

Bohdan Kribek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6269607/publications.pdf>

Version: 2024-02-01

63
papers

1,933
citations

201575

27
h-index

265120

42
g-index

64
all docs

64
docs citations

64
times ranked

1857
citing authors

#	ARTICLE	IF	CITATIONS
1	Cobalt-bearing copper slags from Luanshya (Zambian Copperbelt): Mineralogy, geochemistry, and potential recovery of critical metals. <i>Journal of Geochemical Exploration</i> , 2022, 237, 106987.	1.5	12
2	The Origin of Synchysite-(Ce) and Sources of Rare Earth Elements in the Ro ^{3/4n} ; Uranium Deposit, Czech Republic. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 690.	0.8	2
3	Raman mapping of coal halos induced by uranium mineral radiation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 118996.	2.0	4
4	Metal(loid)s remobilization and mineralogical transformations in smelter-polluted savanna soils under simulated wildfire conditions. <i>Journal of Environmental Management</i> , 2021, 293, 112899.	3.8	8
5	Experimental pyrolysis of metalliferous coal: A contribution to the understanding of pyrometamorphism of organic matter and sulfides during coal waste heaps fires. <i>International Journal of Coal Geology</i> , 2021, 245, 103817.	1.9	1
6	Depicting the historical pollution in a Pb–Zn mining/smeltering site in Kabwe (Zambia) using tree rings. <i>Journal of African Earth Sciences</i> , 2021, 181, 104246.	0.9	14
7	Mineralogy of Ga- and Ge-bearing metallurgical slags from Tsumeb, Namibia. <i>Mineralogical Magazine</i> , 2021, 85, 879-889.	0.6	4
8	Vanadium-rich slags from the historical processing of Zn–Pb–V ores at Berg Aukas (Namibia): Mineralogy and environmental stability. <i>Applied Geochemistry</i> , 2020, 114, 104473.	1.4	7
9	Uptake of trace elements and isotope fractionation of Cu and Zn by birch (<i>Betula pendula</i>) growing on mineralized coal waste pile. <i>Applied Geochemistry</i> , 2020, 122, 104741.	1.4	12
10	Vanadium in slags from smelting of African Pb-Zn vanadate ores: Mineralogy, extractability and potential recovery. <i>Journal of Geochemical Exploration</i> , 2020, 218, 106631.	1.5	13
11	Slag dusts from Kabwe (Zambia): Contaminant mineralogy and oral bioaccessibility. <i>Chemosphere</i> , 2020, 260, 127642.	4.2	33
12	The potential wildfire effects on mercury remobilization from topsoils and biomass in a smelter-polluted semi-arid area. <i>Chemosphere</i> , 2020, 247, 125972.	4.2	7
13	Oral bioaccessibility of metal(loid)s in dust materials from mining areas of northern Namibia. <i>Environment International</i> , 2019, 124, 205-215.	4.8	44
14	Tracing the metal dynamics in semi-arid soils near mine tailings using stable Cu and Pb isotopes. <i>Chemical Geology</i> , 2019, 515, 61-76.	1.4	39
15	Soil contamination near the Kabwe Pb-Zn smelter in Zambia: Environmental impacts and remediation measures proposal. <i>Journal of Geochemical Exploration</i> , 2019, 197, 159-173.	1.5	48
16	Thallium contamination of desert soil in Namibia: Chemical, mineralogical and isotopic insights. <i>Environmental Pollution</i> , 2018, 239, 272-280.	3.7	41
17	Hydrocarbon condensates and argillites in the EliÅ¾ka Mine burnt coal waste heap of the Å½aclÅ½ TM coal district (Czech Republic): Products of high- and low-temperature stages of self-ignition. <i>International Journal of Coal Geology</i> , 2018, 190, 146-165.	1.9	9
18	Copper isotopic record in soils and tree rings near a copper smelter, Copperbelt, Zambia. <i>Science of the Total Environment</i> , 2018, 621, 9-17.	3.9	31

#	ARTICLE	IF	CITATIONS
19	Variability of the copper isotopic composition in soil and grass affected by mining and smelting in Tsumeb, Namibia. <i>Chemical Geology</i> , 2018, 493, 121-135.	1.4	40
20	Geochemistry and pH control of seepage from Ni-Cu rich mine tailings at Selebi Phikwe, Botswana. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 482.	1.3	10
21	Geochemistry and environmental impact of neutral drainage from an uraniferous coal waste heap. <i>Journal of Geochemical Exploration</i> , 2018, 191, 1-21.	1.5	7
22	The impact of wetland on neutral mine drainage from mining wastes at Luanshya in the Zambian Copperbelt in the framework of climate change. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28961-28972.	2.7	9
23	Characterization of Fe-Mn concentric nodules from Luvisol irrigated by mine water in a semi-arid agricultural area. <i>Geoderma</i> , 2017, 299, 32-42.	2.3	37
24	The pH-dependent leaching behavior of slags from various stages of a copper smelting process: Environmental implications. <i>Journal of Environmental Management</i> , 2017, 187, 178-186.	3.8	68
25	Trace element geochemistry of self-burning and weathering of a mineralized coal waste dump: The NováĀtor mine, Czech Republic. <i>International Journal of Coal Geology</i> , 2017, 173, 158-175.	1.9	21
26	Geochemical history of a Lower Miocene lake, the Cypris Formation, Sokolov Basin, Czech Republic. <i>Journal of Paleolimnology</i> , 2017, 58, 169-190.	0.8	9
27	Geochemistry, mineralogy, and isotope composition of Pb, Zn, and Cu in primary ores, gossan and barren ferruginous crust from the Perkoa base metal deposit, Burkina Faso. <i>Journal of Geochemical Exploration</i> , 2016, 168, 49-64.	1.5	14
28	Radiation- and self-ignition induced alterations of Permian uraniferous coal from the abandoned NováĀtor mine waste dump (Czech Republic). <i>International Journal of Coal Geology</i> , 2016, 168, 162-178.	1.9	17
29	Composition and fate of mine- and smelter-derived particles in soils of humid subtropical and hot semi-arid areas. <i>Science of the Total Environment</i> , 2016, 563-564, 329-339.	3.9	29
30	Reactivity of fly ash from copper smelters in an Oxisol: implications for smelter-polluted soil systems in the tropics. <i>Journal of Soils and Sediments</i> , 2016, 16, 115-124.	1.5	9
31	Contamination of soil and grass in the Tsumeb smelter area, Namibia: Modeling of contaminants dispersion and ground geochemical verification. <i>Applied Geochemistry</i> , 2016, 64, 75-91.	1.4	33
32	Trace Elements and the Lead Isotopic Record in Marula (<i>Sclerocarya birrea</i>) Tree Rings and Soils Near the Tsumeb Smelter, Namibia. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	19
33	The origin and hydrothermal mobilization of carbonaceous matter associated with Paleoproterozoic orogenic-type gold deposits of West Africa. <i>Precambrian Research</i> , 2015, 270, 300-317.	1.2	27
34	Mercury in soil profiles from metal mining and smelting areas in Namibia and Zambia: distribution and potential sources. <i>Journal of Soils and Sediments</i> , 2015, 15, 648-658.	1.5	20
35	Response of <i>Enchytraeus crypticus</i> worms to high metal levels in tropical soils polluted by copper smelting. <i>Journal of Geochemical Exploration</i> , 2014, 144, 427-432.	1.5	22
36	Prioritising environmental risk at the regional scale by a GIS aided technique: The Zambian Copperbelt Province case study. <i>Journal of Geochemical Exploration</i> , 2014, 144, 433-442.	1.5	21

#	ARTICLE	IF	CITATIONS
37	Surprisingly contrasting metal distribution and fractionation patterns in copper smelter-affected tropical soils in forested and grassland areas (Mufulira, Zambian Copperbelt). <i>Science of the Total Environment</i> , 2014, 473-474, 117-124.	3.9	45
38	Contamination of soils with dust fallout from the tailings dam at the Rosh Pinah area, Namibia: Regional assessment, dust dispersion modeling and environmental consequences. <i>Journal of Geochemical Exploration</i> , 2014, 144, 391-408.	1.5	33
39	Dust from Zambian smelters: mineralogy and contaminant bioaccessibility. <i>Environmental Geochemistry and Health</i> , 2014, 36, 919-933.	1.8	41
40	Geochemistry of mine tailings and behavior of arsenic at Kombat, northeastern Namibia. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4891-4903.	1.3	18
41	Differences in the bioaccessibility of metals/metalloids in soils from mining and smelting areas (Copperbelt, Zambia). <i>Journal of Geochemical Exploration</i> , 2012, 113, 68-75.	1.5	81
42	Mining-related contamination of surface water and sediments of the Kafue River drainage system in the Copperbelt district, Zambia: An example of a high neutralization capacity system. <i>Journal of Geochemical Exploration</i> , 2012, 112, 174-188.	1.5	57
43	Leaching of metals from copper smelter flue dust (Mufulira, Zambian Copperbelt). <i>Applied Geochemistry</i> , 2011, 26, S263-S266.	1.4	60
44	Tracing the spatial distribution and mobility of metal/metalloid contaminants in Oxisols in the vicinity of the Nkana copper smelter, Copperbelt province, Zambia. <i>Geoderma</i> , 2011, 164, 73-84.	2.3	92
45	Attenuation of dissolved metals in neutral mine drainage in the Zambian Copperbelt. <i>Environmental Monitoring and Assessment</i> , 2011, 172, 287-299.	1.3	25
46	Lead Isotopic and Metallic Pollution Record in Tree Rings from the Copperbelt Mining "Smelting Area, Zambia. <i>Water, Air, and Soil Pollution</i> , 2011, 216, 657-668.	1.1	53
47	The Extent of Arsenic and of Metal Uptake by Aboveground Tissues of <i>Pteris vittata</i> and <i>Cyperus involucratus</i> Growing in Copper- and Cobalt-Rich Tailings of the Zambian Copperbelt. <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 61, 228-242.	2.1	11
48	Deep, subsurface microflora after excavation respiration and biomass and its potential role in degradation of fossil organic matter. <i>Folia Microbiologica</i> , 2011, 56, 389-396.	1.1	23
49	Potential human health risks associated with historic ore processing at Berg Aukas, Grootfontein area, Namibia. <i>Journal of African Earth Sciences</i> , 2010, 58, 634-647.	0.9	21
50	Discrimination of lithogenic and anthropogenic sources of metals and sulphur in soils of the central-northern part of the Zambian Copperbelt Mining District: A topsoil vs. subsurface soil concept. <i>Journal of Geochemical Exploration</i> , 2010, 104, 69-86.	1.5	89
51	Characterization of organic matter in dusts and fluvial sediments from exposed areas of downtown Prague, Czech Republic. <i>International Journal of Coal Geology</i> , 2009, 80, 69-86.	1.9	17
52	The Ro ^{3/4} n ^{1/4} uranium deposit (Bohemian Massif, Czech Republic): shear zone-hosted, late Variscan and post-Variscan hydrothermal mineralization. <i>Mineralium Deposita</i> , 2009, 44, 99-128.	1.7	52
53	Mineralogy and environmental stability of slags from the Tsumeb smelter, Namibia. <i>Applied Geochemistry</i> , 2009, 24, 1-15.	1.4	147
54	Multiple Sources of Metals of Mineralization in Lower Cambrian Black Shales of South China: Evidence from Geochemical and Petrographic Study. <i>Resource Geology</i> , 2008, 58, 25-42.	0.3	57

#	ARTICLE	IF	CITATIONS
55	Graphitization of organic matter and fluid-deposited graphite in Palaeoproterozoic (Birimian) black shales of the Kaya-Goren greenstone belt (Burkina Faso, West Africa). <i>Journal of Metamorphic Geology</i> , 2008, 26, 937-958.	1.6	46
56	Organic geochemistry and petrology of barren and Mo-Ni-PGE mineralized marine black shales of the Lower Cambrian Niutitang Formation (South China). <i>International Journal of Coal Geology</i> , 2007, 72, 240-256.	1.9	76
57	Tin-polymetallic sulfide deposits in the eastern part of the Dachang tin field (South China) and the role of black shales in their origin. <i>Mineralium Deposita</i> , 2003, 38, 39-66.	1.7	27
58	Anhydrite-bearing rocks from the Rožnava district (Moldanubian zone, Czech Republic): high-grade metamorphosed exhalites?. <i>Mineralium Deposita</i> , 2002, 37, 465-479.	1.7	3
59	Bitumens in the late Variscan hydrothermal vein-type uranium deposit of Příbram, Czech Republic; sources, radiation-induced alteration, and relation to mineralization. <i>Economic Geology</i> , 1999, 94, 1093-1114.	1.8	52
60	Laboratory Oxidation of Fossil Organic Matter Studied by in situ Infrared Spectroscopy, Rock-Eval Pyrolysis and Pyrolysis-Gas Chromatography-Mass Spectrometry. <i>Collection of Czechoslovak Chemical Communications</i> , 1997, 62, 364-374.	1.0	7
61	Barite-hyalophane sulfidic ores at Rozna, Bohemian Massif, Czech Republic; metamorphosed black shale-hosted submarine exhalative mineralization. <i>Economic Geology</i> , 1996, 91, 14-35.	1.8	17
62	Gas Chromatographic and Mass Spectrometric Characterization of Pyrolysis Products of Fossil Organic Matter from Localities of the Czech Republic. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 1158-1166.	1.0	3
63	The role of organic matter in the metallogeny of the Bohemian Massif. <i>Economic Geology</i> , 1989, 84, 1525-1540.	1.8	26