

Anna B Pietranik

List of Publications by Year in descending order

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33
papers

1,485
citations

471509

17
h-index

434195

31
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33
all docs

33
docs citations

33
times ranked

1608
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerium and Yttrium in apatite as records of magmatic processes: Insight into fractional crystallization, magma mingling and fluid saturation. <i>Chemie Der Erde</i> , 2022, 82, 125864.	2.0	2
2	Ultramafic geoeosystems as a natural source of Ni, Cr, and Co to the environment: A review. <i>Science of the Total Environment</i> , 2021, 755, 142620.	8.0	46
3	Evolution of the Lower Permian Rochlitz volcanic system, Eastern Germany: reconstruction of an intra-continental supereruption. <i>International Journal of Earth Sciences</i> , 2021, 110, 1995-2020.	1.8	8
4	Experimental simulations of Zn Pb slag weathering and its impact on the environment: Effects of acid rain, soil solution, and microbial activity. <i>Journal of Geochemical Exploration</i> , 2021, 228, 106808.	3.2	10
5	Provenance and paleoenvironmental context of the Late Pleistocene thin aeolian silt mantles in southwestern Poland – A widespread parent material for soils. <i>Catena</i> , 2021, 204, 105377.	5.0	19
6	Towards better reconstruction of smelting temperatures: Methodological review and the case of historical K-rich Cu-slugs from the Old Copper Basin, Poland. <i>Journal of Archaeological Science</i> , 2020, 118, 105142.	2.4	17
7	Towards Identification of Zircon Populations in Permo-Carboniferous Rhyolites of Central Europe: Insight from Automated SEM-Mineral Liberation Analyses. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 308.	2.0	2
8	Sources of pollution and distribution of Pb, Cd and Hg in Wrocław soils: Insight from chemical and Pb isotope composition. <i>Chemie Der Erde</i> , 2019, 79, 434-445.	2.0	22
9	Crustal lithology vs. thermal state and Moho heat flow across the NE part of the European Variscan orogen: a case study from SW Poland. <i>International Journal of Earth Sciences</i> , 2019, 108, 673-692.	1.8	8
10	Contrasting sources of Late Paleozoic rhyolite magma in the Polish Lowlands: evidence from U–Pb ages and Hf and O isotope composition in zircon. <i>International Journal of Earth Sciences</i> , 2018, 107, 2065-2081.	1.8	8
11	Cadmium distribution in Pb-Zn slags from Upper Silesia, Poland: Implications for cadmium mobility from slag phases to the environment. <i>Journal of Geochemical Exploration</i> , 2018, 186, 215-224.	3.2	27
12	Understanding Heterogeneity of a Slag-Derived Weathered Material: The Role of Automated SEM-EDS Analyses. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 513.	2.0	15
13	Mineralogical, geochemical, and leaching study of historical Cu-slugs issued from processing of the Zechstein formation (Old Copper Basin, southwestern Poland). <i>Applied Geochemistry</i> , 2018, 98, 22-35.	3.0	34
14	Charakterystyka mineralogiczna faz metalicznych z miedziowych $\frac{1}{4}$ li hutniczych Starego Zagłębia Miedziowego. <i>Przegląd Geologiczny</i> , 2018, 67, 164-166.	0.1	1
15	Zircon record of fractionation, hydrous partial melting and thermal gradients at different depths in oceanic crust (ODP Site 735B, South-West Indian Ocean). <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	3.1	12
16	Lead isotopes and heavy minerals analyzed as tools to understand the distribution of lead and other potentially toxic elements in soils contaminated by Cu smelting (Legnica, Poland). <i>Environmental Science and Pollution Research</i> , 2016, 23, 24350-24363.	5.3	22
17	Rhyolite magma evolution recorded in isotope and trace element composition of zircon from Halle Volcanic Complex. <i>Lithos</i> , 2016, 248-251, 402-417.	1.4	5
18	Two-mica andalusite-bearing granite with no primary muscovite: constraints on the origin of post-magmatic muscovite in two-mica granites. <i>Geoscience Records</i> , 2016, 3, 7-17.	0.0	0

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19	Formation of a laccolith by magma pulses: Evidence from modal and chemical composition of the 500 m long borehole section through the Permo-Carboniferous Landsberg laccolith (Halle Volcanic) Tj ETQq1 1 0.7843140gBT /Overlock 10	1.1	26
20	Plagioclase transfer from a host granodiorite to mafic microgranular enclaves: diverse records of magma mixing. <i>Mineralogy and Petrology</i> , 2014, 108, 681-694.	1.1	26
21	Extensive weathering of zinc smelting slag in a heap in Upper Silesia (Poland): Potential environmental risks posed by mechanical disturbance of slag deposits. <i>Applied Geochemistry</i> , 2014, 40, 70-81.	3.0	50
22	Environmental impact of the historical Cu smelting in the Rudawy Janowickie Mountains (south-western Poland). <i>Journal of Geochemical Exploration</i> , 2013, 124, 183-194.	3.2	99
23	Heterogeneous Zircon Cargo in Voluminous Late Paleozoic Rhyolites: Hf, O Isotope and Zr/Hf Records of Plutonic to Volcanic Magma Evolution. <i>Journal of Petrology</i> , 2013, 54, 1483-1501.	2.8	25
24	The Niemcza diorites and moznodiorites (Sudetes, SW Poland): a record of changing geotectonic setting at ca. 340 Ma.. <i>Geological Quarterly</i> , 2013, 57, .	0.2	6
25	Anthropogenic and lithogenic sources of lead in Lower Silesia (Southwest Poland): An isotope study of soils, basement rocks and anthropogenic materials. <i>Applied Geochemistry</i> , 2012, 27, 1089-1100.	3.0	33
26	Decoding whole rock, plagioclase, zircon and apatite isotopic and geochemical signatures from variably contaminated dioritic magmas. <i>Lithos</i> , 2011, 127, 455-467.	1.4	9
27	MINERALOGY AND COMPOSITION OF HISTORICAL Cu SLAGS FROM THE RUDAWY JANOWICKIE MOUNTAINS, SOUTHWESTERN POLAND. <i>Canadian Mineralogist</i> , 2011, 49, 1281-1296.	1.0	46
28	The generation and evolution of the continental crust. <i>Journal of the Geological Society</i> , 2010, 167, 229-248.	2.1	650
29	Crystallization of quartz dioritic magmas at 2 and 1Åkbar: experimental results. <i>Mineralogy and Petrology</i> , 2009, 97, 1-21.	1.1	23
30	Interactions between dioritic and granodioritic magmas in mingling zones: plagioclase record of mixing, mingling and subsolidus interactions in the GÄ™siniec Intrusion, NE Bohemian Massif, SW Poland. <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 17-36.	3.1	34
31	Episodic, mafic crust formation from 4.5 to 2.8 Ga: New evidence from detrital zircons, Slave craton, Canada. <i>Geology</i> , 2008, 36, 875.	4.4	143
32	Processes and Sources during Late Variscan Dioriticâ€“Tonalitic Magmatism: Insights from Plagioclase Chemistry (GÄ™siniec Intrusion, NE Bohemian Massif, Poland). <i>Journal of Petrology</i> , 2008, 49, 1619-1645.	2.8	32
33	Crystallization and resorption in plutonic plagioclase: Implications on the evolution of granodiorite magma (GÄ™siniec granodiorite, Strzelin Crystalline Massif, SW Poland). <i>Lithos</i> , 2006, 86, 260-280.	1.4	44