Peter Thy

List of Publications by Year
in descending order

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60 papers	2,598 citations	201674 27 h-index	189892 50 g-index
61 all docs	61 docs citations	61 times ranked	2077 citing authors

#	Article	IF	Citations
1	Anthropocene Geochemical and Technological Signatures of an Experimental Landfill Bioreactor in the Central Valley of California. Anthropocene Science, 2022, 1, 246-263.	2.9	1
2	Effects of Leaching Method and Ashing Temperature of Rice Residues for Energy Production and Construction Materials. ACS Sustainable Chemistry and Engineering, 2021, 9, 3677-3687.	6.7	2
3	Air and Steam Gasification of Almond Biomass. Frontiers in Energy Research, 2019, 7, .	2.3	17
4	Pretreatment of lignocellulosic biomass using bioleaching to reduce inorganic elements. Fuel, 2019, 246, 386-393.	6.4	14
5	Fire conditions and source materials recorded in scoria from an intentional fire at Store Tovstrup Iron Age house, Central Jutland, Denmark. Journal of Archaeological Science: Reports, 2018, 21, 702-711.	0.5	0
6	Trace metal release during wood pyrolysis. Fuel, 2017, 203, 548-556.	6.4	14
7	Characterization of almond processing residues from the Central Valley of California for thermal conversion. Fuel Processing Technology, 2015, 140, 132-147.	7.2	28
8	Anthropogenic origin of siliceous scoria droplets from Pleistocene and Holocene archaeological sites in northern Syria. Journal of Archaeological Science, 2015, 54, 193-209.	2.4	13
9	A fundamental dispute: A discussion of â€œOn some fundamentals of igneous petrologyâ€•by Bruce D. Marsh, Contributions to Mineralogy and Petrology (2013) 166: 665â€“690. Contributions To Mineralogy and Petrology, 2015, 169, 1.	3.1	30
10	Influence of leaching pretreatment on fuel properties of biomass. Fuel Processing Technology, 2014, 128, 43-53.	7.2	103
11	Inorganic Composition of Saline-Irrigated Biomass. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	6
12	Further work on experimental plagioclase equilibria and the Skaergaard liquidus temperature. American Mineralogist, 2013, 98, 1360-1367.	1.9	12
13	Inorganic Composition and Environmental Impact of Biomass Feedstock. Energy & Fuels, 2013, 27, 3969-3987.	5.1	48
14	Mercury in Biomass Feedstock and Combustion Residuals. Water, Air, and Soil Pollution, 2010, 209, 429-437.	2.4	21
15	Bed agglomeration in fluidized combustor fueled by wood and rice straw blends. Fuel Processing Technology, 2010, 91, 1464-1485.	7.2	42
16	Island arc tholeiite to boninitic melt evolution of the Cretaceous Kizildag (Turkey) ophiolite: Model for multi-stage early arcâ€“forearc magmatism in Tethyan subduction factories. Lithos, 2009, 113, 68-87.	1.4	229
17	The Skaergaard liquid line of descent revisited. Contributions To Mineralogy and Petrology, 2009, 157, 735-747.	3.1	66
18	On representative sampling and reliable chemical characterization in thermal biomass conversion studies. Biomass and Bioenergy, 2009, 33, 1513-1519.	5.7	17

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19	Differentiation and Compaction in the Skaergaard Intrusion. Journal of Petrology, 2009, 50, 813-840.	2.8	144
20	Liquidus temperatures of the Skaergaard magma. American Mineralogist, 2009, 94, 1371-1376.	1.9	19
21	On the Skaergaard intrusion and forward modeling of its liquid line of descent: A reply to â€œPrinciples of applied experimental igneous petrologyâ€•by Morse, 2008, Lithos 105, pp. 395â˜399. Lithos, 2008, 105, 401-411.	1.4	7
22	Age and petrogenesis of plagiogranite intrusions in the Ankara melange, central Turkey. Island Arc, 2006, 15, 44-57.	1.1	137
23	High temperature elemental losses and mineralogical changes in common biomass ashes. Fuel, 2006, 85, 783-795.	6.4	217
24	Compositional constraints on slag formation and potassium volatilization from rice straw blended wood fuel. Fuel Processing Technology, 2006, 87, 383-408.	7.2	68
25	Experimental constraints on the Skaergaard liquid line of descent. Lithos, 2006, 92, 154-180.	1.4	99
26	Analytical Controlled Losses of Potassium from Straw Ashes. Energy & Fuels, 2005, 19, 2571-2575.	5.1	16
27	Development of ophiolitic perspectives on models of oceanic magma chambers beneath active spreading centers. , 2003, , .		6
28	Experimental determination of high-temperature elemental losses from biomass slag. Fuel, 2000, 79, 693-700.	6.4	115
29	Magmatic and tectonic controls on the evolution of oceanic magma chambers at slow-spreading ridges: Perspectives from ophiolitic and continental layered intrusions. , 2000, , .		3
30	High-Temperature Melting Behavior of Urban Wood Fuel Ash. Energy & Fuels, 1999, 13, 839-850.	5.1	43
31	Structure and petrology of Tauride ophiolites and mafic dike intrusions (Turkey): Implications for the Neotethyan ocean. Bulletin of the Geological Society of America, 1999, 111, 1192-1216.	3.3	262
32	Structure, petrology and seafloor spreading tectonics of the Kizildag Ophiolite, Turkey. Geological Society Special Publication, 1998, 148, 43-69.	1.3	43
33	Experimental constraints on the evolution of transitional and mildly alkalic basalts: crystallization of spinel. Lithos, 1995, 36, 103-114.	1.4	10
34	Implications of prehistoric glassy biomass slag from east-central Botswana. Journal of Archaeological Science, 1995, 22, 629-637.	2.4	34
35	Experimental constraints on the low-pressure evolution of transitional and mildly alkalic basalts: the effect of Fe-Ti oxide minerals and the origin of basaltic andesites. Contributions To Mineralogy and Petrology, 1994, 116, 340-351.	3.1	62
36	Seafloor spreading and the ophiolitic sequences of the Troodos Complex: A principal component analysis of lava and dike compositions. Journal of Geophysical Research, 1993, 98, 11799-11805.	3.3	23

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37	Petrology of basaltic sills from Ocean Drilling Program sites 794 and 797 in the Yamato Basin of the Japan Sea. Journal of Geophysical Research, 1992, 97, 9027-9042.	3.3	2
38	Reply [to â€œComment on â€˜Tectonic evolution of the Troodos ophiolite within the Tethyan frameworkâ€™â€]. Tectonics, 1992, 11, 916-923.	2.8	4
39	Experimental constraints on the low-pressure evolution of transitional and mildly alkalic basalts: multisaturated liquids and coexisting augites. Contributions To Mineralogy and Petrology, 1992, 112, 196-202.	3.1	12
40	Crystallization Orders and Phase Chemistry of Glassy Lavas from the Pillow Sequences, Troodos Ophiolite, Cyprus. Journal of Petrology, 1991, 32, 403-428.	2.8	27
41	Melting Relations and the Evolution of the Jan Mayen Magma System. Journal of Petrology, 1991, 32, 303-332.	2.8	28
42	Episodic dike intrusions in the northwestern Sierra Nevada, California: Implications for multistage evolution of a Jurassic arc terrane. Geology, 1991, 19, 180.	4.4	27
43	High and low pressure phase equilibria of a mildly alkalic lava from the 1965 Surtsey eruption: Experimental results. Lithos, 1991, 26, 223-243.	1.4	60
44	High and low pressure phase equilibria of a mildly alkalic lava from the 1965 Surtsey eruption: Implications for the evolution of mildly alkalic and transitional basalts in the south-eastern propagating rift zone of Iceland.. Lithos, 1991, 26, 253-269.	1.4	11
45	Experimental Constraints on the Origin of Icelandic Rhyolites. Journal of Geology, 1990, 98, 417-421.	1.4	84
46	Tectonic evolution of the Troodos Ophiolite within the Tethyan Framework. Tectonics, 1990, 9, 811-823.	2.8	79
47	Crustal accretion and tectonic setting of the Troodos ophiolite, Cyprus. Tectonophysics, 1988, 147, 221-245.	2.2	21
48	Petrogenetic implications of mineral crystallization trends of Troodos cumulates, Cyprus. Geological Magazine, 1987, 124, 1-11.	1.5	32
49	Magmas and magma chamber evolution, Troodos ophiolite, Cyprus. Geology, 1987, 15, 316.	4.4	23
50	Mineral chemistry and crystallization sequences in kimberlite and lamproite dikes from the Sisimiut area, central West Greenland. Lithos, 1987, 20, 391-417.	1.4	27
51	Tectonic and petrogenetic implications of major and rare earth element chemistry of Troodos glasses, Cyprus. Lithos, 1985, 18, 165-178.	1.4	29
52	Phase relations in transitional and alkali basaltic glasses from Iceland. Contributions To Mineralogy and Petrology, 1983, 82, 232-251.	3.1	24
53	Spinel minerals in transitional and alkali basaltic glasses from Iceland. Contributions To Mineralogy and Petrology, 1983, 83, 141-149.	3.1	47
54	Origin of fine-grained granular rocks in layered intrusions. Geological Magazine, 1982, 119, 405-412.	1.5	6

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55	Origin of certain types of small-scale igneous layering from the Fongenâ€"Hyllingen basic complex, Norway. Gff, 1982, 104, 33-42.	0.4	3
56	Titanomagnetite and ilmenite in the Fongen-Hyllingen basic complex, Norway. Lithos, 1982, 15, 1-16.	1.4	11
57	A new pyroxene fractionation trend from a layered basic intrusion. Nature, 1981, 290, 325-326.	27.8	6
58	Igneous Petrology of the Synorogenic Fongen-Hyllingen Layered Basic Complex, South-Central Scandinavian Caledonides. Journal of Petrology, 1981, 22, 584-627.	2.8	33
59	Primary igneous load-cast deformation structures in the Fongen-Hyllingen layered basic intrusion, Trondheim Region, Norway. Geological Magazine, 1980, 117, 363-371.	1.5	18
60	Palaeomagnetism of the Fongen-Hyllingen gabbro complex, southern Scandinavian Caledonides; plate rotation or polar shift?. Geophysical Journal International, 1979, 59, 231-248.	2.4	11