

# 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	Structure and petrology of Tauride ophiolites and mafic dike intrusions (Turkey): Implications for the Neotethyan ocean. <i>Bulletin of the Geological Society of America</i> , 1999, 111, 1192-1216.	3.3	262
2	Island arc tholeiite to boninitic melt evolution of the Cretaceous Kizildag (Turkey) ophiolite: Model for multi-stage early arc forearc magmatism in Tethyan subduction factories. <i>Lithos</i> , 2009, 113, 68-87.	1.4	229
3	High temperature elemental losses and mineralogical changes in common biomass ashes. <i>Fuel</i> , 2006, 85, 783-795.	6.4	217
4	Differentiation and Compaction in the Skaergaard Intrusion. <i>Journal of Petrology</i> , 2009, 50, 813-840.	2.8	144
5	Age and petrogenesis of plagiogranite intrusions in the Ankara melange, central Turkey. <i>Island Arc</i> , 2006, 15, 44-57.	1.1	137
6	Experimental determination of high-temperature elemental losses from biomass slag. <i>Fuel</i> , 2000, 79, 693-700.	6.4	115
7	Influence of leaching pretreatment on fuel properties of biomass. <i>Fuel Processing Technology</i> , 2014, 128, 43-53.	7.2	103
8	Experimental constraints on the Skaergaard liquid line of descent. <i>Lithos</i> , 2006, 92, 154-180.	1.4	99
9	Experimental Constraints on the Origin of Icelandic Rhyolites. <i>Journal of Geology</i> , 1990, 98, 417-421.	1.4	84
10	Tectonic evolution of the Troodos Ophiolite within the Tethyan Framework. <i>Tectonics</i> , 1990, 9, 811-823.	2.8	79
11	Compositional constraints on slag formation and potassium volatilization from rice straw blended wood fuel. <i>Fuel Processing Technology</i> , 2006, 87, 383-408.	7.2	68
12	The Skaergaard liquid line of descent revisited. <i>Contributions To Mineralogy and Petrology</i> , 2009, 157, 735-747.	3.1	66
13	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. <i>Contributions To Mineralogy and Petrology</i> , 1994, 116, 340-351.	3.1	62
14	High and low pressure phase equilibria of a mildly alkalic lava from the 1965 Surtsey eruption: Experimental results. <i>Lithos</i> , 1991, 26, 223-243.	1.4	60
15	Inorganic Composition and Environmental Impact of Biomass Feedstock. <i>Energy &amp; Fuels</i> , 2013, 27, 3969-3987.	5.1	48
16	Spinel minerals in transitional and alkali basaltic glasses from Iceland. <i>Contributions To Mineralogy and Petrology</i> , 1983, 83, 141-149.	3.1	47
17	Structure, petrology and seafloor spreading tectonics of the Kizildag Ophiolite, Turkey. <i>Geological Society Special Publication</i> , 1998, 148, 43-69.	1.3	43
18	High-Temperature Melting Behavior of Urban Wood Fuel Ash. <i>Energy &amp; Fuels</i> , 1999, 13, 839-850.	5.1	43

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19	Bed agglomeration in fluidized combustor fueled by wood and rice straw blends. <i>Fuel Processing Technology</i> , 2010, 91, 1464-1485.	7.2	42
20	Implications of prehistoric glassy biomass slag from east-central Botswana. <i>Journal of Archaeological Science</i> , 1995, 22, 629-637.	2.4	34
21	Igneous Petrology of the Synorogenic Fongen-Hyllingen Layered Basic Complex, South-Central Scandinavian Caledonides. <i>Journal of Petrology</i> , 1981, 22, 584-627.	2.8	33
22	Petrogenetic implications of mineral crystallization trends of Troodos cumulates, Cyprus. <i>Geological Magazine</i> , 1987, 124, 1-11.	1.5	32
23	A fundamental dispute: A discussion of "On some fundamentals of igneous petrology" by Bruce D. Marsh, <i>Contributions to Mineralogy and Petrology</i> (2013) 166: 665-690. <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	3.1	30
24	Tectonic and petrogenetic implications of major and rare earth element chemistry of Troodos glasses, Cyprus. <i>Lithos</i> , 1985, 18, 165-178.	1.4	29
25	Melting Relations and the Evolution of the Jan Mayen Magma System. <i>Journal of Petrology</i> , 1991, 32, 303-332.	2.8	28
26	Characterization of almond processing residues from the Central Valley of California for thermal conversion. <i>Fuel Processing Technology</i> , 2015, 140, 132-147.	7.2	28
27	Mineral chemistry and crystallization sequences in kimberlite and lamproite dikes from the Sisimiut area, central West Greenland. <i>Lithos</i> , 1987, 20, 391-417.	1.4	27
28	Crystallization Orders and Phase Chemistry of Glassy Lavas from the Pillow Sequences, Troodos Ophiolite, Cyprus. <i>Journal of Petrology</i> , 1991, 32, 403-428.	2.8	27
29	Episodic dike intrusions in the northwestern Sierra Nevada, California: Implications for multistage evolution of a Jurassic arc terrane. <i>Geology</i> , 1991, 19, 180.	4.4	27
30	Phase relations in transitional and alkali basaltic glasses from Iceland. <i>Contributions To Mineralogy and Petrology</i> , 1983, 82, 232-251.	3.1	24
31	Magmas and magma chamber evolution, Troodos ophiolite, Cyprus. <i>Geology</i> , 1987, 15, 316.	4.4	23
32	Seafloor spreading and the ophiolitic sequences of the Troodos Complex: A principal component analysis of lava and dike compositions. <i>Journal of Geophysical Research</i> , 1993, 98, 11799-11805.	3.3	23
33	Crustal accretion and tectonic setting of the Troodos ophiolite, Cyprus. <i>Tectonophysics</i> , 1988, 147, 221-245.	2.2	21
34	Mercury in Biomass Feedstock and Combustion Residuals. <i>Water, Air, and Soil Pollution</i> , 2010, 209, 429-437.	2.4	21
35	Liquidus temperatures of the Skaergaard magma. <i>American Mineralogist</i> , 2009, 94, 1371-1376.	1.9	19
36	Primary igneous load-cast deformation structures in the Fongen-Hyllingen layered basic intrusion, Trondheim Region, Norway. <i>Geological Magazine</i> , 1980, 117, 363-371.	1.5	18

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37	On representative sampling and reliable chemical characterization in thermal biomass conversion studies. <i>Biomass and Bioenergy</i> , 2009, 33, 1513-1519.	5.7	17
38	Air and Steam Gasification of Almond Biomass. <i>Frontiers in Energy Research</i> , 2019, 7, .	2.3	17
39	Analytical Controlled Losses of Potassium from Straw Ashes. <i>Energy &amp; Fuels</i> , 2005, 19, 2571-2575.	5.1	16
40	Trace metal release during wood pyrolysis. <i>Fuel</i> , 2017, 203, 548-556.	6.4	14
41	Pretreatment of lignocellulosic biomass using bioleaching to reduce inorganic elements. <i>Fuel</i> , 2019, 246, 386-393.	6.4	14
42	Anthropogenic origin of siliceous scoria droplets from Pleistocene and Holocene archaeological sites in northern Syria. <i>Journal of Archaeological Science</i> , 2015, 54, 193-209.	2.4	13
43	Experimental constraints on the low-pressure evolution of transitional and mildly alkalic basalts: multisaturated liquids and coexisting augites. <i>Contributions To Mineralogy and Petrology</i> , 1992, 112, 196-202.	3.1	12
44	Further work on experimental plagioclase equilibria and the Skaergaard liquidus temperature. <i>American Mineralogist</i> , 2013, 98, 1360-1367.	1.9	12
45	Palaeomagnetism of the Fongen-Hyllingen gabbro complex, southern Scandinavian Caledonides; plate rotation or polar shift?. <i>Geophysical Journal International</i> , 1979, 59, 231-248.	2.4	11
46	Titanomagnetite and ilmenite in the Fongen-Hyllingen basic complex, Norway. <i>Lithos</i> , 1982, 15, 1-16.	1.4	11
47	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.. <i>Lithos</i> , 1991, 26, 253-269.	1.4	11
48	Experimental constraints on the evolution of transitional and mildly alkalic basalts: crystallization of spinel. <i>Lithos</i> , 1995, 36, 103-114.	1.4	10
49	On the Skaergaard intrusion and forward modeling of its liquid line of descent: A reply to "Principles of applied experimental igneous petrology" by Morse, 2008, <i>Lithos</i> 105, pp. 395-399. <i>Lithos</i> , 2008, 105, 401-411.	1.4	7
50	A new pyroxene fractionation trend from a layered basic intrusion. <i>Nature</i> , 1981, 290, 325-326.	27.8	6
51	Origin of fine-grained granular rocks in layered intrusions. <i>Geological Magazine</i> , 1982, 119, 405-412.	1.5	6
52	Development of ophiolitic perspectives on models of oceanic magma chambers beneath active spreading centers. , 2003, , .		6
53	Inorganic Composition of Saline-Irrigated Biomass. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	6
54	Reply [to "Comment on "Tectonic evolution of the Troodos ophiolite within the Tethyan framework". <i>Tectonics</i> , 1992, 11, 916-923.	2.8	4

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55	Origin of certain types of small-scale igneous layering from the Fongen-Hyllingen basic complex, Norway. <i>Gff</i> , 1982, 104, 33-42.	0.4	3
56	Magmatic and tectonic controls on the evolution of oceanic magma chambers at slow-spreading ridges: Perspectives from ophiolitic and continental layered intrusions. , 2000, , .		3
57	Petrology of basaltic sills from Ocean Drilling Program sites 794 and 797 in the Yamato Basin of the Japan Sea. <i>Journal of Geophysical Research</i> , 1992, 97, 9027-9042.	3.3	2
58	Effects of Leaching Method and Ashing Temperature of Rice Residues for Energy Production and Construction Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 3677-3687.	6.7	2
59	Anthropocene Geochemical and Technological Signatures of an Experimental Landfill Bioreactor in the Central Valley of California. <i>Anthropocene Science</i> , 2022, 1, 246-263.	2.9	1
60	Fire conditions and source materials recorded in scoria from an intentional fire at Store Tovstrup Iron Age house, Central Jutland, Denmark. <i>Journal of Archaeological Science: Reports</i> , 2018, 21, 702-711.	0.5	0