

# LukÃ¡Å¡ KrmÃ¡-Äek

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The story of post-Variscan lamprophyres of the Bohemian Massif: from ultramafic (Upper) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2022, 513, 237-269.	1.3	2
2	Lithium isotopes in kimberlites, lamproites and lamprophyres as tracers of source components and processes related to supercontinent cycles. Geological Society Special Publication, 2022, 513, 209-236.	1.3	8
3	Lamprophyres, lamproites and related rocks as tracers to supercontinent cycles and metallogensis. Geological Society Special Publication, 2022, 513, 1-16.	1.3	12
4	Boron isotopic variations in tourmaline from metacarbonates and associated calc-silicate rocks from the Bohemian Massif: Constraints on boron recycling in the Variscan orogen. Geoscience Frontiers, 2021, 12, 219-230.	8.4	5
5	Petrogenesis of Cenozoic high-Mg (picritic) volcanic rocks in the ĀEeskĀ© stĀ™edohoĀ™Ā-Mts. (Bohemian) Tj ETQq1 1 0.784314 rgB 1.1 0	1.1	0
6	The highly siderophile elements and ReĀ€Os isotope geochemistry of Variscan lamproites from the Bohemian Massif: implications for regionally dependent metasomatism of orogenic mantle. Chemical Geology, 2020, 532, 119290.	3.3	11
7	Lead isotope evolution of the Central European upper mantle: Constraints from the Bohemian Massif. Geoscience Frontiers, 2020, 11, 925-942.	8.4	12
8	Petrographic and SrĀ€NdĀ€PbĀ€Li isotope characteristics of a complex lamproite intrusion from the Saxo-Thuringian Zone: A unique example of peralkaline mantle-derived melt differentiation. Lithos, 2020, 374-375, 105735.	1.4	11
9	Long-Lasting (65 Ma) Regionally Contrasting Late- to Post-Orogenic Variscan Mantle-derived Potassic Magmatism in the Bohemian Massif. Journal of Petrology, 2020, 61, .	2.8	18
10	Chemical weathering in Antarctica: an example of igneous rock particles in Big Lachman Lake sediments, James Ross Island. Environmental Earth Sciences, 2020, 79, 1.	2.7	7
11	<sup>40</sup> Ar/ <sup>39</sup> Ar step-heating dating of phlogopite and kaersutite megacrysts from the Ā½eleznĀ; hĀrka (EisenbĀ¼hl) Pleistocene scoria cone, Czech Republic. Geologica Carpathica, 2020, 71, .	0.7	3
12	Geochemistry and SrĀ€NdĀ€Pb isotope characteristics of Miocene basaltĀ€trachyte rock association in transitional zone between the Outer Western Carpathians and Bohemian Massif. Geologica Carpathica, 2020, 71, .	0.7	1
13	Polymer weathering in Antarctica. Polymer Testing, 2019, 77, 105898.	4.8	3
14	Basaltic Dyke with Specific Volcanogenic Structures and Its Geomorphic Evolution: Unique Geoheritage of the Faroe Islands (North Atlantic Ocean). Geoheritage, 2019, 11, 417-426.	2.8	3
15	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, 2018, 100, 272-284.	1.5	0
16	Driftwood in the Eemian interglacial lacustrine unit from the Faroe Islands and its possible source areas: palaeobotanical and ichnological analysis. Boreas, 2018, 47, 1230-1243.	2.4	0
17	Model of Mercury Flux Associated with Volcanic Activity. Bulletin of Environmental Contamination and Toxicology, 2018, 101, 549-553.	2.7	10
18	Chemistry and Sr-Nd isotope signature of amphiboles of the magnesio-hastingsiteĀ€pargasiteĀ€kaersutite series in Cenozoic volcanic rocks: Insight into lithospheric mantle beneath the Bohemian Massif. Lithos, 2018, 312-313, 308-321.	1.4	19

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19	Behaviour of Multicomponent Geomaterials: Pilot Experimental Study in Rock Mechanics. <i>Procedia Engineering</i> , 2017, 191, 31-35.	1.2	0
20	An endemic ichnoassemblage from a late Miocene paleolake in SE Iceland. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 761-773.	2.3	8
21	Tachylyte in Cenozoic basaltic lavas from the Czech Republic and Iceland: contrasting compositional trends. <i>Mineralogy and Petrology</i> , 2017, 111, 761-775.	1.1	3
22	Origin of the pegmatite veins within the skarn body at Vevříce near Znojmo (Gf&ouml;hl Unit,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	3
23	Triaxial Compression Testing of Multicomponent Geomaterials from Quartz-Poor (Syenitic) Systems. <i>GeoScience Engineering</i> , 2017, 63, 1-7.	0.3	0
24	Petrological and geochemical characteristics of Palaeogene low-rank coal on the Faroe Islands: Restricted effects of alteration by basaltic lava flows. <i>International Journal of Coal Geology</i> , 2016, 165, 157-172.	5.0	6
25	Petrogenesis of orogenic lamproites of the Bohemian Massif: Sr&quot;Nd&quot;Pb&quot;Li isotope constraints for Variscan enrichment of ultra-depleted mantle domains. <i>Gondwana Research</i> , 2016, 35, 198-216.	6.0	60
26	Petrogenesis of Miocene alkaline volcanic suites from western Bohemia: whole rock geochemistry and Sr&quot;Nd&quot;Pb isotopic signatures. <i>Chemie Der Erde</i> , 2016, 76, 77-93.	2.0	26
27	Upper Cretaceous to Pleistocene melilitic volcanic rocks of the Bohemian Massif: petrology and mineral chemistry. <i>Geologica Carpathica</i> , 2015, 66, 197-216.	0.7	11
28	Ultra-trace analysis of Hg in alkaline lavas and regolith from James Ross Island. <i>Antarctic Science</i> , 2015, 27, 281-290.	0.9	10
29	The first evidence of trace fossils and pseudo-fossils in the continental interlava volcanoclastic sediments on the Faroe Islands. <i>Bulletin of the Geological Society of Denmark</i> , 2015, 63, 45-57.	1.1	5
30	Revision of Scheumann&quot;s classification of melilitic lamprophyres and related melilitic rocks in light of new analytical data. <i>Journal of Geosciences (Czech Republic)</i> , 2014, , 3-22.	0.6	18
31	Phlogopite/matrix, clinopyroxene/matrix and clinopyroxene/phlogopite trace-element partitioning in a calc-alkaline lamprophyre: new constrains from the K&sup3;4anovice minette dyke (Bohemian Massif). <i>Journal of Geosciences (Czech Republic)</i> , 2014, , 87-96.	0.6	19
32	Contrasting Origins of the Mixed (NYF + LCT) Signature in Granitic Pegmatites, with Examples from the Moldanubian Zone, Czech Republic. <i>Canadian Mineralogist</i> , 2012, 50, 1077-1094.	1.0	43
33	Mineralogy and petrogenesis of a Ba&quot;Ti&quot;Zr-rich peralkaline dyke from Åebkovice (Czech Republic): Recognition of the most lamproitic Variscan intrusion. <i>Lithos</i> , 2011, 121, 74-86.	1.4	57
34	DISTRIBUTION AND EVOLUTION OF ZIRCONIUM MINERALIZATION IN PERALKALINE GRANITES AND ASSOCIATED PEGMATITES OF THE KHAN BOGD COMPLEX, SOUTHERN MONGOLIA. <i>Canadian Mineralogist</i> , 2011, 49, 947-965.	1.0	42
35	Recycled Poly(Vinyl Butyral) Used as a Barrier to Prevent Mortar Carbonation. <i>Advanced Materials Research</i> , 0, 1000, 28-34.	0.3	6
36	Coal deposits in the Faroe Islands. <i>Geoscience Research Reports</i> , 0, , .	0.0	0

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37	Devil's Wall near Suletice (Hibsch's monchiquite) - a dyke of Cenozoic alkaline lamprophyre in the Stedoho-Mts.. Geoscience Research Reports, 0, , 35-45.	0.0	1