

Barbara E Kunz

List of Publications by Year in descending order

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papers

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687363

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#	ARTICLE	IF	CITATIONS
1	Coralline algal growth-increment widths archive North Atlantic climate variability. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 302, 71-80.	2.3	68
2	Zircon ages in granulite facies rocks: decoupling from geochemistry above 850°C?. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	62
3	Phase equilibrium constraints on a deep crustal metamorphic field gradient: metapelitic rocks from the Ivrea Zone (NW Italy). <i>Journal of Metamorphic Geology</i> , 2012, 30, 235-254.	3.4	57
4	Permian high-temperature metamorphism in the Western Alps (NW Italy). <i>International Journal of Earth Sciences</i> , 2018, 107, 203-229.	1.8	46
5	High-resolution analysis of trace elements in crustose coralline algae from the North Atlantic and North Pacific by laser ablation ICP-MS. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 302, 81-94.	2.3	43
6	Deeply subducted continental fragments – Part 2: Insight from petrochronology in the central Sesia Zone (western Italian Alps). <i>Solid Earth</i> , 2018, 9, 191-222.	2.8	32
7	Crystal scavenging from mush piles recorded by melt inclusions. <i>Nature Communications</i> , 2019, 10, 5797.	12.8	32
8	Chalcophile elements track the fate of sulfur at Kilauea Volcano, Hawaii. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 282, 245-275.	3.9	32
9	Mg/Ca ratios in coralline algae record northwest Atlantic temperature variations and North Atlantic Oscillation relationships. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	29
10	Phase equilibrium modelling of the amphibolite to granulite facies transition in metabasic rocks (Ivrea Zone). <i>Journal of Metamorphic Geology</i> , 2012, 30, 235-254.	3.4	28
11	Partial melting of metabasic rocks in Val Strona di Omegna, Ivrea Zone, northern Italy. <i>Lithos</i> , 2014, 190-191, 1-12.	1.4	26
12	Elevated magma fluxes deliver high-Cu magmas to the upper crust. <i>Geology</i> , 2020, 48, 957-960.	4.4	18
13	Petrologic monitoring at Volcán de Fuego, Guatemala. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 405, 107044.	2.1	17
14	Pervasive Eclogitization Due to Brittle Deformation and Rehydration of Subducted Basement: Effects on Continental Recycling?. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 865-881.	2.5	14
15	Explosive Activity on Kilauea's Lower East Rift Zone Fueled by a Volatile-Rich, Dacitic Melt. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	10