (23/89) in Energy & Fuels; počet citací: 7

Svoboda, J., **Hladilová, Š.**, Horáček, I., Kaiser, J., Králík, M., Novák, J., Novák, M., Pokorný, P., Sázelová S., Smolíková, L., Zikmund, T. (2015): Dolní Věstonice IIa: Gravettian microstratigraphy, environment, and the origin of baked clay production in Moravia. Quaternary International, 359, 195–210. doi: 10.1016/j.quaint.2014.06.048
WoS: IF_{2014}: 2,062; Q3 (24/46) in Geography, Physical; Q2 (63/175) in Geosciences, Multidisciplinary; počet citací: 11

Šimíček, D., **Bábek, O.** (2015): Assessing provenance of Upper Cretaceous siliciclastics using spectral gamma-ray record. Geologica Carpathica, 66, 4, 311–329. doi: 10.1515/geoca-2015-0028
WoS: IF_{2014}: 0,761; Q4 (149/175) in Geosciences, Multidisciplinary; počet citací: 1

Šimíček, D., **Bábek, O.** (2015): Spectral gamma-ray logging of the Grés d'Annot, SE France: An outcrop analogue to geophysical facies mapping and well-log correlation of sand-rich turbidite reservoirs. Marine and Petroleum Geology, 60, 1–17. doi: 10.1016/j.marpetgeo.2014.10.010
WoS: IF_{2014}: 2,639; Q1 (40/175) in Geosciences, Multidisciplinary; počet citací: 19

Škoda, R., Plášil, J., Jonsson, E., **Čopjaková, R.** (2015): Redefinition of thalénite-(Y) and discrediation of fluorthalénite-(Y): A re-investigation of type material from the Österby pegmatite, Dalarna, Sweden, and from addition localities. Mineralogical Magazine, 79, 4, 965–983. doi: 10.1180/minmag.2015.079.4.07
WoS: IF_{2014}: 2,026; Q2 (8/28) in Mineralogy; počet citací: 13

Števko, M., Uher, P., Sejkora, J., **Malíková, R.**, **Škoda, R.**, Vaculovič, T. (2015): Phosphate minerals from the hydrothermal quartz veins in specialized S-type granites, Gemerska Poloma (Western Carpathians, Slovakia). Journal of Geosciences, 60, 4, 237–249. doi: 10.3190/jgeosci.202
WoS: IF_{2014}: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 3

Vašinová Galiová, M., Štěpánková, K., **Čopjaková, R.**, Kuta, J., Prokeš, L., Kynický, J., Kanický, V. (2015): Preparation and testing of phosphate, oxalate and uric acid matrix-matched standards for accurate quantification of 2D elemental distribution in kidney stone sections using 213 nm nanosecond laser ablation inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 30, 6, 1356–1368. doi: 10.1039/c4ja00347k
WoS: IF_{2014}: 3,466; Q1 (6/44) in Spectroscopy; Q1 (12/74) in Chemistry, Analytical; počet citací: 2

Wojewoda, J., **Nehyba, S.**, Gilíková, H., **Buriánek, D.** (2015): Devonian siliciclastic rocks of the Babí lom (southern Moravia, Czech Republic): sedimentary environment reconstruction and provenance study. Geological Quarterly, 59, 1, 229–238. doi: 10.7306/gq.1205
WoS: IF_{2014}: 1,000; Q3 (25/46) in Geology; počet citací: 2

Xie, L., Wang, R.-C., Groat, L.A., Zhu, J.-C., Huang, F.-F., **Cempírek, J.** (2015): A combined EMPA and LA-ICP-MS study of Li-bearing mica and Sn-Ti oxide minerals from the Qiguling topaz rhyolite (Qitianling District, China): The role of fluorine in origin of tin mineralization. Ore Geology Reviews, 65, 4, 779–792. doi: 10.1016/j.oregeorev.2014.08.013
WoS: IF_{2014}: 3,558; Q1 (3/46) in Geology; Q1 (4/28) in Mineralogy; Q1 (1/20) in Mining & Mineral Processing; počet citací: 21

Žáček, V., Rapprich, V., Šíma, J., **Škoda, R.**, Laufek, F., Legesa, F. (2015): Kogarkoite, $Na_3(SO_4)F$, from the Shalo hot spring, Main Ethiopian Rift: implications for F-enrichment of thermal groundwater related to alkaline silicic volcanic rocks. Journal of Geosciences, 30, 3, 171–179. doi: 10.3190/jgeosci.195
WoS: IF_{2014}: 1,405; Q3 (102/175) in Geosciences, Multidisciplinary; počet citací: 7

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

Blecha, M., **Faimon, J.** (2014): Karst soils: Dependence of CO_2 concentrations on pore dimension. Acta Carsologica, 43, 1, 55–64. doi: neuvedeno
WoS: IF_{2013}: 0,710; Q4 (144/174) in Geosciences, Multidisciplinary; počet citací: 5

Blecha, M., **Faimon, J.** (2014): Spatial and temporal variations in carbon dioide (CO_2) concentrations in selected soils of the Moravian Karst (Czech Republic). Carbonates and Evaporites, 29, 4, 395–408. doi: 10.1007/s13146-014-0220-7
WoS: IF_{2013}: 0,308; Q4 (42/44) in Geology; počet citací: 11

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. doi: 10.1016/j.conbuildmat.2014.04.018
WoS: IF_{2013}: 2,265; Q1 (12/124) in Engineering, Civil; Q1 (62/251) in Materials Science, Multidisciplinary; Q1 (7/58) in Construction & Building Technology; počet citací: 44

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. doi: 10.1180/minmag.2014.078.3.17
WoS: IF_{2013}: 1,898; Q2 (9/27) in Mineralogy; počet citací: 15

Čejka, J., Sejkora, J., **Macek, I.**, Frost, R.L., López, A. (2014): A vibrational spectroscopic study of a hydrated hydroxy-phosphate mineral fluellite, $Al_2(PO_4)F_2(OH)$. $7H_2O$. Spectrochimica Acta Part A: Molecular and Biomolecular Spectrocsopy, 126, 157–163. doi: 10.1016/j.saa.2014.01.116
WoS: IF_{2013}: 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. doi: 10.3749/canmin.52.2.129
WoS: IF_{2013}: 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. doi: 10.1127/0077-7749/2014/0383
WoS: IF_{2013}: 0,541; Q4 (45/49) in Paleontology; počet citací: 23

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. doi: 10.1016/j.marpetgeo.2014.02.003
WoS: IF_{2013}: 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, Modanubian Zone, Czech Republic. Canadian Mineralogist, 52, 2, 285–301. doi: 10.3749/canmin.52.2.285
WoS: IF_{2013}: 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. doi: 10.1007/s12665-013-2709-0
WoS: IF_{2013}: 1,572; Q3 (113/216) in Environmental Sciences; Q2 (80/174) in Geosciences, Multidisciplinary; Q2 (33/81) in Water Resources; počet citací: 5

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. doi: 10.1111/sed.12081
WoS: IF_{2013}: 2,741; Q1 (4/44) in Geology; počet citací: 42

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. doi: neuvedeno
WoS: IF_{2013}: 0,727; Q3 (31/44) in Geology; počet citací: 8

Hönig, S., **Čopjaková, R.**, **Škoda, R.**, **Novák, M.**, Dolejš, D., **Leichmann, J.**, Vašinová Galiová, M. (2014): Garnet as a major carrier of the Y and REE in the granitic rocks: An example from the layered anorogenic granite in the Brno Batholith, Czech Republic. American Mineralogist, 99, 10, 1922–1941. doi: 10.2138/am-2014-4728
WoS: IF_{2013}: 2,059; Q2 (8/27) in Mineralogy; Q2 (33/80) in Geochemistry & Geophysics; počet citací: 18

Ivanov, D., Kováčová, M., Bozukov, 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. doi: 10.1016/j.palaeo.2006.03.020
WoS: IF_{2013}: 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. doi: 10.1127/0372-8854/2013/0113
WoS: IF_{2013}: 0,661; Q4 (40/46) in Geography, Physical; Q4 (148/174) in Geosciences, Multidisciplinary; počet citací: 0

Kalvoda, J., Nudds, J., **Bábek, O.**, Howells, C. (2014): Late Chadian-early Arundian high-resolution biostratigraphy in the Ogmor-by-Sea section (South Wales–Mendip shelf) and the mid-Avonian unconformity. Journal of the Geological Society, 171, 1, 41–47. doi: 10.1144/jgs2013-023
WoS: IF_{2013}: 2,800; Q1 (32/174) in Geosciences, Multidisciplinary; počet citací: 1

Kotková, J., **Škoda, R.**, Machovič, V. (2014): Kumdykolite from the ultrahigh-pressure granulite of the Bohemian Massif. American Mineralogist, 99, 8-9, 1798–1801. doi: 10.2138/am.2014.4889
WoS: IF_{2013}: 2,059; Q2 (8/27) in Mineralogy; Q2 (33/80) in Geochemistry & Geophysics; počet citací: 14

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 multi-proxy stratigraphic analysis of carbonate ramp archives and its use in regional and interregional correlations. Sedimentary Geology, 311, 43–59. doi: 10.1016/j.sedge.2014.06.007
WoS: IF_{2013}: 2,134; Q1 (11/44) in Geology; počet citací: 29

Kumpan, T., **Bábek, O.**, **Kalvoda, J.**, Frýda, J., Matys Grygar, T. (2014): A high-resolution, multiproxy stratigraphic analysis of the Devonian–Carboniferous boundary sections in the Moravian Karst (Czech Republic) and a correlation with the Carnic Alps (Austria). Geological Magazine, 151, 2, 201–215. doi: 10.1017/S0016756812001057
WoS: IF_{2013}: 2,177; Q2 (55/174) in Geosciences, Multidisciplinary; počet citací: 34

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. doi: 10.1016/j.quaint.2013.04.006
WoS: IF_{2013}: 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. doi: 10.1021/es5024916
WoS: IF_{2013}: 5,481; Q1 (8/216) in Environmental Sciences; Q1 (2/46) in Engineering, Environmental; počet citací: 22

Nehyba, S. (2014): Soft-sediment deformation structures in Lower Badenian (Middle Miocene) foreshore sands and their trigger mechanism (Carpathian Foredeep Basin, Czech Republic). Austrian Journal of Earth Sciences, 107, 2, 23–36. doi: neuvedeno
WoS: IF_{2013}: 0,571; Q4 (155/174) in Geosciences, Mulidisciplinary; počet citací: 3

Plášil, J., Sejkora, J., **Škoda, R.**, **Novák, M.**, Kasatkin, A.V., Škacha, P., Veselovský, F., Fejfarová, K., Ondruš, P. (2014): Hloušekite, $(Ni,Co)Cu_4(AsO_4)_2(AsO_3OH)_2(H_2O)_9$, a new member of the lindackerite supergroup from Jáchymov, Czech Republic. Mineralogical Magazine, 78, 5, 1341–1353. doi: 10.1180/minmag.2014.078.5.16
WoS: IF_{2013}: 1,898; Q2 (9/27) in Mineralogy; počet citací: 8

Plášil, J., **Škoda, R.**, Fejfarová, K., Čejka, J., Kasatkin, A.V., Dušek, M., Talla, D., Lapčák, L., Machovic, V., Dini, M. (2014): Hydroniumjarosite, $(H_3O)^+Fe_3(SO_4)_2(OH)_6$, from Cerros Pintados, Chile: Single-crystal X-ray diffraction and vibrational spectroscopic study. Mineralogical Magazine, 78, 3, 535–547. doi: 10.1180/minmag.2014.078.3.04
WoS: IF_{2013}: 1,898; Q2 (9/27) in Mineralogy; počet citací: 5

Plášil, J., Kasatkin, A.V., **Škoda, R.**, Škácha, P. (2014): Klajite, $MnCu_4(AsO_4)_2(AsO_3OH)_2(H_2O)_{10}$, from Jáchymov (Czech Republic): the second world occurrence. Mineralogical Magazine, 78, 1, 119–129. doi: 10.1180/minmag.2014.078.1.09
WoS: IF_{2013}: 1,898; Q2 (9/27) in Mineralogy; počet citací: 3

Plášil, J., Veselovský, F., Hloušek, J., **Škoda, R.**, **Novák, M.**, Sejkora, J., Čejka, J., Škácha, P., Kasatkin, A.V. (2014): Mathesiusite, $K_5(UO_2)_4(SO_4)_4(VO_5)(H_2O)_4$, a new uranyl vanadate-sulfate from Jáchymov, Czech Republic. American Mineralogist, 99, 4, 625–632. doi: 10.2138/am.2014.4681
WoS: IF_{2013}: 2,059; Q2 (8/27) in Mineralogy; Q2 (33/80) in Geochemistry & Geophysics; počet citací: 19

Plášil, J., Sejkora, J., **Škoda, R.**, Škácha, 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. doi: 10.3190/jgeosci.171
WoS: IF_{2013}: 0,744; Q4 (140/174) in Mineralogy; počet citací: 10

Přikryl, 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. doi: 10.3749/canmin.52.1.271
WoS: IF_{2013}: 1,134; Q3 (17/27) in Mineralogy; počet citací: 8

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 thunamis using multiple proxies: the 22 June 1932 event and a probable fourteenth-century predecessor on the Pacific coast of Mexico. International Geology Review, 56, 13, 1584–1601. doi: 10.1080/00206814-2014.951977
WoS: IF_{2013}: 2,628; Q1 (6/44) in Geology; počet citací: 12

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 $^{40}Ar/^{39}Ar$-dating, palaeomagnetic, geochemical and mineralogical investigations. Austrian Journal of Earth Sciences, 107, 2, 2–22. doi: neuvedeno
WoS: IF_{2013}: 0,571; Q4 (155/174) in Geosciences, Mulidisciplinary; počet citací: 12

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. doi: 10.1515/geoca-2015-0006
WoS: IF_{2013}: 0,835; Q3 (130/174) in Geosciences, Multidisciplinary; počet citací: 0

Urubek, T., **Dolníček, Z.**, Kropáč, K. (2014): Genesis of syntectonic hydrothermal veins in the igneous rock of teschenite association (Outer Western Carpathians, Czech Republic): growth mechanism and origin of fluids. Geologica Carpathica, 65, 6, 419–431. doi: 10.1515/geoca-2015-0003
WoS: IF_{2013}: 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 uman kidney stones using ablation inductively-coupled plasma-mass spectrometry: Possibilities and limitations. Spectrochimica Acta Part B: Atomic Spectroscopy, 100, 105–115. doi: 10.1016/j.sab.2014.08.024
WoS: IF_{2013}: 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. doi: 10.1016/j.sab.2014.08.036
WoS: IF_{2013}: 3,150; Q1 (8/44) in Spectroscopy; počet citací: 33

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. doi: 10.1016/j.jas.2014.05.028
WoS: IF_{2013}: 2,139; Q2 (56/174) in Geosciences, Multidisciplinary; počet citací: 9

Wright, D., Nejman, L., d'Errico, F., Králík, M., Wood, R., **Ivanov, M.**, **Hladilová, Š.** (2014): An Early Upper Palaeolithic decorated bone tubular rod from Pod Hradem Cave, Czech Republic. Antiquity, 88, 339, 30–46. doi: 10.1017/S0003598X00050201
WoS: IF_{2013}: 1,594; Q1 (16/82) in Anthropology; počet citací: 11

Zachariáš, J., Morávek, P., **Gadas, P.**, Pertoldová, J. (2014): The Mokrsko-West gold deposit, Bohemian Massif, Czech Republic: Mineralogy, deposit setting and classification. Ore Geology Reviews, 58, 238–263. doi: 10.1016/j.oregeorev.2013.11.005
WoS: IF_{2013}: 3,383; Q1 (3/44) in Geology; Q1 (4/27) in Mineralogy; Q1 (1/21) in Mining & Mineral Processing; počet citací: 27

Zvěřina, O., Coufalík, P., Komárek, J., **Gadas, P.**, Sysalová, J. (2014): Mercury associated with size-fractionated urban particulate matter: three years of sampling in Prague, Czech Republic. Chemical Papers, 68, 2, 197–202. doi: 10.2478/s11696-013-0436-3
WoS: IF_{2013}: 1,193; Q3 (89/148) in Chemistry, Multidisciplinary; počet citací: 4

2013 (celkem 37 článků, 15 studentů spoluautorů – červeně)

Bábek, O., **Kalvoda, J.**, Cossey, P., **Šimíček, D.**, Devuyst, F., Hargreaves, S. (2013): Facies and petrophysical signature of the Tournaisian/Viséan (Lower Carboniferous) sea-level cycle in carbonate ramp to basinal settings of the Wales-Brabant massif, British Isles. Sedimentary Geology, 284-285, 1, 197–213. doi: 10.1016/j.sedgeo.2012.12.008
WoS: IF_{2012}: 1,802; Q1 (11/47) in Geology; počet citací: 25

Bačík, P., Cempírek, J., Uher, P., **Novák, M.**, Ozdín, D., Filip, J., **Škoda, R.**, **Breiter, K.**, Klementová, M., Ďuďa, R., Groat, L. (2013): Oxy-schorl, $Na(Fe^{2+}{}_2Al)Al_6Si_6O_{18}(BO_3)_3(OH)_3O$, a new mineral from Zlatá Idka, Slovak Republic and Přibyslavice, Czech Republic. American Mineralogist, 98, 485–492. doi: 10.2138/am.2013.4293
WoS: IF_{2012}: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 28

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. doi: 10.1016/j.tecto.2013.07.020
WoS: IF_{2012}: 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 Bítovánky, Czech Republic. Journal of Geosciences, 58, 149–162. doi: 10.3190/jgeosci.139
WoS: IF_{2012}: 0,804; Q4 (134/172) in Geosciences, Multidisciplinary; počet citací: 22

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. doi: 10.3190/jgeosci.138
WoS: IF_{2012}: 0,804; Q4 (134/172) in Geosciences, Multidisciplinary; počet citací: 23

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. doi: 10.1127/0077-7757/2013/0244

WoS: IF_{2012}: 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. doi: 10.5038/1827-806X.42.2.3
WoS: IF_{2012}: 1,344; Q3 (93/172) in Geosciences, Multidisciplinary; počet citací: 18

Faměra, M., **Bábek, O.**, Matys Grygar, T., Nováková, T. (2013): Distribution of heavy-metal contamination in regulated river-channel deposits: a magnetic susceptibility and grain-sie approach; River Morava, Czech Republic. Water, Air and Soil Polution, 224, 5, nestránkováno. doi: 10.1007/s11270.013-1525-1
WoS: IF_{2012}: 1,748; Q3 (106/210) in Environmental Sciences; Q2 (37/74) in Meteorology & Atmospheric Sciences; Q2 (27/80) in Water Resources; počet citací: 20

Fejfarová, K., Dušek, M., Plášil, J., Čejka, J., Sejkora, J., **Škoda, R.** (2013): Reinvestigation of the crystal structure of kasolite, $Pb[(UO_2)(SiO_4)](H_2O)$, an important alteration product of uraninite, UO_{2+x}. Journal of Nuclear Materials, 434, 1-3, 461–467. doi: 10.1016/j.jnucmat.2010.11.064
WoS: IF_{2012}: 1,211; Q3 (125/241) in Materials Science, Multidisciplinary; Q2 (9/34) in Nuclear Science & Technology; Q1 (4/20) in Mining & Mineral Processing; počet citací: 9

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. doi: 10.1007/s00710-012-0232-8
WoS: IF_{2012}: 1,681; Q2 (9/26) in Mineralogy; Q2 (34/76) in Geochemistry & Geophysics; počet citací: 8

Hanuláková, D., **Zeman, J.**, Vašíček, R., Přikryl, 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. doi: 10.1016/j.clay.2013.06.006
WoS: IF_{2012}: 2,342; Q2 (52/241) in Materials Science, Multidisciplinary; Q1 (5/26) in Mineralogy; Q2 (59/135) in Chemistry, Physical; počet citací: 6

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. doi: 10.2138/am.2013.614
WoS: IF_{2012}: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 11

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. doi: 10.1016/j.inoche.2013.10.003
WoS: IF_{2012}: 2,016; Q2 (16/44) in Chemistry, Inorganic & Nuclear; počet citací: 2

Kuta, J., Machát, J., Benová, D., Červenka, R., **Zeman, J.**, Martinec, P. (2013): Association of minor and trace elements with mineralogical constituents of urinary stones: A hard nut to crack in existing studies of urolithiasis. Environmental Geochemistry and Health, 35, 4, 511–522. doi: 10.1007/s10653-013-9511-5
WoS: IF_{2012}: 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: 14

Lenz, Ch., **Talla, D.**, Ruschel, K., **Škoda, R.**, Goetze, J., Nasdala, L. (2013): Factors affecting the Nd^{3+} (REE^{3+}) luminescence of minerals. Mineralogy and Petrology, 107, 3, 415–428. doi: 10.1007/s00710-013-0286-2
WoS: IF_{2012}: 1,681; Q2 (9/26) in Mineralogy; Q2 (34/76) in Geochemistry & Geophysics; počet citací: 26

Losos, Z., **Kovář, O.**, Houzar, S., **Zeman, J.** (2013): Rare hydrated Mg-carbonate-hydroxide assemblage of serpentinite fissures in Hrubšice, western Moravia (Czech Republic): a genetic model of its formation. Neues Jahrbuch für Mineralogie - Abhandlungen, 190, 3, 253–263. doi: 10.1127/0077-7757/2013/0242
WoS: IF_{2012}: 0,755; Q4 (22/26) in Mineralogy; počet citací: 4

Nejman, L., Wright, D., **Lisá, L.**, **Doláková, N.**, Horáček, I., Novák, J., Wood, R., Pacher, M., Sázelová, S., Holub, M., **Přichystal, A.**, Nývltová Fisáková, M., Bajer, A. (2013): Hominids and palaeoenvironments in the Moravian Karst during Marine Isotope Stage 3: new excavations in Pod Hradem Cave, Czech Republic. Antiquity, 87, 337. doi: neuvedeno
WoS: IF_{2012}: 1,439; Q2 (24/83) in Anthropology; počet citací: 0

Nerudová, Z., Neruda, P., **Přichystal, A.** (2013): A unique raw material from Early Upper Palaeolithic layers in the Pod hradem Cave (Moravian Karst, Czech Republic) – interpretative problems. Anthropologie, 50, 4, 463–474. doi: neuvedeno
WoS: IF_{2012}: 0,553; Q3 (46/83) in Anthropology; počet citací: 0

Novák, M., Ertl, A., Povondra, P., Vašinová Galiová, M., Rossman, G.R., Pristacz, H., Prem, M., Giester, G., **Gadas, P.**, **Škoda, R.** (2013): Darrellhenryite, $Na(LiAl_2)Al_6(BO_3)_3Si_6O_{18}(OH)_3O$, a new mineral from the tourmaline supergroup. American Mineralogist, 98, 1886–1892. doi: 10.2138/am.2013.4416
WoS: IF_{2012}: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 14

Novák, M., **Kadlec, T.**, **Gadas, P.** (2013): Geological position, mineral assemblages and contamination of granitic pegmatites in the Moldanubian Zone, Czech Republic; examples from the Vlastějovice region. Journal of Geosciences, 58, 21–47. doi: 10.3190/jgeosci.132
WoS: IF_{2012}: 0,804; Q4 (134/172) in Geosciences, Multidisciplinary; počet citací: 19

Ondruš, P., Skála, R., Plášil, J., Sejkora, J., Veselovský, F., Čejka, J., Kallistova, A., Hloušek, J., Fejfarová, K., **Škoda, R.**, Dušek, M., Gabašová, A., Machovič, V., Lapčák, L. (2013): Svenekite, $Ca[AsO_2(OH)_2]_2$, a new mineral from Jáchymov, Czech Republic. Mineralogical Magazine, 2013, 77, 6, 2711–2724. doi: 10.1180/minmag.2013.077.6.02
WoS: IF_{2012}: 2,212; Q1 (6/26) in Mineralogy; počet citací: 2

Pánek, T., Smolková, V., Hradecký, J., **Sedláček, J.**, Zernitskaya, V., Kadlec, J., Pazdur, A., Řehánek, T. (2013): Late-Holocene evolution of a floodplain impounded by the Smrduta landslide, Carpathian Mountains (Czech Republic). Holocene, 23, 2, 218–229. doi: 10.1177/0959683612455539
WoS: IF_{2012}: 3,218; Q1 (8/45) in Geography, Physical; Q1 (22/172) in Geosciences, Multidisciplinary; počet citací: 10

Petřík, J., Vostrovská, I. (2013): Evolution of the scientific approach to prehistoric pottery in the area of the former Czechoslovakia. Anthropologie, 51, 2, 301–322. doi: neuvedeno
WoS: IF_{2012}: 0,553; Q3 (46/83) in Anthropology; počet citací: 0

Plášil J., Fejfarová, K., Dušek, M., **Škoda, R.**, Rohlíček, J. (2013): Revision of the symmetry and the crystal structure of čejkaite, $Na_4(UO_2)(CO_3)_3$. American Mineralogist, 2013, 98, 4, 549–553. doi: 10.2138/am.2013.4331
WoS: IF_{2012}: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 6

Plášil, J., Fejfarová, K., Čejka, J., Dušek, M., **Škoda, R.**, Sejkora, J. (2013): Revision of the crystal structure and chemical formula of haiweeite, $Ca(UO_2)_2(Si_5O_{12})(OH)_2 \cdot 6H_2O$. American Mineralogist 98, 4, 718–723. doi: 10.2138/am.2013.4284
WoS: IF_{2012}: 2,204; Q2 (7/26) in Mineralogy; Q2 (25/76) in Geochemistry & Geophysics; počet citací: 11

Plášil, J., Fejfarová, K., **Škoda, R.**, Dušek, M., Marty, J., Čejka, J. (2013): The crystal structure of magnesiozippeite, $Mg[(UO_2)_2O_2(SO_4)](H_2O)_{3.5}$, from East Saddle Mine, San Juan County, Utah (USA). Mineralogy and Petrology, 107, 2, 211–219. doi: 10.1007/s00710-012-0241-7
WoS: IF_{2012}: 1,681; Q2 (9/26) in Mineralogy; Q2 (34/76) in Geochemistry & Geophysics; počet citací: 14

Plášil, J., Fejfarová, K., Hloušek, J., **Škoda, R.**, **Novák, M.**, Sejkora, J., Čejka, J., Dušek M., Veselovský, F., Ondruš, P., Majzlan, J., Mrázek Z. (2013): Štěpite, $U(AsO_3OH)_2 \cdot 4H_2O$, from Jáchymov, Czech Republic: the first natural arsenate of tetravalent uranium. Mineralogical Magazine, 77, 1, 137–152. doi: 10.1180/minmag.2013.077.1.12
WoS: IF_{2012}: 2,212; Q1 (6/26) in Mineralogy; počet citací: 9

Plášil, J., Hloušek, J., **Škoda, R.**, **Novák, M.**, Sejkora, J., Čejka, J., Veselovský, F., Majzlan, J. (2013): Vysokýite, $U^{4+}[AsO_2(OH)_2]_4 \cdot 4H_2O$, a new mineral from Jáchymov, Czech Republic. Mineralogical Magazine, 77, 8, 3055–3066. doi: 10.1180/minmag.2013.077.8.01
WoS: IF_{2012}: 2,212; Q1 (6/26) in Mineralogy; počet citací: 5

Plášil, J., Kampf, A., Kasatkin, A.V., Marty, J., **Škoda, R.**, Silva, S., Čejka, J. (2013): Meisserite, $Na_5(UO_2)(SO_4)_3(SO_3OH)(H_2O)$, a new uranyl sulfate mineral from the Blue Lizard mine, San Juan County, Utah, USA. Mineralogical Magazine, 77, 7, 2975–2988. doi: 10.1180/minmag.2013.077.7.07

WoS: IF_{2012}: 2,212; Q1 (6/26) in Mineralogy; počet citací: 23

Plášil, J., Kasatkin, A.V., **Škoda, R.**, **Novák, M.**, Kallistová, A., Dušek, M., Skála, R., Fejfarová, K., Čejka, J., Meisser, N., Goethals, H., Machovič, V., Lapčák, L. (2013): Leydetite, $Fe(UO_2)(SO_4)_2(H_2O)_{11}$, a new uranyl sulfate mineral from Mas d'Alary, Lodeve, France. Mineralogical Magazine, 77, 4, 429–441. doi: 10.1180/minmag.2013.077.4.03
WoS: IF_{2012}: 2,212; Q1 (6/26) in Mineralogy; počet citací: 15

Ptáček, J., **Melichar, R.**, Hájek, A., Koníček, P., Souček, K., Stas, L., Kříž, P., Lazarek, J. (2013): Structural analysis within the Rožná and Olší uranium deposits (Strážek Moldanobicum) for the estimation of deformation and stress conditions of underground gas storage. Acta Geodynamica et Geomaterialia, 10, 2, 237–247. doi: 10.13168/AGG.2013.0024
WoS: IF_{2012}: neuvedeno; počet citací: 4

Talla, D., Wildner, M., Beran, A., **Škoda, R.**, **Losos, Z.** (2013): On the presence of hydrous defects in differently coloured wulfenites ($PbMoO_4$): an infrared and optical spectroscopic study. Physics and Chemistry of Minerals, 40, 757–769. doi: 10.1007/s00269-013-0610-8
WoS: IF_{2012}: 1,304; Q2 (113/241) in Materials Science, Multidisciplinary; Q2 (11/26) in Mineralogy; počet citací: 3

Ulrych, J., Ackerman, L., Balogh, K., Hegner, E., Jelínek, E., Pécskay Z., **Přichystal, A.**, Upton, B. G. J., Zimák, J., Foltýnová, R. (2013): Plio-Pleistocene basanitic and melilititic series of the Bohemian Massif: K-Ar ages, major/trace element and Sr-Nd isotopic data. Chemie der Erde - Geochemistry, 73, 429–450. doi: 10.1016/j.chemer.2013.02.001
WoS: IF_{2012}: 1,351; Q3 (45/76) in Geochemistry & Geophysics; počet citací: 27

Uher, P., **Škoda, R.**, London, D. (2013): Foreword to the thematic set on „Granitic pegmatites: mineralogy and evolution (a special issue honoring the 60th birthday of Prof. Milan Novák)". Journal of Geosciences, 58, 2, 77–78. doi: 10.3190/jgeosci.143
WoS: IF_{2012}: 0,804; Q4 (134/172) in Geosciences, Multidisciplinary; počet citací: 0

Vašinová Galiová, M., Nývltová Fišáková, M., Kynický, J., Prokeš, L., Neff, H., Mason, A.Z., **Gadas, P.**, Košler, J., Kanický, V. (2013): Elemental mapping in fossil tooth root section of *Ursus arctos* by laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS). Talanta, 105, 235–243. doi: 10.1016/j.talanta.2012.12.037
WoS: IF_{2012}: 3,498; Q1 (12/75) in Chemistry, Analytical; počet citací: 22

Vlačiky, M., Michalík, T., Nývltová Fišáková, M., Nývlt, D., Moravcová M., Králík, M., Kovanda, J., Péková, K., **Přichystal, A.**, **Dohnalová, A.** (2013): Gravettian occupation of the Beckov Gate in Western Slovakia as viewed from the interdisciplinary research of the Trenčianske Bohuslavice-Pod Tureckom site. Quaternary International, 294, 41–60. doi: 10.1016/j.quaint.2011.09.004
WoS: IF_{2012}: 1,962; Q2 (21/45) in Geography, Physical; Q2 (58/172) in Geosciences, Multidisciplinary; počet citací: 13

Wiśniewski, A., Adamiec, G., Badura, J., Bluszcz, A., Kowalska, A., Kufel-Diakowska, B., Mikołajczyk, A., Murczkiewicz, M., **Musil, R.**, Przybylski, B., Skrzypek, G., Stefaniak, K., Zych, J. (2013): Occupation dynamics north of the Carpathians and Sudetes during the Weichselian (MIS5d-3): The Lower Silesia (SW Poland) case study. Quaternary International 294, 20–40. doi: 10.1016/j.quaint.2011.09.016
WoS: IF_{2012}: 1,962; Q2 (21/45) in Geography, Physical; Q2 (58/172) in Geosciences, Multidisciplinary; počet citací: 14

2012 (celkem 36 článků, 16 studentů spoluautorů – červeně)

Bačík, P., Uher, P., **Cempírek, J.**, Valucovič, T. (2012): Magnesian tourmalines from plagioklase-muscovite-scapolite metaevaporite leayers in dolomite marble near Prosetin (Olesnice Unit, Moravicum, Czech Republic). Journal of Geosciences, 57, 3, 143–153. doi: 10.3190/jgesoci.120
WoS: IF_{2011}: 1,279; Q3 (89/170) in Geosciences, Multidisciplinary; počet citací: 12

Bermanec, V., Horvat, M., Gobac, Ž.Ž., Zebec, V., Scholz, R., **Škoda, R.**, Wegner, R., de Brito Barreto, S., Dódony, I. (2012): Pseudomorphs of low microcline after adularia fourlings from the Alto da Cabeça (Boqueirão) and Morro Redondo pegmatites, Brazil. Canadian Mineralogist, 50, 4, 975–987. doi: 10.3749/canmin.50.4.975
WoS: IF_{2011}: 1,115; Q3 (16/26) in Mineralogy; počet citací: 2

Breiter, K., Svojtka, M., Ackerman, L., **Švecová, K.** (2012): Trace element composition of quartz from the Variscan Teplice caldera (Krušné hory/Erzgebirge Mts., Czech Republic/Germany): Insights into the volcano-plutonic complex evolution. Chemical Geology, 326-327, 36–50. doi: 10.1016/j.chemgeo.2012.07.028
WoS: IF_{2011}: 3,518; Q1 (7/76) in Geochemistry & Geophysics; počet citací: 34

Breiter, K., **Škoda, R.** (2012): Vertical zonality of fractionated granite plutons reflected in zircon chemistry: the Cínovec A-type versus the Beauvoir S-type suite. Geologica Carpathica, 63, 5, 383–398. doi: 10.2478/v10096-012-0030-6
WoS: IF_{2011}: 0,787; Q4 (132/170) in Geosciences, Multidisciplinary; počet citací: 21

Černý, P., London, D., **Novák, M.** (2012): Granitic pegmatites as reflections of their sources. Elements, 8, 289–294. doi: 10.2113/gselements.8.4.289
WoS: IF_{2011}: 2,423; Q1 (5/26) in Mineralogy; Q2 (21/176) in Geochemistry & Geophysics; počet citací: 92

Dill, H.G., **Škoda, R.**, Weber, B., Berner, Z.A., Müller, A., Bakker, R.J. (2012): A newly discovered swarm of shear-zone-hosted Bi–As–Fe–Mg–P-rich aplites and pegmatites in the Hagendorf–Pleystein pegmatite province, Southeastern Germany: A step closer to the metamorphic root of pegmatites. Canadian Mineralogist, 50, 4, 943–974. doi: 10.3749/canmin.50.4.943
WoS: IF_{2011}: 1,115; Q3 (16/26) in Mineralogy; počet citací: 14

Dosbaba, M., **Novák, M.** (2012): Quartz replacement by "kerolite" in graphic quartz-feldspar intergrowths from the Věžná I pegmatite, Czech Republic; A complex desilicification process related to episyenitization. Canadian Mineralogist, 50, 6, 1609–1622. doi: 10.3749/canmin.50.6.1609
WoS: IF_{2011}: 1,115; Q3 (16/26) in Mineralogy; počet citací: 8

Faimon, J., Ličbinská, M., Zajíček, P., **Sracek, O.** (2012): Partial pressures of CO_2 in epikarstic zone deduced from hydrogeochemistry of permanent drips, the Moravian Karst, Czech Republic. Acta Carsologica, 41, 1, 47–57. doi: neuvedeno
WoS: IF_{2011}: 0,757; Q4 (136/170) in Geosciences, Multidisciplinary; počet citací: 27

Faimon, J., **Troppová, D.**, **Baldík, V.**, Novotný, R. (2012): Air circulation and its impact on microclimatic variables in the Císařská Cave (Moravian Karst, Czech Republic). International Journal of Climatology, 32, 599–623. doi: 10.1002/joc.2298
WoS: IF_{2011}: 2,906; Q1 (17/71) in Meteorology & Atmospheric Sciences; počet citací: 44

Faimon, J., Ličbinská, M., Zajíček, P. (2012): Relationship between carbon dioxide in Balcarka Cave and adjacent soils in the Moravian Karst region of the Czech Republic. International Journal of Speleology, 41, 1, 17–28. doi: 10.5038/1827-806X.41.1.3
WoS: IF_{2011}: 2,000; Q2 (48/170) in Geosciences, Multidisciplinary; počet citací: 24

Fejfarová, K., **Plášil, J.**, Yang, H., Čejka, J., Dušek, M., Downs, R.T., Barkley, M.C., **Škoda, R.** (2012): Revision of the crystal structure and chemical formula of weeksite, $K_2(UO_2)_2(Si_5O_{13})$. $4H_2O$. American Mineralogist, 97, 750–754. doi: 10.2138/am.2012.4025
WoS: IF_{2011}: 2,169; Q1 (6/26) in Mineralogy; Q2 (26/76) in Geochemistry & Geophysics; počet citací: 4

Filip, J., Bosi, F., **Novák, M.**, Skogby, H., Tuček, J., Čuda, J., Wildner, M. (2012): Iron redox reactions in the tourmaline structure: High-temperature treatment of Fe^{3+}-rich schorl. Geochimica et Cosmochimica Acta, 86, 239–256. doi: 10.1016/j.gca.2012.02.031
WoS: IF_{2011}: 4,259; Q1 (3/76) in Geochemistry & Geophysics; počet citací: 48

Gadas, P., **Novák, M.**, **Staněk, J.**, Filip, J., Vašinová Galiová, M. (2012): Compositional evolution of zoned tourmaline crystals from pockets in common pegmatites, the Moldanubian Zone, Czech Republic. Canadian Mineralogist, 50, 4, 895–912. doi: 10.3749/canmin.50.4.895
WoS: IF_{2011}: 1,115; Q3 (16/26) in Mineralogy; počet citací: 19

Galliski, M.Á., Márquez-Zavalía, M.F., Lira, R., Cempírek, J., **Škoda, R.** (2012): Mineralogy and origin of the dumortierite-bearing pegmatites of Virorco, San Luis, Argentina. Canadian Mineralogist, 50, 4, 873–894. doi: 10.3749/canmin.50.4.873
WoS: IF_{2011}: 1,115; Q3 (16/26) in Mineralogy; počet citací: 12

Kalvoda, J., **Bábek, O.**, Aretz, M., Cossey, P., Devuyst, F.X., Hargreaves, S., Nudds, J. (2012): High resolution biostratigraphy of the Tournaisian-Viséan boundary interval in the North Staffordshire Basin and correlation with the South Wales-Mendip Shelf. Bulletin of Geosciences, 87, 3, 497–541. doi: 10.3140/bull.geosci.1338
WoS: IF_{2011}: 1,099; Q3 (102/170) in Geosciences, Multidisciplinary; Q2 (24/49) in Paleontology; počet citací: 4

Kropáč, K., **Buriánek, D.**, Zimák, J. (2012): Origin and metamorphic evolution of Fe-Mn-rich garnetites (coticules) in the Desná Unit (Silesicum, NE Bohemian Massif). Chemie der Erde - Geochemistry, 72, 3, 219–236. doi: 10.1016/j.chemer.2011.11.002
WoS: IF_{2011}: 1,447; Q3 (39/76) in Geochemistry & Geophysics; počet citací: 3

Kučera, J., **Zeman, J.**, Mandl, M., Černá H. (2012): Stoichiometry of bacterial anaerobic oxidation of elemental sulfur by ferric iron. Antonie van Leeuwenhoek International Journal of General and Molecular Microbiology, 101, 4, 919–922. doi: 10.1007/s10482-012-9699-x
WoS: IF_{2011}: 2,091; Q4 (98/125) in Microbiology; počet citací: 9

Majzlan, J., Drahota, P., Filippi, M., Grevel, K.-D., Kahl, W.-A., **Plášil, J.**, Boerio-Goates, J., Woodfield, B.F. (2012): Thermodynamic properties of scorodite and parascorodite ($FeAsO_4 . 2H_2O$), kaňkite ($FeAsO4 . 3.5H_2O$), and $FeAsO_4$. Hydrometallurgy, 117-118, 47–56. doi: 10.1016/j.hydromet.2012.02.002
WoS: IF_{2011}: 2,027; Q1 (5/75) in Metallurgy & Metallurgical Engineering; počet citací: 37

Majzlan, J., Lazic, B., Armbruster, T., Johnson, M.B., White, M.A., Fisher, R.A., **Plášil, J.**, **Loun, J.**, **Škoda, R.**, **Novák, M.** (2012): Crystal structure, thermodynamic properties, and paragenesis of bukovskýite, $Fe_2(AsO_4)(SO_4)(OH) . 9H_2O$. Journal of Mineralogical and Petrological Sciences, 107, 3, 133–148. doi: 10.2465/jmps.110930
WoS: IF_{2011}: 0,607; Q4 (23/26) in Mineralogy; počet citací: 17

Matys Grygar, T., **Sedláček, J.**, **Bábek, O.**, Nováková, T., Strnad, L., Mihaljevič, M. (2012): Regional contamination of Moravia (South-Eastern Czech Republic): Temporal shift of Pb and Zn loading in fluvial sediments. Water Air and Soil Pollution 223, 2, 739–753. doi: 10.1007/s11270-011-0898-2
WoS: IF_{2011}: 1,625; Q2 (101/205) in Environmental Sciences; Q3 (37/71) in Meteorology & Atmospheric Sciences; Q2 (24/78) in Water Resources; počet citací: 28

Melleton, J., Gloaguen, E., Frei, D., **Novák, M.**, **Breiter, K.** (2012): How are the emplacement of rare-element pegmatites, regional metamorphism and magmatism interrelated in the Moldanubian Domain of Variscan Bohemian Massif, Czech Republic? Canadian Mineralogist, 50, 6, 1751–1773. doi: 10.3749/canmin.50.6.1751
WoS: IF_{2011}: 1,115; Q3 (16/26) in Mineralogy; počet citací: 44

Nehyba, S., Roetzel, R., Maštera, L. (2012): Provenance analysis of the Permo-Carboniferous fluvial sandstones of the southern part of the Boskovice Basin and the Zöbing Area (Czech Republic, Austria): implication for paleogeographical reconstructions of the post-Variscan collapse basins. Geologica Carpathica, 63, 5, 365–382. doi: 10.2478/v10096-012-0029-z
WoS: IF_{2011}: 0,787; Q4 (132/170) in Geosciences, Multidisciplinary; počet citací: 12

Novák, M., **Škoda, R.**, **Gadas, P.**, **Krmíček, L.**, Černý, P. (2012): Contrasting origins of the mixed signature in granitic pegmatites; examples from the Moldanubian Zone, Czech Republic. Canadian Mineralogist, 50, 4, 1077–1094. doi: 10.3749/canmin.50.4.1077
WoS: IF_{2011}: 1,115; Q3 (16/26) in Mineralogy; počet citací: 39

Plášil, J., Fejfarová, K., Skála, R., **Škoda, R.**, Meisser, N., Hloušek, J., Císařová, I., Dušek, M., Veselovský, F., Čejka, J., Sejkora, J., Ondruš, P. (2012): The crystal chemistry of the uranyl carbonate mineral grimselite, $(K,Na)_3Na[(UO_2)(CO_3)_3](H_2O)$, from Jáchymov, Czech Republic. Mineralogical Magazine, 76, 446–453. doi: 10.1180/minmag.2012.076.3.01
WoS: IF_{2011}: 1,321; Q2 (12/26) in Mineralogy; počet citací: 5

Plášil, J., Fejfarová, K., Wallwork, K.S., Dušek, M., **Škoda, R.**, Sejkora, J., Čejka, J., Veselovský, F., Hloušek, J., Meisser, N., Brugger, J. (2012): Crystal structure of pseudojohannite, with a revised formula, $Cu_3(OH)_2[(UO_2)_4O_4(SO_4)_2](H_2O)_{12}$. American Mineralogist, 97, 1796–1803. doi: 10.2138/am.2012.4127
WoS: IF_{2011}: 2,169; Q1 (6/26) in Mineralogy; Q2 (26/76) in Geochemistry & Geophysics; počet citací: 17

Plášil, J., Hauser, J., Petříček, V., Meisser, N., Mills, S.J., **Škoda, R.**, Fejfarová, K., Čejka, J., Sejkora, J., Hloušek, J., Johannet, J.-M., Machovič, V., Lapčák, L. (2012): Crystal structure and formula revision of deliensite, $Fe[(UO_2)_2(SO_4)_2(OH)_2](H_2O)_7$. Mineralogical Magazine, 76, 2837–2860. doi: 10.1180/minmag.2012.076.7.14
WoS: IF_{2011}: 1,321; Q2 (12/26) in Mineralogy; počet citací: 18

Plášil, J., Hloušek, J., Veselovský, F., Fejfarová, K., Dušek, M., **Škoda, R.**, **Novák, M.**, Čejka, J., Ondruš, P. (2012): Adolfpateraite, $K[(UO_2)(SO_4)(OH)(H_2O)]$, a new uraqnyl sulphate mineral from Jáchymov, Czech Replublic. American Mineralogist, 97, 2-3, 447–454. doi: 10.2138/am.2012.3976
WoS: IF_{2011}: 2,169; Q1 (6/26) in Mineralogy; Q2 (26/76) in Geochemistry & Geophysics; počet citací: 26

Rak, Š., **Kalvoda, J.**, Devuyst, F.X. (2012): New Mississippian trilobite association from the Brno vicinity. Geologica Carpathica, 63, 3, 1891–190. doi: 10.2478/v10096-012-0015-5
WoS: IF_{2011}: 0,787; Q4 (132/170) in Geosciences, Multidisciplinary; počet citací: 3

Ruschel, K., Nasdala, L., Kronz, A., Hanchar, J. M., Többens, D. M., **Škoda, R.**, Finger, F., Möller, A. (2012): A Raman spectroscopic study on the structural disorder of monazite–(Ce). Mineralogy and Petrology, 105, 1-2, 41–55. doi: 10.1007/s00710-012-0197-7
WoS: IF_{2011}: 1,278; Q3 (14/26) in Mineralogy; Q3 (46/76) in Geochemistry & Geophysics; počet citací: 48

Sedláček, J., Bábek, O., Matys Grygar, T. (2012): Trends and evolution of contamination in a well-dated water reservoir sedimentary archive: the Brno Dam, Moravia, Czech Republic. Environmental Earth Sciences, 69, 8, 2581–2593. doi: 10.1007/s12665-012-2089-x
WoS: IF_{2011}: 1,059; Q3 (140/205) in Environmental Sciences; Q3 (106/170) in Geosciences, Multidisciplinary; Q3 (42/78) Water Resources; počet citací: 17

Slobodník, M., **Melichar R.**, Hurai V., Bakker R. (2012): Litho-stratigraphic effect on Variscan fluid flow within the Prague synform, Barrandian: Evidence based on C, O, Sr isotopes and fluid inclusions. Marine and Petroleum Geology, 35, 128–138. doi: 10.1016/j.marpetgeo.2012.01.003
WoS: IF_{2011}: 2,104; Q2 (44/170) in Geosciences, Multidisciplinary; počet citací: 6

Svoboda, J., **Hladilová, Š.**, **Ivanov, M.**, Sázelová, S. (2012): Mladeč is not a dead site. Supplementary evidence from the 2009-2011 survey. Anthropologie, XLIX, 2, 109–115. doi: neuvedeno
WoS: IF_{2011}: 0,690; Q2 (35/81) in Anthropology; počet citací: 0

Šimíček, D., **Bábek, O.**, **Leichmann, J.** (2012): Outcrop gamma-ray logging of siliciclastic turbidites: Separating the detrital provenance signal from facies in the foreland-basin turbidites of the Moravo-Silesian basin, Czech Republic. Sedimentary Geology, 261, 50–64. doi: 10.1016/j.sedgeo.2012.03.003
WoS: IF_{2011}: 1,537; Q2 (13/47) in Geology; počet citací: 20

Škoda, R., Cempírek, J., Filip, J., **Novák, M.**, Veselovský, F., Čtvrtlík, R. (2012): Allanite-(Nd), $CaNdAl_2Fe^{2+}(SiO_4)(Si_2O_7)O(OH)$, a new mineral from Åskagen, Sweden. American Mineralogist, 97, 5-6, 983–988. doi: 10.2138/am.2012.3936
WoS: IF_{2011}: 2,169; Q1 (6/26) in Mineralogy; Q2 (26/76) in Geochemistry & Geophysics; počet citací: 12

Šťastná, A., Sachlová, S., Pertold, Z., Přikryl, R., **Leichmann, J.** (2012): Cathodoluminescence microscopy and petrographic image analysis of aggregates in concrete pavements affected by alkali-silica reaction. Materials Characterization, 65, 115–125. doi: 10.1016/j.matchar.2012.01.008
WoS: IF_{2011}: 1,572; Q1 (3/32) in Materials Science, Characterization & Testing; počet citací: 8

Zágoršek, K., **Nehyba, S.**, Petrova-Tomanova, P., Hladilová, Š., Bitner, M.A., **Doláková, N.**, **Hrabovský, J.**, Jašková, V. (2012): Local catastrophe caused by tephra input near Premyslovice (Moravia, Czech Republic) during the Middle Miocene. Geological Quarterly, 56, 2, 269–283. doi: 10.7306/gq.1021

WoS: IF_{2011}: 0,844; Q3 (27/47) in Geology; počet citací: 15

2011 (celkem 33 článků, 26 studentů spoluautorů – červeně)

Bábek, O., **Faměra, M.**, Hilscherová, K., **Kalvoda, J.**, Dobrovolný, P., **Sedláček, J.**, Machát, J., Holoubek, I. (2011): Geochemical traces of flood layers in the fluvial sedimentary archive; implications for contamination history analyses. Catena, 87, 2, 281–290. doi: 10.1016/j.catena.2011.06.014
WoS: IF_{2010}: 1,893; Q2 (12/32) in Soil Science; Q1 (13/76) in Water Resources; Q2 (55/167) in Geosciences, Multidisciplinary; počet citací: 35

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. doi: 10,1016/j.quascirev.2011.01.009
WoS: IF_{2010}: 4,567; Q1 (2/42) in Geography, Physical; Q1 (6/167) in Geosciences, Multidisciplinary; počet citací: 30

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. doi: 10.1016/j.lithos.2011.08.001
WoS: IF_{2010}: 3,121; Q1 (3/27) in Mineralogy; Q1 (13/77) in Geochemistry & Geophysics; počet citací: 25

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. doi: 10.2138/am.2011.3636
WoS: IF_{2010}: 2,026; Q2 (7/27) in Mineralogy; Q2 (27/77) in Geochemistry & Geophysics; počet citací: 304

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. doi: 10.1016/j.apsusc.2010.09.029
WoS: IF_{2010}: 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-richand Li,B-poor dike. Mineralogy and Petrology, 102, 1-4, 15–27. doi: 10.1007/s00710-011-0163-9
WoS: IF_{2010}: 1,287; Q3 (15/27) in Mineralogy; Q3 (40/77) in Geochemistry & Geophysics; počet citací: 13

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. doi: 10.5252/g2011n3a2
WoS: IF_{2010}: 0,986; Q3 (30/48) in Paleontology; počet citací: 17

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. doi: 10.3140/bull.geosci.1265
WoS: IF_{2010}: 1,202; Q2 (24/48) in Paleontology; Q3 (88/167) in Geosciences, Multidisciplinary; počet citací: 9

Kocourková, E., **Sracek, 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. doi: 10.1016/j.gexplo.2011.02.009
WoS: IF_{2010}: 2,125; Q2 (24/77) in Geochemistry & Geophysics; počet citací: 29

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. doi: 10.1130/G31971.1
WoS: IF_{2010}: 4,026; Q1 (1/48) in Geology; počet citací: 98

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. doi: 10.2478/v10096-011-0020-0
WoS: IF_{2010}: 0,909; Q3 (115/167) in Geosciences, Multidisciplinary; počet citací: 17

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. doi: 10.1016/j.lithos.2010.10.005
WoS: IF_{2010}: 3,121; Q1 (3/27) in Mineralogy; Q1 (13/77) in Geochemistry & Geophysics; počet citací: 38

Kynický, J., Chakhmouradian, A.R., Xu, C., **Krmíček, L.**, Vašinová Galiová, M. (2011): Distribution and evolution of zirkonium mineralization in peralkaline granites and associated pegmatites of the Khan Bogd Complex, southern Mongolia. Canadian Mineralogist, 49, 4, 947–965. doi: 10.3749/canmin.49.4.947
WoS: IF_{2010}: 1,289; Q3 (14/27) in Mineralogy; počet citací: 31

Loun, J., Čejka, J., Sejkora, J., **Plášil, J.**, **Novák, M.**, Frost, R.L., Palmer, S.J., Keeffe, E.C. (2011): A Raman spectroscopic study of bukovskýite $Fe_2(AsO_4)(SO_4)(OH)$. $7H_2O$, a mineral phase with a significant role in arsenic migration. Journal of Raman Spectroscopy, 42, 1596–1600. doi: 10.1002/jrs.2900
WoS: IF_{2010}: 3,137; Q1 (9/42) in Spectroscopy; počet citací: 6

Mills, S.J., Kampf, A.R., Sejkora, J., Adams, P.M., Birch, W.D., **Plášil, J.** (2011): Iangreyite: a new secondary phosphate mineral closely related to perhamite. Mineralogical Magazine, 75, 2, 327–336. doi: 10.1180/minmag.2011.075.2.327
WoS: IF_{2010}: 0,949; Q3 (20/27) in Mineralogy; počet citací: 11

Mrázová, Š., **Gadas, P.** (2011): Obsidian balls (marekanite) from Cerro Tijerina, central Nicaragua: petrographic investigations. Journal of Geosciences, 56, 43–49. doi: 10.3190/jgeosci.086
WoS: IF_{2010}: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 2

Nehyba, S., Nývlt, D., Schadke, U., Kirchner, G., Franců, E. (2011): Depositional rates and dating techniques of modern deposits in the Brno reservoir (Czech Republic) during the last 70 years. Journal of Paleolimnology, 45, 1, 41–55. doi: 10.1007/s10933-010-9478-5
WoS: IF_{2012}: 2,676; Q1 (3/18) in Limnology; Q1 (44/193) in Environmental Sciences; Q1 (24/167) in Geosciences, Multidisciplinary; počet citací: 17

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. doi: neuvedeno
WoS: IF_{2010}: 0,400; Q4 (150/167) in Geosciences, Multidisciplinary; počet citací: 9

Novák, M., **Gadas, P.**, Filip, J., Vaculovič, T., **Přikryl, 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. doi: 10.1007/s00710-011-0157-7
WoS: IF_{2010}: 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. doi: 10.3749/canmin.49.1.359
WoS: IF_{2010}: 1,289; Q3 (14/27) in Mineralogy; počet citací: 62

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. doi: 10.2138/am.2011.3713
WoS: IF_{2010}: 2,026; Q2 (7/27) in Mineralogy; Q2 (27/77) in Geochemistry & Geophysics; počet citací: 33

Plášil, J., Fejfarová, K., **Novák, M.**, Dušek, M., **Škoda, R.**, Hloušek, J., Čejka, J., Majzlan, J., Sejkora, J., Machovič, V., **Talla, D.** (2011): Běhounekite, $U(SO_4)_2(H_2O)_4$, from Jáchymov (St. Joachimsthal), Czech Republic – the first U^{4+} sulphate known from nature. Mineralogical Magazine, 75, 2739–2753. doi: 10.1180/minmag.2011.075.6.2739
WoS: IF_{2010}: 0,949; Q3 (20/27) in Mineralogy; počet citací: 12

Plášil, J., Fejfarová, K., Mills, S.J., Čejka, J., Sejkora, J., **Novák, M.**, **Škoda, R.** (2011): The crystal structure of natural zippeite, $K_2[(UO_2)_4O_3(SO_4)_2](H_2O)_4$, from Jáchymov, Czech Republic. Canadian Mineralogist, 49, 711–725. doi: 10.3749/canmin.49.4.1089

WoS: IF_{2010}: 1,289; Q3 (14/27) in Mineralogy; počet citací: 22

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. doi: 10.1007/s00710-011-0152-z
WoS: IF_{2010}: 1,287; Q3 (15/27) in Mineralogy; Q3 (40/77) in Geochemistry & Geophysics; počet citací: 20

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. doi: 10.3190/jgeosci.100
WoS: IF_{2010}: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 8

Sejkora, J., Makovický, E., Topa, D., Putz, H., Zagler, G., **Plášil, J.** (2011): Litochlebite, $Ag_2PbBi_4Se_8$, a new selenide mineral species from Zálesí, Czech Republic: description and crystal-structure. Canadian Mineralogist, 49, 2, 639–650. doi: 10.3749/canmin.49.2.639
WoS: IF_{2010}: 1,289; Q3 (14/27) in Mineralogy; počet citací: 9

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. doi: 10.3190/jgeosci.107
WoS: IF_{2010}: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 4

Sejkora, J., **Plášil, J.**, Veselovský, F., Císařová, I., Hloušek, J. (2011): Ondrušite, $CaCu_4(AsO_4)_2(AsO_3OH)_2 \cdot 10H_2O$, a new mineral species from the Jáchymov ore district, Czech Republic: description and crystal-structure determination. Canadian Mineralogist, 49, 3, 885–897. doi: 10.3749/canmin.49.3.885
WoS: IF_{2010}: 1,289; Q3 (14/27) in Mineralogy; poče citací: 10

Sejkora, J., **Plášil, J.**, Filip, J. (2011): Plimerite from Krásno near Horní Slavkov ore district, Czech Republic. Journal of Geosciences, 56, 2, 215–229. doi: 10.3190/jgeosci.092
WoS: IF_{2010}: 1,026; Q3 (106/167) in Geosciences, Multidisciplinary; počet citací: 10

Svoboda, J., Bocheński, 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. doi: 10.1002/gea.20375
WoS: IF_{2010}: 0,886; Q3 (117/167) in Geosciences, Multidisciplinary; počet citací: 19

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. doi: 10.3190/jgeosci.101
WoS: IF_{2010}: 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) PO_4. American Mineralogist, 96, 1799–1808. doi: 10.2138/am.2011.3757
WoS: IF_{2010}: 2,026; Q2 (7/27) in Mineralogy; Q2 (27/77) in Geochemistry & Geophysics; počet citací: 12

Vlačiky, M., Nývlt, D., Michalík, T., Nývltová Fišáková, M., Moravcová, M., Králík, M., Kovanda, J., Péková, 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. doi: 10.1016/j.quaint.2011.09.004
WoS: IF_{2010}: 1,768; Q2 (18/42) in Geography, Physical; Q2 (59/167) in Geosciences, Multidisciplinary; počet citací: 13

2010 (celkem 39 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 Tourhnaisian-Visean boundary sections in Western Europe. Geologica Belgica, 13, 4, 291–308. doi: neuvedeno
WoS: IF_{2009}: 0,655; Q3 (30/49) in Geology; počet citací: 25

Beran, A., **Talla, D.**, **Losos, Z.**, Pinkas, J. (2010): Traces of structural H_2O molecules in baryte. Physics and Chemistry of Minerals, 37, 3, 159–166. doi: 10.1007/s00269-009-0320-4
WoS: IF_{2009}: 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 bioluminiscence assay for the contact sediment toxicity testing - relationships with the matrix composition and contamination. Environmental Toxicology and Chemistry, 29, 3, 507–514. doi: 10.1002/etc.81
WoS: IF_{2009}: 2,565; Q2 (28/77) in Toxicology; Q1 (41/181) in Environmental Sciences; počet citací: 13

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. doi: 10.2138/am.2010.3480
WoS: IF_{2009}: 1,859; Q1 (6/27) in Mineralogy; Q2 (24/75) in Geochemistry & Geophysics; počet ciací: 23

Čobič, A., Bermanec, V., Tomašič, N., **Škoda, R.** (2010): The hydrothermal recrystallization of metamict allanite-(Ce). Canadian Mineralogist, 48, 3, 513–521. doi: 10.3749/canmin.48.3.513
WoS: IF_{2009}: 1,290; Q2 (13/27) in Mineralogy; počet citací: 10

Doláková, N., **Roszková, A.**, **Přichystal, A.** (2010): Palynology and natural environment in the pannonian to holocene sediments of the early Mmedieval centre Pohansko near Břeclav (Czech Republic). Journal of Archaeological Science, 37, 10, 2538–2550. doi: 10.1016/j.jas.2010.05.014
WoS: IF_{2009}: 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 derivedfluid. Geologica Carpathica, 61, 4, 327–339. doi: 10.2478/v10096-010-0019-y
WoS: IF_{2009}: 0,963; Q3 (104/155) in Geosciences, Multidisciplinary; počet citací: 11

Faimon, J., Ličbinská, M. (2010): Carbon dioxide in the soils and adjacent caves of the Moravian Karst. Acta Carsologica, 39, 3, 463–475. doi: 10.3986/ac.v39i3.76
WoS: IF_{2009}: 0,590; Q4 (134/155) in Geosciences, Multidisciplinary; počet citací: 15

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 Polution, 209, 1-4, 81–91. doi: 10.1007/s11270-009-0182-x
WoS: IF_{2009}: 1,676; Q2 (30/63) in Meteorology & Atmospheric Sciences; Q1 (16/66) in Water Resources; Q2 (79/181) in Environmental Sciences; počet citací: 18

Frost, R.L., Bahfenne, S., Čejka, J., Sejkora, J., Palmer, S.L., **Škoda, R.** (2010): Raman microscopy of haidingerite $Ca(AsO_3OH) . H_2O$ and brassite $Mg(AsO_3OH) . 4H_2O$. Journal of Raman Spectroscopy, 41, 6, 690–693. doi: 10.1002/jrs.2498
WoS: IF_{2009}: 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. doi: 10.1007/s00216-010-3976-1
WoS: IF_{2009}: 3,480; Q2 (17/67) in Biochemical Research Methods; Q1 (6/70) in Chemistry, Analytical; počet citací: 20

Hilscherová, K., Dušek, L., Štěpánková, T., Jálová, V., Čupr, P., Giesy, J., **Nehyba, S.**, Jarkovský, J., Klánová, J., Holoubek, I. (2010): Seasonally and regionally determined indication potential of bioassays in contaminated river sediments. Environmental Toxicology and Chemistry, 29, 3, 522–534. doi: 10.1002/etc.83
WoS: IF_{2009}: 2,565; Q2 (28/77) in Toxicology; Q1 (41/181) in Environmental Sciences; počet citací: 19

Hladil, J., Cejchan, P., **Bábek, O.**, Koptíková, L., Navrátil, T., Kubínová, P. (2010): Dust - a geology-orientated attempt to reappraise the natural components, amounts, inputs to sediment, and importance for correlation purposes. Geologica Belgica, 13, 4, 367–383. doi: neuvedeno
WoS: IF_{2009}: 0,655; Q3 (30/49) in Geology; počet citací: 14

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. doi: 10.3190/jgeosci.065
WoS: IF_{2009}: neuvedeno; počet citací: 10

Jedináková-Křížová, V., **Zeman, J.**, Vinšová, H., Hanslík, E. (2010): Bentonite stability, speciation and migration bheaviour of some critical radionuclides. Journal of Radioanalytical and Nuclear Chemistry, 286, 3, 719–727. doi: 10.1007/S10967-010-0796-x
WoS: IF_{2009}: 0,631; Q4 (59/70) in Chemistry, Analytical; Q4 (34/44) in Chemistry, Inorganic & Nuclear; Q3 (23/33) in Nuclear Science & Technology; počet citací: 10

Kalvoda, J., Devuyst, 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. doi: 10.1016/j.geobios.2009.10.008
WoS: IF_{2009}: 0,904; Q3 (25/41) in Paleontology; počet citací: 8

Kalvoda, J., **Bábek, O.** (2010): The Margins of Laurussia in Central and Southeast Europe and Southwest Asia. Gondwana Research, 17, 2-3, 526–545. doi: 10.1016/j.gr.2009.09.012
WoS: IF_{2009}: 4,605; Q1 (4/155) in Geosciences, Multidisciplinary; počet citací: 65

Knížek, M., **Melichar, R.**, **Janečka, J.** (2010): Stratigraphic separation diagrams as a tool for determining fault geometry in a folded and thrusted region: an example from the Barrandian region, Czech Republic. Geological Journal, 45, 5-6, 536–543. doi: 10.1002/gj.1206
WoS: IF_{2009}: 1,333; Q2 (75/155) in Geosciences, Multidisciplinary; počet citací: 7

Kolaříková, I., Švandová, J., Přikryl, R., Vinšová, H., Jedináková-Křížová, V., **Zeman, J.** (2010): Mineralogical changes in bentonite barrier within Mock-Up-CZ experiment. Applied Clay Science, 47, 1-2, 10–15. doi: 10.1016/j.clay.2009.11.011
WoS: IF_{2009}: 2,784; Q1 (4/27) in Mineralogy; počet citací: 18

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. doi: 10.1016/j.sedgeo.2010.01.004
WoS: IF_{2009}: 1,957; Q1 (8/49) in Geology; počet citací: 52

Koptíková, L., Hladil, J., Slavík, L., Cejchan, P., **Bábek, O.** (2010): Fine-grained non-carbonate particles embedded in neritic to pelagic limestones (Lochkovian to Emsian, Prague synform, Czech republic): composition, provenance and links to magnetic susceptibility and gamma-ray logs. Geologica Belgica, 13, 4, 407–430. doi: neuvedeno
WoS: IF_{2009}: 0,655; Q3 (30/49) in Geology; počet citací: 25

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. doi: 10.1093/petrology/egq045
WoS: IF_{2009}: 3,738; Q1 (4/75) in Geochemistry & Geophysics; počet citací: 47

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. doi: 10.1016/j.lithos.2009.11.016
WoS: IF_{2009}: 3,537; Q1 (2/27) in Mineralogy; Q1 (6/75) in Geochemistry & Geophysics; počet citací: 49

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. doi: 10.1007/s00531-008-0387-z
WoS: IF_{2009}: 2,445; Q1 (28/155) in Geosciences, Multidisciplinary; počet citací: 12

Matysová, P., Roesller, R., Goetze, J., **Leichmann, J.**, Forbes, G., Taylor, E., Sakala, J., Grygar, T. (2010): Alluvial and volcanic pathways to silicified plant stems (Upper Carboniferous-Triassic) and their taphonomic

and palaeoenvironmental meaing. Palaeogeography Palaeoclimatology Palaeoecology, 292, 1-2, 127–143. doi: 10.1016/j.palaeo.2010.03.036
WoS: IF_{2009}: 2,646; Q1 (6/41) in Paleontology; Q1 (8/36) in Geography, Physical; Q1 (23/155) in Geosciences, Multidisciplinary; počet citací: 44

Mazur, S., Kröner, A., Szczepański, J., Turniak, K., Hanžl, P., **Melichar, R.**, Rodionov, N., Paderin, I., Sergeev, S. (2010): Single zircon U-Pb ages and geochemistry of granitoid gneisses from SW Poland: evidence for an Avalonian affinity of the Brunian microcontinent. Geological Magazine, 147, 4, 508–526. doi: 10.1017/S001675680999080X
WoS: IF_{2009}: 2,059; Q2 (39/155) in Geosciences, Multidisciplinary; počet citací: 40

Mihaljevič, M., Ettler, V., Šebek, O., Drahota, P., Strnad, L., Procházka, R., **Zeman, J.**, Sracek, O. (2010): Alteration of arsenopyrite in soils under different vegetation covers. Science of the Total Environment, 408, 6, 1286–1294. doi: 10.1016/j.scitotenv.2009.12.003
WoS: IF_{2009}: 2,905; Q1 (32/181) in Environmental Sciences; počet citací: 16

Nehyba, S., Hilscherová, K., Jarkovský, J., Dušek, l., **Kuchovský, T.**, **Zeman, J.**, Klánová, J., Holoubek, I. (2010): Grain size, geochemistry and organic pollutants in modern fluvial deposits in eastern Moravia (Czech Republic). Environmental Earth Sciences, 60, 3, 591–602. doi: 10.1007/s12665-009-0199-x
WoS: IF_{2009}: neuvedeno; počet citací: 7

Nehyba, S., Adamová, M., **Faimon, J.**, **Kuchovský, T.**, **Zeman, J.**, Holoubek, I. (2010): Modern fluvial sediment provenance and pollutant tracing: a case study from the Drevnice River Basin (eastern Moravia, Czech Republic). Geologica Carpathica, 61, 2, 147–162. doi: 10.2478/v10096-010-0007-2
WoS: IF_{2009}: 0,963; Q3 (104/155) in Geosciences, Multidisciplinary; počet citací: 2

Nehyba, S., Roetzel, R. (2010): 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, 103, 2, 50–80. doi: neuvedeno
WoS: IF_{2009}: neuvedeno; počet citací: 10

Novák, M., Filip, J. (2010): Unusual (Na,Mg)-enriched beryl and its breakdown products (beryl II, bazzite, bavenite) from euxenite type NYF pegmatite related to the orogenic ultrapotassic Třebíč Pluton, Czech Republic. Canadian Mineralogist, 48, 3, 615–628. doi: 10.3749/canmin.48.3.615
WoS: IF_{2009}: 1,290; Q2 (13/27) in Mineralogy; počet citací: 21

Novák, M., **Gadas, P.** (2010): Internal structure and mineralogy of a zoned anorthite and grossular bearing leucotonalitic pegmatite in serpentinized lherzolite at Ruda nad Moravou, Staré Město Unit, Czech Republic. Canadian Mineralogist, 48, 629–650. doi: 10.3749/canmin.48.3.629
WoS: IF_{2009}: 1,290; Q2 (13/27) in Mineralogy; počet citací: 9

Novák, M., Nábělek, P. (2010): Foreword to the special volume on „Mineralogical, geochemical and isotopic links between granitic pegmatites and their parental granites“. Journal of Geosciences, 55, 1, 1–1. doi: 10.3190/jgeosci.063
WoS: IF_{2009}: neuvedeno; počet citací: 0

Plášil, J., Buixaderas, E., Čejka, J., Sejkora, J., Jehlička, J., **Novák, M.** (2010): Raman spectroscopic study of the uranyl sulphate mineral zippeite: low wavenumber and U–O stretching regions. Analytical and Bioanalytical Chemistry, 397, 7, 2703–2715. doi: 10.1007/s00216-010-3577-z
WoS: IF_{2009}: 3,480; Q2 (17/67) in Biochemical Research Methods; Q1 (6/70) in Chemistry, Analytical; počet citací: 30

Plášil, J., Sejkora, J., Čejka, J., **Novák, M.**, Viňals, J., Ondruš, P. Veselovský, F., Škácha, P, Jehlička, J., Goliáš, V., Hloušek, J. (2010): Metarauchite, $Ni(UO_2)_2(AsO_4)_2 \cdot 8H_2O$, from Jáchymov, Czech Republic, and Schneeberg, Germany: a new member of the autunite group. Canadian Mineralogist, 48, 335–350. doi: 10.3749/canmin.48.2.2335
WoS: IF_{2009}: 1,290; Q2 (13/27) in Mineralogy; počet citací: 14

Říčka, A., **Kuchovský, T.**, **Sracek, O.**, **Zeman, J.** (2010): Determination of potential mine water discharge zones in crystalline rocks at Rozna, Czech Republic. Environmental Earth Sciences, 60, 6, 1201–1213. doi: 10.1007/s12665-009-0261-8
WoS: IF_{2009}: neuvedeno; počet citací: 4

Sejkora, J., **Plášil, J.**, Ondruš, P., Veselovský, F., Císařová, I., Hloušek, J. (2010): Slavkovite, $Cu_{13}(AsO_4)_6(AsO_3OH)_4 \cdot 23H_2O$, a new mineral species from Horní Slavkov and Jáchymov, Czech Republic: Description and crystal structure determination. Canadian Mineralogist, 48, 5, 1157–1170. doi: 10.3749/canmin.48.5.1157
WoS: IF_{2009}: 1,290; Q2 (13/27) in Mineralogy; počet citací: 8

Sejkora, J., Ondruš, P., **Novák, M.** (2010): Veselovskýite, triclinic $(Zn,Cu,Co)Cu_4(AsO_4)_2(AsO_3OH)_2 \cdot 9.H_2O$, a Zn-dominant analogue of lindackerite. Neues Jahrbuch für Mineralogie - Abhandlungen, 187, 1, 83–90. doi: 10.1127/0077-7757/2010/0165
WoS: IF_{2009}: 0,483; Q4 (24/27) in Mineralogy; počet citací: 10

Tomašić, N., Gajović, A., Bermanec, V., Linarić, M.R., Su, D.S., **Škoda, R.** (2010): Preservation of samarskite structure in a metamict ABO_4 mineral: a key to crystal structure identification. European Journal of Mineralogy, 22, 3, 435–442. doi: 10.1127/0935-1221/2010/0022-2032
WoS: IF_{2009}: 1,450; Q2 (9/27) in Mineralogy; počet citací: 6

2009 (celkem 25 článků, 8 studentů spoluautorů – červeně)

Bhattacharya, P., Hasan, M.A., **Sracek, O.**, Smith, E., Ahmed, K.M., von Bromssen, M., Huq, S.M.I., Naidu, R. (2009): Groundwater chemistry and arsenic mobilization in the holocene flood plains in south-central Bangladesh. Environmental Geochemistry and Health, 31, 1, 23–43. doi: 10.1007/s10653-008-9230-5
WoS: IF_{2008}: 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: 42

Boháč M., **Gregerová M.** (2009): The influence of blast-furnace slag hydration products on microcracking of concrete. Materials Characterization, 60, 7, 729–734. doi: 10.1016/j.matchar.2008.11.011
WoS: IF_{2008}: 1,225; Q1 (4/28) in Materials Science, Characterization & Testing; počet citací: 12

Breiter, K., **Čopjaková, R.**, **Škoda, R.** (2009): The involvement of F, CO_2, and As in te alteration of Zr-Th-REE-bearing accessory minerals in the Hora Svaté Kateřiny A-type granite, Czech Republic. Canadian Mineralogist, 47, 6, 1375–1398. doi: 10.3749/canmin.47.6.1375
WoS: IF_{2008}: 1,136; Q3 (14/25) in Mineralogy; počet citací: 32

Bradák, B., Szakmány, G., Józsa, S., **Přichystal, A.** (2009): Application of magnetic susceptibility measurement on polished stone tools from Western Hungary and Eastern Part of the Czech Republic (Central Europe). Journal of Archaeological Science, 36, 10, 2437–2444. doi: 10.1016/j.jas.2009.07.001
WoS: IF_{2008}: 1,779; Q2 (46/144) in Geosciences, Multidisciplinary; počet citací: 9

Cempírek, J., **Škoda, R.**, Žák, Z. (2009): Sodium scandium diphosphate, $NaScP_2O_7$, isotypic with α-$NaTi(III)P_2O_7$. Acta Crystallographica Section E – Crystallographic Communications, 65, 12, I86-U19. doi: 10.1107/S1600536809046224
WoS: IF_{2008}: 0,367; Q4 (24/25) in Crystallography; počet citací: 2

Čopjaková, R., **Buriánek, D.**, **Škoda, R.**, Houzar, S. (2009): Tourmalinites in the metamorphic complex of the Svratka Unit (Bohemian Massif): a study of compositional growth of tourmaline and genetic relations. Journal of Geosciences, 54, 2, 221–243. doi: 10.3190/jgeosci.048
WoS: IF_{2008}: neuvedeno; počet citací: 8

da Silva, J.C., Vargas, E.D., **Sracek, O.** (2009): Modeling Multiphase Reactive Transport in a Waste Rock Pile with Convective Oxygen Supply. Vadose Zone Journal, 8, 4, 1038–1050. doi: 10.2136/vzj2008.0156
WoS: IF_{2008}: 1,441; Q2 (13/31) in Soil Science; Q1 (14/60) in Water Resources; Q3 (82/163) in Environmental Sciences; počet citací: 9

Dolníček, Z., **Fojt, B.**, Prochaska, W., **Kučera, J.**, Sulovský, P. (2009): Origin of the Zálesí U-Ni-Co-As-Ag/Bi deposit, Bohemian Massif, Czech Republic: fluid inclusion and stable isotope constraints. Mineralium Deposita, 44, 81–97. doi: 10.1007/s00126-008-0202-6
WoS: IF_{2008}: 2,037; Q1 (5/25) in Mineralogy; Q2 (20/64) in Geochemistry & Geophysics; počet citací: 25

Gregerová, M., **Všianský, D.** (2009): Identification of concrete deteriorating minerals by polarizing and scanning electron microscopy. Materials Characterization, 60, 7, 680–685. doi: 10.1016/j.matchar.2009.01.018
WoS: IF_{2008}: 1,225; Q1 (4/28) in Materials Science, Characterization & Testing; počet citací: 9

Hasan, M.A., von Bromssen, M., Bhattacharya, P., Ahmed, K.M., Sikder, A.M., Jacks, G., **Sracek, O.** (2009): Geochemistry and mineralogy of shallow alluvial aquifers in Daudkandi upažila in the Meghna flood plain, Bangladesh. Envrionmental Geology, 57, 3, 499–511. doi: 10.1007/s00254-008-1319-8
WoS: IF_{2008}: 1,026; Q3 (113/163) in Environmental Sciences; Q3 (92/144) in Geosciences, Multidisciplinary; Q3 (32/60) in Water Resources; počet citací: 30

Haloda, J., Týcová, P., Korotev, R.L., Fernandes, V.A., Burgess, R., Thoni, M., Jelenc, M., Jakeš, P., **Gabzdyl, P.**, Kosler, J. (2009): Petrology, geochemistry, and age of low-Ti mare-basalt meteorite Northeast Africa 003-A: A possible member of the Apollo 15 mare basaltic suite. Geochimica et Cosmochimica Acta, 73, 3450–3470. doi: 10.1016/j.gca.2009.03.003
WoS: IF_{2008}: 4,235; Q1 (3/64) in Geochemistry & Geophysics; počet citací: 22

Hladil, J., Koptíková, L., Galle, A., Sedláček, V., Pruner, P., Schnábl, P., Langrová, A., **Bábek, O.**, Fráňa, J., Hladíková, J., Otava, J., Geršl, M. (2009): Early Middle Frasnian platform reef strata in the Moravian Karst interpreted as recording the atmospheric dust changes: the key to understanding perturbations in the punctata conodont zone. Bulletin of Geosciences, 84, 1, 75–106. doi: 10.3140/bull.geosci.1113
WoS: IF_{2008}: neuvedeno; počet citací: 19

Holá, M., **Kalvoda, J.**, **Bábek, O.**, **Brzobohatý, R.**, Holoubek, I., Kanický V., **Škoda, R.** (2009): LA-ICP-MS heavy metal analyses of fish scales from sediments of the Oxbow Lake Čerťák of the Morava River (Czech Republic). Environmental Geology, 58, 1, 141–151.
WoS: IF_{2008}: 1,026; Q3 (113/163) in Environmental Sciences; Q3 (92/144) in Geosciences, Multidisciplinary; Q3 (32/60) in Water Resources; počet citací: 14

Kalvoda, J., **Novák, M.**, **Bábek, O.**, **Brzobohatý, R.**, Holá, M., Holoubek, I., Kanický, V., **Škoda, R**. (2009): Compositional changes in fish scale hydroxylapatite during early diagenesis; an example from an abandoned meander. Biogeochemistry, 94, 3, 197–215. doi: 10.1007/s10533-009-9319-7
WoS: IF_{2008}: 2,961; Q1 (26/163) in Environmental Sciences; Q1 (16/144) in Geosciences, Multidisciplinary; počet citací: 11

Kříbek, B., Žák, K., Dobeš, P., **Leichmann, J.**, Pudilová, M., René, M., Scharm, B., Scharmova, M., Hájek, A., Holeczy, D., Hein, U.F., Lehmann, B. (2009): The Rožná uranium deposit (Bohemian Massif, Czech Republic): shear zone-hosted, late Variscan and post-Variscan hydrothermal mineralization. Mineralium Deposita, 44, 99–128. doi: 10.1007/s00126-008-0188-0
WoS: IF_{2008}: 2,037; Q1 (5/25) in Mineralogy; Q2 (20/64) in Geochemistry & Geophysics; počet citací: 29

Kučera, J., **Cempírek, J.**, Dolníček, Z., Muchez, P., Prochaska, W. (2009): Rare earth elements and yttrium geochemistry of dolomite from post-Variscan vein-type mineralization of the Nízký Jeseník and Upper Silesian Basins. Journal of Geochemical Exploration, 103, 2-3, 69–79. doi: 10.1016/j.gexplo.2009.08.001
WoS: IF_{2008}: 0,878; Q3 (44/64) in Geochemisry & Geophysics; počet citací: 34

Kuneš, P., Abrahám, V., Kovařík, O., Kopecký, M., Břízová, E., Dudová, L., Jankovská, V., Knipping, M., Kozáková, R., Nováková, K., Petr, L., Pokorný, P., **Roszková, A.**, Rybníčková, E., Svobodová-Svitavská, H., Wacnik, A. (2009): Czech Quaternary Palynological Database - PALYCZ: review and basic statistics of the data. Preslia, 81, 209–238. doi: neuvedeno

WoS: IF_{2008}: 2,396; Q1 (29/156) in Plant Sciences; počet citací: 41

Leichmann, J., Jacher-Sliwczynska, K., Broska, I. (2009): Element mobility and fluid path ways during feldspar alteration: textural evidence from cathodoluminescence and electron microprobe study of an example from tonalites (High Tatra). Neues Jahrbuch für Mineralogie - Abhandlungen, 186, 1, 1–10. doi: 10.1127/0077-7757/2009/0124
WoS: IF_{2008}: 0,390; Q4 (23/25) in Mineralogy; počet citací: 4

Novák, M., Vieira, R., Lima, A., **Škoda, R.**, Martins, T., Anjos Ribeiro, M. (2009): Ferronigerite with dominant substitution $TiSn_{-1}$ in muscovite+chlorite aggregate from massive quartz nodule associated with a petalite-rich aplite-pegmatite of the Barroso-Alvão pegmatite field, Northern Portugal. Neues Jahrbuch für Mineralogie - Abhandlungen, 186, 67–78. doi: 10.1127/0077-7757/2009/0132
WoS: IF_{2008}: 0,390; Q4 (23/25) in Mineralogy; počet citací: 4

Plášil, J., Sejkora, J. Čejka, J., **Škoda, R.**, Goliáš, V. (2009): Supergene mineralization of the Medvědín uranium deposit, Krkonoše Mountains, Czech Republic. Journal of Geosciences, 54, 1, 15–56. doi: 10.3190/jgeosci.029
WoS: IF_{2008}: neuvedeno; počet citací: 37

Staněk, T., **Sulovský, P.** (2009): The influence of phosphorous pentoxide on the phase composition and formation of Portland clinker. Materials Characterization, 60, 7, 749–755. doi: 10.101/j.matchar.2008.11.013
WoS: IF_{2008}: 1,225; Q1 (4/28) in Materials Science, Characterization & Testing; počet citací: 20

Svoboda, J., Králík, M., Čulíková, V., **Hladilová, Š.**, Novák, M., Nývltová Fišáková, M., Nývlt, D., Zelinková, M. (2009): Pavlov VI: an Upper Palaeolithic living unit. Antiquity, 83, 320, 282–295. doi: 10.1017/S0003598X00098434
WoS: IF_{2008}: 0,844; Q2 (24/61) in Anthropology; počet citací: 19

Škácha, P., Goliáš, V., Sejkora, J., **Plášil, J.**, **Škoda, R.**, Ježek, J. (2009): Hydrothermal uranium-base metal mineralization of the Jánská vein, Březové Hory, Příbram, Czech Republic: lead isotopes and chemical dating of uraninite. Journal of Geosciences, 54, 1, 1–13. doi: 10.3190/jgeosci.030
WoS: IF_{2008}: neuvedeno; počet citací: 20

Zágoršek, K., Holcová, K., **Nehyba, S.**, Kroh, A., Hladilová, Š. (2009): The invertebrate fauna of the Middle Miocene (Lower Badenian) sediments of Kralice nad Oslavou (Central Paratethys, Moravian part of the Carpathian Foredeep). Bulletin of Geosciences, 84, 3, 465–496. doi: 10.3140/bull.geosci.1078
WoS: IF_{2008}: neuvedeno; počet citací: 22

Žáček, V., **Škoda, R.**, Sulovský, P. (2009): U-Th-rich zircon, thorite and allanite-(Ce) as a main carriers of radioactivity in the highly radioactive ultrapotassic melasyenite porphyry from the Šumava Mts., Moldanubian Zone, Czech Republic. Journal of Geosciences, 54, 4, 343–354. doi: 10.3190/jgeosci.053
WoS: IF_{2008}: neuvedeno; počet citací: 11

2008 (celkem 23 článků, 9 studentů spoluautorů – červeně)

Bábek, O., Franců, E., **Kalvoda, J.**, Neubauer, F. (2008): A digital image analysis approach to measurement of the conodont colour alteration index (CAI): a case study from the Moravo-Silesian Zone, Czech Republic. Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 249, 2, 185–201. doi: 10.1127/0077-7749/2008/0249-0185
WoS: IF_{2007}: 0,496; Q4 (32/40) in Paleontology; počet citací: 7

Bábek, O., Hilscherová, K., **Nehyba, S.**, **Zeman, J.**, **Faměra, M.**, Franců, J., Holoubek, I., Machát, J., Klánová, J. (2008): Contamination history of suspended river sediments accumulated in oxbow lakes over the last 25 years (Morava River, Danube catchment area), Czech Republic. Journal of Soils and Sediments 8, 3, 165–176. doi: 10.1007/s11368-008-0002-8
WoS: IF_{2007}: 4,373; Q1 (1/30) in Soil Science; počet citací: 55

Cempírek, J., Houzar, S., **Novák, M.** (2008): Complexly zoned niobian titanite from hedenbergite skarn at Písek, Czech Republic constrained by substitutions $Al(Nb,Ta)\ Ti_{-2}$, $Al(F,OH)\ (TiO)_{-1}$ and $Sn\ Ti_{-1}$. Mineralogical Magazine, 72, 6, 1317–1329. doi: 10.1180/minmag.2008.072.6.1293

WoS: IF_{2007}: 1,269; Q2 (8/25) in Mineralogy; počet citací: 22

Doláková, N., **Brzobohatý, R.**, **Hladilová, Š.**, **Nehyba, S.** (2008): The red algal facies of the Lower Badenian limestones of the Carpathian Foredeep in Moravia (Czech Republic). Geologica Carpathica, 59, 2, 133–146. doi: neuvedeno
WoS: IF_{2007}: 0,517; Q4 (122/137) in Geosciences, Multidisciplinary; počet citací: 26

Faimon J., **Blecha M.** (2008): Interaction of Freshly Precipitated Silica Gel with Aqueous Silicic Acid Solutions under Ambient and Near Neutral pH-conditions: A Detailed Analysis of Linear Rate Law. Aquatic Geochemistry, 14, 1, 1–40. doi: 10.1007/s10498-007-9024-x
WoS: IF_{2007}: 1,412; Q2 (26/63) in Geochemistry & Geophysics; počet citací: 1

Filip, J., Dachs, E., Tuček, J., **Novák, M.**, Bezdička, P. (2008): Low-temperature calorimetric and magnetic data for the natural end-members of axinite group. American Mineralogist, 93, 4, 548–557. doi: 10.2138/am.2008.2680
WoS: IF_{2007}: 2,203; Q1 (4/25) in Mineralogy; Q1 (13/63) in Geochemistry & Geophysics; počet citací: 4

Grabowski, J., **Bábek, O.**, Nawrocki, J., Tomek, Č. (2008): New palaeomagnetic data from the palaeozoic carbonates of the Moravo-Silesian Zone (Czech Republic): evidence for a timing and origin of the late Variscan remagnetization. Geological Quarterly, 52, 4, 321–334. doi: neuvedeno
WoS: IF_{2007}: 0,712; Q3 (23/40) in Geology; počet citací: 6

Gregerová M., **Všianský, D.**, Hložek M. (2008): New findings on the ceramic petrography of the Loštice pottery. Chemické listy, 102, 2, 859–863. doi: neuvedeno
WoS: IF_{2007}: 0,683; Q3 (88/128) in Chemistry, Multidisciplinary; počet citací: 0

Halavínová, M., **Melichar, R.**, **Slobodník M.** (2008): Hydrothermal veins linked with Variscan structure of the Prague Synform (Barrandien, Czech Republic): resolving fluid-wall rock interaction. Geological Quarterly, 52, 4, 309–628. doi: neuvedeno
WoS: IF_{2007}: 0,712; Q3 (23/40) in Geology; počet citací: 7

Hladil, J., Strnad, L., Šálek, M., Jankovská, V., Šimandl, P., Schwartz, J., Smolík, J., **Lisá, L.**, Koptíková, L, Rohovec, J., Böhmová, V., Langrová, A., Kociánová, M., **Melichar, R.**, Adamovič, J. (2008): An anomalous atmospheric dust deposition event over Central Europe, 24 March 2007, and fingerprinting of the SE Ukrainian source. Bulletin of Geosciences, 83, 2, 175–206. doi: 10.3140/bull.geosci.2008.02.175
WoS: IF_{2007}: neuvedeno; počet citací: 16

Isaacson, P.E., Diaz-Martínez., G.W., Grader, G.W., **Kalvoda, J.**, **Bábek, O.**, Devuyst, F.-X. (2008): Late Devonian-earliest Mississippian glaciation in Gondwana and its biogeographic consequences. Palaeogeography Palaeoclimatology Palaeoecology, 268, 3-4, 126–142. doi: 10.1016/j.palaeo.2008.03.047
WoS: IF_{2007}: 2,162; Q1 (4/40) in Paleontology; Q2 (8/31) in Geography, Physical; Q1 (28/137) in Geosciences, Multidisciplinary; počet citací: 131

Ivanov, M. (2008): Early Miocene Amphibians (Caudata, Salientia) from the Mokrá-Western Quarry (Czech Republic) with comments on the evolution of Early Miocene amphibian assemblages in Central Europe. Geobios, 41, 4, 465–492. doi: 10.1016/j.geobios.2007.11.004
WoS: IF_{2007}: 0.658; Q3 (25/40) in Paleontology; počet citací: 20

Kalvoda, J., **Bábek, O.**, Fatka, O., **Leichmann, J.**, **Melichar, R.**, **Nehyba, S.**, Špaček, P. (2008): Brunovistulian terrane (Bohemian Massif, Central Europe) from late Proterozoic to late Paleozoic: a review. International Journal of Earth Sciences, 97, 3, 497–517. doi: 10.1007/s00531-007-0183-1
WoS: IF_{2007}: 1,719; Q2 (43/137) in Geosciences, Multidisciplinary; počet citací: 122

Leichmann, J., Hoeck, V. (2008): The Brno Batholith: an insight into the magmatic and metamorphic evolution of the Cadomian Brunovistulian Unit, eastern margin of the Bohemian Massif. Journal of Geosciences, 53, 1, 281–305. doi: 10.3190/jgeosci.037
WoS: IF_{2007}: neuvedeno; počet citací: 15

Matysová, M., **Leichmann, J.**, Grygar, T., Roessler, R. (2008): Cathodoluminiscence of silicified trunks from the Permo-Carboniferous basins in eastern Bohemia, Czech Republic. European Journal of Mineralogy, 20, 217–231. doi: 10.1127/0935-1221/2008/0020-1797
WoS: IF_{2007}: 1,206; Q2 (12/25) in Mineralogy; počet citací: 13

Mukherjee, A., von Brömssen, M., Scanlon, B.R., Bhattacharya, P., Fryar, A.E., Aziz Hasan, M., Matin Ahmed K., Chatterjee, D., Jacks, G., **Sracek, O.** (2008): Hydrogeochemical comparison and effects of overlapping redox zones on groundwater arsenic near the Western (Bhagirathi sub-basin, India) and Eastern (Meghna sub-basin, Bangladesh) margins of the Bengal Basin. Journal of Contaminant Hydrology, 99, 1-4, 31–48. doi: 10.1016/j.jconhyd.2007.10.005
WoS: IF_{2007}: 1,852; Q1 (5/59) in Water Resources; Q2 (49/160) in Environmental Sciences; Q2 (38/137) in Geosciences, Multidisciplinary; počet citací: 94

Nehyba, S., Petrová-Tomanová, P., Zagoršek, K. (2008): Sedimentological and palaeocological records of the evolution of the south-western part of the Carpathian Foredeep (Czech Republic) during the Early Badenian. Geological Quarterly, 52, 1, 45–60. doi: neuvedeno
WoS: IF_{2007}: 0,712; Q3 (23/40) in Geology; počet citací: 15

Novák, M., Johan, Z., **Škoda, R.**, Černý, P., Šrein, V., Veselovský, F. (2008): Primary oxide minerals in the system WO_3 – Nb_2O_5 – TiO_2 – Fe_2O_3 – FeO and their breakdown products from the pegmatite No. 3 at Dolní Bory - Hatě, Czech Republic. European Journal of Mineralogy, 20, 4, 487–499. doi: 10.1127/0935-1221/2008/0020-1834
WoS: IF_{2007}: 1,206; Q2 (12/25) in Mineralogy; počet citací: 18

Novák, M., Sejkora, J., **Škoda, R.**, Budina, V. (2008): Bismutotantalite-stibiotantalite-stibiocolumbite assemblage from elbaite pegmatites at Molo near Momeik, northern Shan State, Myanmar. Neues Jahrbuch für Mineralogie - Abhandlungen, 185, 17–26. doi: 10.1127/0077-7757/2008/0108
WoS: IF_{2007}: 0,574; Q4 (22/25) in Mineralogy; počet citací: 3

Slobodník, M., Jacher-Śliwczyńska, K., **Taylor, M.C.**, Schneider, J., Dolníček, Z. (2008): Plumbotectonic aspects of polymetallic vein mineralization in Paleozoic sediments and Proterozoic basement of Moravia (Czech Republic). International Journal of Earth Sciences, 97, 1, 1–18. doi: 10.1007/s00531-006-0157-8
WoS: IF_{2007}: 1,719; Q2 (43/137) in Geosciences, Multidisciplinary; počet citací: 10

Smrčka, V., Erban, V., Hložek, M., **Gregerová, M.**, Dočkalová, M. (2008): Reconstruction of mobility: comparison between te analysis of Sr isotopes in a set of Neolithic skeletons from the Vedrovice cemetery, and the petrographical analysis of pottery in graves. Anthropologie, XLVI, 2-3, 233–238. doi: neuvedeno
WoS: IF_{2007}: 0,345; Q3 (37/58) in Anthropology; počet citací: 0

Vinšová, H., Jedináková-Křížová, V., Kolaříková, I., Adamcová, J., Přikryl, R., **Zeman, J.** (2008): The influence of temperature and hydration on the sorption properties of bentonite. Journal of Environmental Radioactvity, 99, 2, 415–425. doi: 10.1016/j.jenvrad.2007.11.003
WoS: IF_{2007}: 0,963; Q3 (109/160) in Environmental Sciences; počet citací: 11

von Brömssen, M., Häller Larsson, S., Bhattacharya, P., Aziz Hasan, M., Matin Ahmed K., Jakariya, M., Mohiuddin A. S., **Sracek, O.**, Bivén, A., Doušová, B., Patriarca, C., Thunvik, R., Jacks, G. (2008): Geochemical characterisation of shallow aquifer sediments of MatlabUpazila, Southeastern Bangladesh Implications for targeting low-As aquifers. Journal of Contaminant Hydrology, 99, 1-4, 137–149. doi: 10.1016/j.jconhyd.2008.05.005
WoS: IF_{2007}: 1,852; Q1 (5/59) in Water Resources; Q2 (49/160) in Environmental Sciences; Q2 (38/137) in Geosciences, Multidisciplinary; počet citací: 49

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 spektrometry. Facies, 53, 2, 293–316. doi: 10.1007/s10347-006-0095-8
WoS: IF_{2006}: 0,788; Q3 (25/36) in Paleontology; Q3 (24/37) in Geology; počet citací: 38

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. doi: 10.1007/s00710-007-0197-1
WoS: IF_{2006}: 1,038; Q3 (15/26) in Mineralogy; Q3 (39/59) in Geochemistry & Geophysics; počet citací: 50

Brož, M., Kovářová, M., **Losos, Z.**, Linhartová, M., Vávra, V. (2007): The mineralogical research of manganese-posphate crusts in the region of Hodušín-Božetice at Milevsko. Acta Geodynamica et Geomaterialia, 4, 2, 43–55. doi: neuvedeno
WoS: IF_{2006}: 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. doi: 10.1016/j.lithos.2006.07.006
WoS: IF_{2006}: 2,203; Q1 (3/26) in Mineralogy; Q2 (16/59) in Geochemistry & Geophysics; počet citací: 42

Černý, P., **Novák, M.**, Chapman, R., Ferreira, K. (2007): Subsolidus behavior of niobian rutile from the Písek region, Czech Republic: a model for excolution in W- and Fe^{2+}>>Fe^{3+}-rich phases. Journal of Geosciences, 52, 1, 143–159. doi: 10.3190/jgeosci.008
WoS: IF_{2006}: neuvedeno; počet citací: 32

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. doi: 10.2113/gsjfr.37.1.69
WoS: IF_{2006}: 1,791; Q1 (7/36) in Paleontology; počet citací: 23

Dokoupilová, P., **Sracek, 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. doi: 10.1180/minmag.2007.071.4.443
WoS: IF_{2006}: 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. doi: 10.1021/es062312t
WoS: IF_{2006}: 4,040; Q1 (1/35) in Engineering, Environmental; Q1 (4/144) in Environmental Sciences; počet citací: 86

Hanžl, P., Janoušek, V., Žáček, V., **Willímský, 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 Petrolology, 89, 45–75. doi: 10.1007/s00710-006-0137-5
WoS: IF_{2006}: 1,038; Q3 (15/26) in Mineralogy; Q3 (39/59) in Geochemistry & Geophysics; počet citací: 7

Hasan, M.A., Ahmed, K.M., **Sracek, 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. doi: 10.1007/s10040-007-0203-z
WoS: IF_{2006}: 1,288; Q1 (14/57) in Water Resources; Q2 (54/131) in Geosciences, Multidisciplinary; počet citací: 92

Ivanov M. (2007): Herpetological assemblages from the Pliocene to middle Pleistocene in Central Europe: the palaeoecological significance. Geodiversitas, 29, 2, 5–28. doi: neuvedeno
WoS: IF_{2006}: 0,717; Q3 (27/36) in Paleontology; počet citací: 18

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. doi: 10.1111/j.1525-1314.2007.00730.x
WoS: IF_{2006}: 2,350; Q1 (2/37) in Geology; počet citací: 37

Kotková, J. (2007): High-pressure granulites of the Bohemian Massif: recent advances and open questions. Journal of Geosciences, 52, 1-2, 45–71. doi: 10.3190/jgeosci.006
WoS: IF_{2006}: neuvedeno; počet citací: 70

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. doi: neuvedeno
WoS: IF_{2006}: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 154

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. doi: neuvedeno
WoS: IF_{2006}: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 6

Lenhardt, W., Švancara, J., **Melichar, P.**, Pazdírková, J., Havíř, J., Sýkorová, 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. doi: neuvedeno
WoS: IF_{2006}: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 42

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. doi: 10.1671/0272-4634(2007)27[711:A7TFTL]2.0.CO;2
WoS: IF_{2006}: 1,418; Q1 (9/55) in Paleontology; počet citací: 5

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. doi: 10.3190/jgeosci.016
WoS: IF_{2006}: 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. doi: neuvedeno
WoS: IF_{2006}: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 33

Novák, M., **Škoda, R.** (2007): Mn^{3+}-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. doi: 10.3190/jgeosci.003
WoS: IF_{2006}: neuvedeno; počet citací: 8

Prokop, J., Přikryl, 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. doi: neuvedeno
WoS: IF_{2006}: 0,364; Q4 (117/131) in Geosciences, Multidisciplinary; počet citací: 7

Škoda, R., **Novák, M.** (2007): Y,REE,Nb,Ta,Ti-oxide (AB_2O_6) minerals from REL-REE euxenite-subtype pegmatites of the Třebíč Pluton, Czech Republic; substitutions and fractionation trends. Lithos, 95, 1-2, 43–57. doi: 10.1016/j.lithos.2006.07.020
WoS: IF_{2006}: 2,203; Q1 (3/26) in Mineralogy; Q2 (16/59) in Geochemistry & Geophysics; počet citací: 37

Vencelides, Z., **Sracek, O.**, Prommer, H. (2007): Modelling of iron cycling and its impact on the electron balance at a petroleum hydrocarbon contaminated site in Hnevice, Czech Republic. Journal of Contaminant Hydrology, 89, 3-4, 270–294. doi: 10.1016/j.jconhyd.2006.09.003
WoS: IF_{2006}: 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., **Sracek, 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. doi: 10.1016/j.scitotenv.2006.06.028
WoS: IF_{2006}: 2,359; Q1 (28/144) in Environmental Sciences; počet citací: 125

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. doi: neuvedeno
WoS: IF_{2005}: 0,721; Q3 (22/35) in Paleontology; počet citací: 22

Barčová, K., Mashlan, M., Zbořil, R., **Filip, J.**, Podjuklová, J., Hrabovská, K., P. Schaaf (2006): Phase composition of steel-enamelinterfaces: effects of chemical pre-treatment. Surface & Coatings Technology, 201, 3-4, 1836–1844. doi: 10.1016/j.surfcoat.2006.03.015
WoS: IF_{2005}: 1,646; Q1 (3/19) in Materials Science, Coatings & Films; Q2 (25/83) in Physics, Applied; počet citací: 16

Bertolo R., Hirata R., **Sracek, 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. doi: 10.1016/j.jhydrol.2006.02.001
WoS: IF_{2005}: 1,745; Q1 (4/57) in Water Resources; Q1 (1/80) in Engineering, Civil; Q1 (27/129) in Geosciences, Multidisciplinary; počet citací: 18

Bhattacharya, P., Claesson, M., Bundschuh, J., **Sracek, O.**, Fagerberg, J., Jacks, G., Martin, R.A., del Storniolo, 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. doi: 10.1016/j.scitotenv.2005.04.048
WoS: IF_{2005}: 2,224; Q1 (22/140) in Environmental Sciences; počet citací: 169

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. doi: 10.1016/j.lithos.2005.08.011
WoS: IF_{2005}: 2,243; Q1 (3/25) in Mineralogy; Q1 (13/55) in Geochemistry & Geophysics; počet citací: 73

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. doi: 10.2113/gscanmin.44.1.23
WoS: IF_{2005}: 1,259; Q2 (10/25) in Mineralogy; počet citací: 30

Devuyst, F.-X., Hance, L., Poty, E. (2006): Moliniacian. Geologica Belgica, 9, 1-2, 123–131. doi: neuvedeno
WoS: IF_{2005}: 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. doi: 10.1127/0077-7757/2006/0039
WoS: IF_{2005}: 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 izotopic 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. doi: 10.1016/j.envpol.2005.10.024
WoS: IF_{2005}: 2,451; Q1 (17/140) in Environmental Sciences; počet citací: 92

Faimon, J., **Štelcl, J.**, Sas, D. (2006): Anthropogenic CO_2-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. doi: 10.1016/j.scitotenv.2006.04.006
WoS: IF_{2005}: 2,224; Q1 (22/140) in Environmental Sciences; počet citací: 53

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. doi: 10.2113/gscanmin.44.5.1159
WoS: IF_{2005}: 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. doi: 10.1007/s00269-005-0051-0
WoS: IF_{2005}: 1,336; Q2 (54/178) in Materials Science; Q2 (8/25) in Mineralogy, Multidisciplinary; počet citací: 13

Hance, L., Poty, E., **Devuyst, F.-X.** (2006): Tournaisian. Geologica Belgica, 9, 1-2, 47–53. doi: neuvedeno
WoS: IF_{2005}: neuvedeno; počet citací: 11

Hance, L., Potry, E., **Devuyst, F.-X.** (2006): Visean. Geologica Belgica, 9, 1-2, 55–62. doi: neuvedeno
WoS: IF_{2005}: neuvedeno; počet citací: 12

Hance, L., Poty, E., **Devuyst, F.-X.** (2006): Ivorian. Geologica Belgica, 9, 1-2, 117–122. doi: neuvedeno
WoS: IF_{2005}: neuvedeno; počet citací: 7

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 (Solenoidea-Clavagelloidea)-review. Bulletin of Geosciences, 81, 3, 214. doi: neuvedeno
WoS: IF_{2005}: neuvedeno; počet citací: 0

Hyršl, J., **Novák, M.**, **Škoda, R.** (2006): Gem-quality massive pink muscovite from Brazil. Gems and Gemology, 42, 65–66. doi: neuvedeno
WoS: IF_{2005}: 1,762; Q1 (5/25) in Mineralogy; počet citací: 3

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. doi: 10.1016/j.tecto.2005.12.015
WoS: IF_{2005}: 1,732; Q2 (19/55) in Geochemistry & Geophysics; počet citací: 16

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. doi: neuvedeno
WoS: IF_{2005}: 0,449; Q4 (111/129) in Geosciences, Multidisciplinary; počet citací: 52

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. doi: 10.1127/0077-7757/2006/0047
WoS: IF_{2005}: 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. doi: 10.1016/j.palaeo.2006.03.058
WoS: IF_{2005}: 1,899; Q1 (4/35) in Paleontology; Q2 (8/30) in Geography, Physical; Q1 (24/129) in Geosciences, Multidisciplinary; počet citací: 226

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. doi: 10.1016/j.chemer.2004.08.003
WoS: IF_{2005}: 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. doi: 10.1017/S0016756806002457
WoS: IF_{2005}: 1,299; Q2 (46/129) in Geosciences, Multidisciplinary; počet citací: 142

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. doi: 10.1029/2006WR005326
WoS: IF_{2005}: 1,939; Q1 (3/17) in Limnology; Q1 (2/57) in Water Resources; Q1 (30/140) in Environmental Sciences; počet citací: 329

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. doi: neuvedeno
WoS: IF_{2005}: 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. doi: 10.1017/S0016756806001981
WoS: IF_{2005}: 1,299; Q2 (46/129) in Geosciences, Multidisciplinary; počet citací: 10

Sracek, O., Gelinas, 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. doi: 10.1016/j.gexplo.2006.03.002
WoS: IF_{2017}: 0,665; Q4 (42/55) in Geochemistry & Geophysics; počet citací: 21

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. doi: neuvedeno
WoS: IF_{2005}: 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. doi: neuvedeno
WoS: IF_{2004}: 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. doi: 10.1016/j.lithos.2003.11.004
WoS: IF_{2004}: 2,567; Q1 (2/23) in Mineralogy; Q1 (9/50) in Geochemistry & Geophysics; počet citací: 61

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. doi: 10.1007/s00710-005-0086-4
WoS: IF_{2004}: 0,820; Q3 (15/23) in Mineralogy; Q3 (34/50) Geochemistry & Geophysics; počet citací: 24

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. doi: 10.1016/j.lithos.2004.12.006
WoS: IF_{2004}: 2,567; Q1 (2/23) in Mineralogy; Q1 (9/50) in Geochemistry & Geophysics; počet citací: 45

Faimon, J. (2005): Shaping of clay fragments during transport: a theoretical model. Geologica Carpathica, 56, 5, 455–460. doi: neuvedeno
WoS: IF_{2004}: 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. doi: 10.1007/s10498-004-2880-8
WoS: IF_{2004}: 0,720; Q3 (37/50) in Geochemistry & Geophysics; počet citací: 7

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. doi: 10.2113/gscanmin.43.4.1393
WoS: IF_{2004}: 1,207; Q2 (9/23) in Mineralogy; počet citací: 11

2004 (celkem 17 článků, 3 studenti spoluautoři – červeně)

Ahmed, K.M., Bhattacharya, P., Hasan, M.A., Akhter, S.H., Alam, S.M.M., Bhuyian, M.A., Imam, M.B., Khan, A.A., **Sracek, O.** (2004): Arsenic enrichment in groundwater of the alluvial aquifers in Bangladesh: An overview. Applied Geochemistry, 19, 2, 181–200. doi: 10.1016/j.apgeochem.2003.09.006
WoS: IF_{2003}: 1,804; Q2 (15/52) in Geochemistry & Geophysics; počet citací: 398

Almeida, R.M.R., Lauria, D.C., Ferreira, A.C., **Sracek, 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. doi: 10.1016/j.jenvrad.2003.10.006
WoS: IF_{2003}: 0,837; Q3 (73/131) in Environmental Sciences; počet citací: 45

Baroň, I., Cílek, V., Krejčí, O., **Melichar, R.**, Hubatka, F. (2004): Structure and dynamics of deep-seated slope failures in te Magura Flysch Nappe, outer Western Carpathians (Czech Republic). Natural Hazards and Earth System Sciences, 4, 4, 549–562. doi: 10.5194/nhess-4-549-2004
WoS: IF_{2003}: neuvedeno; počet citací: 50

Broska, I., Williams, T., Uher, P., Konečný, P., **Leichmann, J.** (2004): The geochemistry of phosphorus in different granite suites of the Western Carpathians, Slovakia: the role of apatite and P-bearing feldspars. Chemical Geology, 205, 1-2, 224–236. doi: 10.1016/j.chemgeo.2003.09.004
WoS: IF_{2003}: 2,330; Q1 (10/52) in Geochemistry & Geophysics; počet citací: 59

Faimon, J., **Nehyba, S.** (2004): The formation of spherical clay balls on the slopes of sandpit quarry, the Rudice-Sec (Czech Republic). Catena, 58, 1, 23–40. doi: 10.1016/j.catena.2004.001.002
WoS: IF_{2003}: 1,083; Q1 (10/55) in Water Resources; Q2 (49/128) in Geosciences, Multidisciplinary; Q2 (9/28) in Agriculture, Soil Science; počet citací: 4

Geršl, M., Hladil, J. (2004): Gamma-ray and magnetic susceptibility correlation across a Frasnian carbonate platform and the search for "punctata" in stromatopoid-coral limestone facies of Moravia. Geological Quarterly, 48, 3, 283–292. doi: neuvedeno
WoS: IF_{2003}: neuvedeno; počet citací: 19

Komárek, M., **Zeman, J.** (2004): Dynamics of Cu, Zn, Cd, and Hg release from sediments at surface conditions. Bulletin of Geosciences, 79, 2, 99–106. doi: neuvedeno
WoS: IF_{2003}: neuvedeno; počet citací: 18

Kotková, J. (2004): Geology without frontiers: magmatic and metamorphic evolution of Central European variscides. Episodes, 27, 1, 49–50. doi: neuvedeno
WoS: IF_{2003}: 1,020; Q2 (55/128) in Geosciences, Multidisciplinary; počet citací: 0

Lauria, D.C., Almeida, R.M.R., **Sracek, O.** (2004): Behavior of radium, thorium and uranium in groundwater near the Buena Lagoon in the Coastal Zone of the State of Rio de Janeiro, Brazil. Environmental Geology, 47, 1, 11–19. doi: 10.1007/s00254-004-1121-1
WoS: IF_{2003}: 0,605; Q3 (96/131) in Environmental Sciences; Q3 (89/128) in Geosciences, Multidisciplinary; Q3 (30/55) in Water Resources; počet citací: 33

Losos, Z., Beran, A. (2004): OH defects in cassiterite. Mineralogy and Petrology, 81, 3-4, 219–234. doi: 10.1007/s00710-004-0040-x
WoS: IF_{2003}: 1,086; Q2 (11/24) in Mineralogy; Q2 (24/52) in Geochemistry & Geophysics; počet citací: 13

Nehyba, S., **Hladilová, Š.** (2004): Relics of the most distal part of the Neogene foreland basin in SW Moravia. Bulletin of Geosciences, 79, 2, 113–120. doi: neuvedeno
WoS: IF_{2003}: neuvedeno; počet citací: 8

Novák, M., Černý, P., **Cempírek, J.**, Šrein, V., **Filip, J.** (2004): Ferrotapiolite as pseudomorph of stibiotantalite from the Laštovičky lepidolite pegmatite, Czech Republic; an example of hydrothermal alteration at constant Ta/(Ta+Nb). Canadian Mineralogist, 42, 4, 1117–1128. doi: 10.2113/gscanmin.42.4.1117
WoS: IF_{2003}: 1,046; Q2 (12/24) in Mineralogy; počet citací: 16

Novák, M., Povondra, P., Selway, J.B. (2004): Schorl oxy-schorl to dravite- oxy-dravite tourmaline from granitic pegmatites; examples from the Moldanubicum, Czech Republic. European Journal of Mineralogy, 16, 2, 323–333. doi: 10.1127/0935-1221/2004/0016-0323

WoS: IF_{2003}: 1,185; Q2 (8/24) in Mineralogy; počet citací: 60

Sejkora, J., Čejka, J., Hloušek, J., **Novák, M.**, Šrein, V. (2004): Phosphowalpurgite, the (PO_4)-dominant analogue of walpurgite, from Smrkovec, Slavkovský Les Mountains, Czech Republic. Canadian Mineralogist, 42, 4, 963–972. doi: 10.2113/gscanmin.42.4.963
WoS: IF_{2003}: 1,046; Q2 (12/24) in Mineralogy; počet citací: 11

Šikula, J., **Nehyba, S.** (2004): Lithofacies analysis of Miocene sediments in the southern part of Carpathian Foredeep, based on the re-interpretation of drill logging data. Bulletin of Geosciences, 79, 3, 167–176. doi: neuvedeno
WoS: IF_{2003}: neuvedeno; počet citací: 6

Sracek, O., Bhattacharya, P., Jacks, G., Gustafsson, J.P., von Brömssen, M. (2004): Behavior of arsenic and geochemical modeling of arsenic enrichment in aqueous environment. Applied Geochemistry, 19, 2, 169–180. doi: 10.1016/j.apgeochem.2003.09.005
WoS: IF_{2003}: 1,804; Q2 (15/52) in Geochemistry & Geophysics; počet citací: 136

Sracek, O., Choquette, M., Gelinas, P., Lefebvre, R., Nicholson, R.V. (2004): Geochemical characterization of acid mine drainage from a waste rock pile, Mine Doyon, Québec, Canada. Journal of Contaminant Hydrology, 69, 1-2, 45–71. doi: 10.1016/S0169-7722(03)00150-5
WoS: IF_{2003}: 1,438; Q1 (5/55) in Water Resources; Q2 (40/131) in Environmental Sciences; Q1 (32/128) in Geosciences, Multidisciplinary; počet citací: 104

2003 (celkem 17 článků, 4 studenti spoluautoři – červeně)

Černý, P., Chapman, R., Teertstra, D.K., **Novák, M.** (2003): Rubidium- and cesium-dominant micas in granitic pegmatites. American Mineralogist, 88, 11-12, 1832–1835. doi: 10.2138/am-2003-11-1226
WoS: IF_{2002}: 1,811; Q1 (3/24) in Mineralogy; Q1 (10/51) in Geochemistry & Geophysics; počet citací: 27

Faimon, J., **Štelcl, J.**, Kubešová, S., Zimák, J. (2003): Environmentally acceptable effect of hydrogen peroxide on cave "lamp-flora", calcite speleothems and limestones. Environmental Pollution, 122, 3, 417–422. doi: 10.1016/S0269-7491(02)00309-3
WoS: IF_{2002}: 1,942; Q1 (14/132) in Environmental Sciences; počet citací: 34

Faimon, J. (2003): Formation of Colloidal Silica and Alumina During Experimental Granodiorite Weathering. Aquatic Geochemistry, 9, 4, 305–341. doi: neuvedeno
WoS: IF_{2002}: 1,243; Q2 (20/51) in Geochemistry & Geophysics; počet citací: 5

Harzhauser, M., Kovar-Eder, J., **Nehyba, S.**, Strobitzer-Hermann, M., Schwarz, J., Wojcicki, J., Zorn, I. (2003): An Early Pannonian (Late Miocene) transgression in the Northern Vienna Basin - The paleoecological feedback. Geologica Carpathica, 54, 1, 41–52. doi: neuvedeno
WoS: IF_{2002}: 0,147; Q4 (116/122) in Geosciences, Multidisciplinary; počet citací: 9

Hladil, J., Bosák, P., Slavík, L., Carew, J.L., Mylroie, J.E., **Geršl, M.** (2003): A pragmatic test of the early origin and fixation of gamma-ray spectrometric (U, Th) and magneto-susceptibility (Fe) patterns related to sedimentary cycle boundaries in pure platform limestones. Carbonates and Evaporites, 18, 2, 89–107. doi: 10.1007/BF03176231
WoS: IF_{2002}: 0,125; Q4 (33/34) in Geology; počet citací: 6

Hladil, J., Bosák, P., Slavík, L., Carew, J.L., Mylroie, J.E., **Geršl, M.** (2003): Early diagenetic origin and persistence of gamma-ray and magnetosusceptibility patterns in platform carbonates: comparison of Devonian and Quaternary section. Physics and Chemistry of the Earth, 28, 16-19, 719–727. doi: 10.1016/S1474-7065(03)00130-X
WoS: IF_{2002}: neuvedeno; počet citací: 17

Hladil, J., Patočka, F., Kachlík, V., **Melichar, R.**, Hubačík, M. (2003): Metamorphosed carbonates of Krkonoše Mountains and Paleozoic evolution of Sudetic terranes (NE Bohemia, Czech Republic). Geologica Carpathica, 54, 5, 281–297. doi: neuvedeno

WoS: IF_{2002}: 0,147; Q4 (116/122) in Geosciences, Multidisciplinary; počet citací: 18

Houzar, S., **Leichmann, J.** (2003): Application of Cathodoluminescence to the study of metamorphic textures in marbles from the eastern part of the Bohemian Massif. Bulletin of Geosciences, 78, 3, 241–250. doi: neuvedeno
WoS: IF_{2002}: neuvedeno; počet citací: 10

Jiang, S.-Y., Yang, J.H., **Novák, M.**, Selway, J.B. (2003): Chemical and boron isotopic compositions of turmaline from the Lavičky leucogranite, Czech Republic. Geochemical Journal, 37, 5, 545–556. doi: 10.2343/geochemj.37.545
WoS: IF_{2002}: 0,696; Q3 (34/51) in Geochemistry & Geophysics; počet citací: 24

Kalvoda, J., **Leichmann, J.**, Bábek, O., **Melichar, R.** (2003): Brunovistulian Terrane (Central Europe) and Istanbul Zone (NW Turkey): Late Proterozoic and Paleozoic tectonostratigraphic development and paleogeography. Geologica Carpathica, 54, 3, 139–152. doi: neuvedeno
WoS: IF_{2002}: 0,147; Q4 (116/122) in Geosciences, Multidisciplinary; počet citací: 50

Kalvoda, J. (2003): Carboniferous foraminiferal paleobiogeography in Turkey and its implications for plate tectonic reconstructions. Rivista Italiana di Paleontologia e Stratigrafia, 109, 2, 255–265. doi: 10.13130/2039-4942/5506
WoS: IF_{2002}: 0,531; Q3 (18/30) in Paleontology; Q3 (24/34) in Geology; počet citací: 15

Koubová, M., **Zeman, J.**, Müller, P. (2003): Mineralogy, petrography and geochemistry of sediments used in pollutant sorption experiments. Bulletin of Geosciences, 78, 3, 163–168. doi: neuvedeno
WoS: IF_{2002}: neuvedeno; počet citací: 2

Leichmann, J., Broska, I., **Zachovalová, K.** (2003): Low-grade metamorphic alteration of feldspar minerals: a CL study. Terra Nova, 15, 2, 104–108. doi: 10.1046/j.1365-3121.2003.00467.x
WoS: IF_{2002}: 0,874; Q2 (56/122) in Geosciences, Multidisciplinary; počet citací: 28

Müllerová, H., Kruml, O., Vybíhal, K., **Zeman, J.**, Müller, P. (2003): Adsorption of copper and cadmium from aqueous solution by various types of sediments under static and dynamic conditions. Bulletin of Geosciences, 78, 3, 169–178. doi: neuvedeno
WoS: IF_{2002}: neuvedeno; počet citací: 4

Nerudová, Z., Hložek, M., **Gregerová, M.**, Havlica, J. (2003): Analysis of a burnt clay fragment from the palaeolithic site Brno-Bohunice I. Anthropologie, 41, 3, 295–298. doi: neuvedeno
WoS: IF_{2002}: 0,167; Q4 (45/53) in Anthropology; počet citací: 3

Novák, M., Černý, P., Uher, P. (2003): Extreme variation and apparent reversal of Nb-Ta fractionation in columbite-group minerals from the Scheibengraben beryl-columbite pegmatite, Maršíkov, Czech Republic. European Journal of Mineralogy, 15, 3, 565–574. doi: 10.1127/0935-1221/2003/0015-0565
WoS: IF_{2002}: 1,335; Q2 (7/24) in Mineralogy; počet citací: 44

Vavrdová, M., Mikuláš, R., **Nehyba, S.** (2003): Lower Cambrian siliciclastic sediments in Southern Moravia (Czech Republic) and their paleogeographical constrains. Geologica Carpathica, 52, 2, 67–79. doi: neuvedeno
WoS: IF_{2002}: 0,147; Q4 (116/122) in Geosciences, Multidisciplinary; počet citací: 17