

# Karel Breiter

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,268  
citations

361413

20  
h-index

377865

34  
g-index

40  
all docs

40  
docs citations

40  
times ranked

883  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nearly contemporaneous evolution of the A- and S-type fractionated granites in the Krušné hory/Erzgebirge Mts., Central Europe. <i>Lithos</i> , 2012, 151, 105-121.	1.4	131
2	Chemical characteristics of zircon from A-type granites and comparison to zircon of S-type granites. <i>Lithos</i> , 2014, 192-195, 208-225.	1.4	114
3	Quartz and feldspar zoning in the eastern Erzgebirge volcano-plutonic complex (Germany, Czech Republic). <i>Lithos</i> , 2014, 151, 105-121.	1.4	102
4	Extreme P-, Bi-, Nb-, Sc-, U- and F-rich zircon from fractionated perphosphorous granites: The peraluminous Podlesň granite system, Czech Republic. <i>Lithos</i> , 2006, 88, 15-34.	1.4	93
5	Textural and chemical evolution of a fractionated granitic system: the Podlesň stock, Czech Republic. <i>Lithos</i> , 2005, 80, 323-345.	1.4	91
6	Carboniferous–Permian volcanic evolution in Central Europe—U/Pb ages of volcanic rocks in Saxony (Germany) and northern Bohemia (Czech Republic). <i>International Journal of Earth Sciences</i> , 2013, 102, 73-99.	1.8	69
7	Assessment of magmatic vs. metasomatic processes in rare-metal granites: A case study of the Čáňovec/Zinnwald Sn–W–Li deposit, Central Europe. <i>Lithos</i> , 2017, 292-293, 198-217.	1.4	61
8	Trace element composition of quartz from the Variscan Altenberg–Teplička caldera (Krušné hory/Erzgebirge). <i>Chemical Geology</i> , 2012, 326-327, 36-50.	3.3	55
9	Behavior of trace elements in quartz from plutons of different geochemical signature: A case study from the Bohemian Massif, Czech Republic. <i>Lithos</i> , 2013, 175-176, 54-67.	1.4	55
10	Quartz chemistry – A step to understanding magmatic-hydrothermal processes in ore-bearing granites: Čáňovec/Zinnwald Sn–W–Li deposit, Central Europe. <i>Ore Geology Reviews</i> , 2017, 90, 25-35.	2.7	44
11	Gallium and germanium geochemistry during magmatic fractionation and post-magmatic alteration in different types of granitoids: a case study from the Bohemian Massif (Czech Republic). <i>Geologica Carpathica</i> , 2013, 64, 171-180b.	0.7	43
12	Ore-formation mechanism of the Weilasituo tin–polymetallic deposit, NE China: Constraints from bulk-rock and mica chemistry, He–Ar isotopes, and Re–Os dating. <i>Ore Geology Reviews</i> , 2019, 109, 163-183.	2.7	41
13	Diversity of lithium mica compositions in mineralized granite–greisen system: Čáňovec Li–Sn–W deposit, Erzgebirge. <i>Ore Geology Reviews</i> , 2019, 106, 12-27.	2.7	40
14	Lithium and trace-element concentrations in trioctahedral micas from granites of different geochemical types measured via laser ablation ICP-MS. <i>Mineralogical Magazine</i> , 2017, 81, 15-33.	1.4	33
15	Zircon and whole-rock Zr/Hf ratios as markers of the evolution of granitic magmas: Examples from the Teplička caldera (Czech Republic/Germany). <i>Mineralogy and Petrology</i> , 2017, 111, 435-457.	1.1	32
16	Oxy-schorl, Na(Fe <sub>2</sub> +2Al)Al <sub>6</sub> Si <sub>6</sub> O <sub>18</sub> (BO <sub>3</sub> ) <sub>3</sub> (OH) <sub>3</sub> O, a new mineral from Zlata Idka, Slovak Republic and Pribyslavice, Czech Republic. <i>American Mineralogist</i> , 2013, 98, 485-492.	1.9	30
17	Diversity of Ti–Sn–W–Nb–Ta oxide minerals in the classic granite-related magmatic–hydrothermal Čáňovec/Zinnwald Sn–W–Li deposit (Czech Republic). <i>European Journal of Mineralogy</i> , 2017, 29, 727-738.	1.3	30
18	Chemical signature of quartz from S- and A-type rare-metal granites – A summary. <i>Ore Geology Reviews</i> , 2020, 125, 103674.	2.7	25

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19	Water content of granitic melts from Cornwall and Erzgebirge: A Raman spectroscopy study of melt inclusions. <i>European Journal of Mineralogy</i> , 2006, 18, 429-440.	1.3	24
20	Vertical zonality of fractionated granite plutons reflected in zircon chemistry: the Čáňovec A-type versus the Beauvoir S-type suite. <i>Geologica Carpathica</i> , 2012, 63, 383-398.	0.7	24
21	Monazite and zircon as major carriers of Th, U, and Y in peraluminous granites: examples from the Bohemian Massif. <i>Mineralogy and Petrology</i> , 2016, 110, 767-785.	1.1	19
22	Temporal evolution of mineralization events in the Bohemian Massif inferred from the Re- <sup>40</sup> Os geochronology of molybdenite. <i>Mineralium Deposita</i> , 2017, 52, 651-662.	4.1	18
23	Intensive low-temperature tectono-hydrothermal overprint of peraluminous rare-metal granite: a case study from the Dlhá dolina valley (Gemericum, Slovakia). <i>Geologica Carpathica</i> , 2015, 66, 19-36.	0.7	16
24	Granitoids in the Rozvadov Pluton, Western Bohemia and Oberpfalz. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1995, 84, 506.	1.3	15
25	Composition of zircons from the Cornubian Batholith of SW England and comparison with zircons from other European Variscan rare-metal granites. <i>Mineralogical Magazine</i> , 2016, 80, 1273-1289.	1.4	10
26	Variations of OH defects and chemical impurities in natural quartz within igneous bodies. <i>Physics and Chemistry of Minerals</i> , 2020, 47, 24.	0.8	9
27	Lattice-preferred orientations of late-Variscan granitoids derived from neutron diffraction data: implications for magma emplacement mechanisms. <i>International Journal of Earth Sciences</i> , 2011, 100, 1515-1532.	1.8	8
28	Chemistry of quartz – A new insight into the origin of the Orlovka Ta-Li deposit, Eastern Transbaikalia, Russia. <i>Lithos</i> , 2019, 348-349, 105206.	1.4	8
29	Scandium distribution in the world-class Li-Sn-W Čáňovec greisen-type deposit: Result of a complex magmatic to hydrothermal evolution, implications for scandium valorization. <i>Ore Geology Reviews</i> , 2021, 139, 104433.	2.7	6
30	Mineralogical Evidence for Two Magmatic Stages in the Evolution of an Extremely Fractionated P-rich Rare-metal Granite: the Podlesí Stock, Krusné Hory, Czech Republic. <i>Journal of Petrology</i> , 1997, 38, 1723-1739.	2.8	6
31	Rock textures and mineral zoning – A clue to understanding rare-metal granite evolution: Argemela stock, Central-Eastern Portugal. <i>Lithos</i> , 2022, 410-411, 106562.	1.4	5
32	Ta-Nb mineralization in the shallow-level highly-evolved P-poor Shihuiyao granite, Northeast China. <i>Lithos</i> , 2022, 416-417, 106655.	1.4	4
33	Granitoids in the Rozvadov Pluton, Western Bohemia and Oberpfalz. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1995, 84, 506.	1.3	3
34	Compositional Variability of Monazite-Cheralite-Huttonite Solid Solutions, Xenotime, and Uraninite in Geochemically Distinct Granites with Special Emphasis to the Strongly Fractionated Peraluminous Li-P-Rich Podlesí-Granite System (Erzgebirge/Krusné Hory Mts., Central Europe). <i>Minerals (Basel)</i> , 2020, 10, 2000.	2.0	2
35	New zircon U-Pb dating of the Bohutín Stock in the Pábram Ore Region, Czech Republic. <i>Geoscience Research Reports</i> , 0, , .	0.0	1
36	New rock and mineral data from the Li (Sn, W, Nb, Ta)-deposit Čáňovec-jih. <i>Geoscience Research Reports</i> , 0, , .	0.0	1

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37	Comments to the article by Verner et al.: Magmatic history and geophysical signature of a post-collisional intrusive center. <i>International Journal of Earth Sciences</i> , 2011, 100, 889-891.	1.8	0
38	Abundances of gallium, indium, and thallium in granitoids and their rock-forming minerals: Case study of Bohemian Massif. <i>Geoscience Research Reports</i> , 0, , .	0.0	0
39	Geochemistry and U-Pb zircon ages of Derflice granodiorite from the Thaya (Dyje) Massif. <i>Geoscience Research Reports</i> , 0, , .	0.0	0
40	Response of quartz chemistry to greisenization: Preliminary results from the western Krušné hory/Erzgebirge. <i>Geoscience Research Reports</i> , 0, , .	0.0	0