

# Ian E M Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1664174/publications.pdf>

Version: 2024-02-01

126  
papers

6,630  
citations

41344

49  
h-index

82547

72  
g-index

126  
all docs

126  
docs citations

126  
times ranked

3248  
citing authors

#	ARTICLE	IF	CITATIONS
1	238U–230Th disequilibria, magma petrogenesis, and flux rates beneath the depleted Tonga-Kermadec island arc. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4855-4884.	3.9	355
2	Geology of Eastern Papua. <i>Bulletin of the Geological Society of America</i> , 1971, 82, 3299.	3.3	209
3	Shallow-seated controls on styles of explosive basaltic volcanism: a case study from New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1999, 91, 97-120.	2.1	164
4	An integrated model for the temporal evolution of andesites and rhyolites and crustal development in New Zealand's North Island. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 140, 1-24.	2.1	157
5	Petrology and petrogenesis of volcanic rocks from the Taupo Volcanic Zone: a review. <i>Journal of Volcanology and Geothermal Research</i> , 1995, 68, 59-87.	2.1	156
6	The geochemistry and petrogenesis of basalts from the Taupo Volcanic Zone and Kermadec Island Arc, S.W. Pacific. <i>Journal of Volcanology and Geothermal Research</i> , 1993, 54, 265-290.	2.1	143
7	Basalt and Sediment Geochemistry and Magma Petrogenesis in a Transect from Oceanic Island Arc to Rifted Continental Margin Arc: the Kermadec–Hikurangi Margin, SW Pacific. <i>Journal of Petrology</i> , 1996, 37, 1523-1546.	2.8	139
8	Delayed partial melting of subduction-modified mantle in Papua New Guinea. <i>Tectonophysics</i> , 1978, 46, 197-216.	2.2	119
9	A fifty year perspective of magmatic evolution on Ruapehu Volcano, New Zealand: verification of open system behaviour in an arc volcano. <i>Earth and Planetary Science Letters</i> , 1999, 170, 301-314.	4.4	113
10	Mechanisms driving polymagmatic activity at a monogenetic volcano, Udo, Jeju Island, South Korea. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 931-950.	3.1	113
11	A model for calculating eruptive volumes for monogenetic volcanoes – Implication for the Quaternary Auckland Volcanic Field, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 266, 16-33.	2.1	109
12	The Anatomy of an Andesite Volcano: a Time–Stratigraphic Study of Andesite Petrogenesis and Crustal Evolution at Ruapehu Volcano, New Zealand. <i>Journal of Petrology</i> , 2012, 53, 2139-2189.	2.8	103
13	<sup>40</sup> Ar/ <sup>39</sup> Ar geochronology of magmatic activity, magma flux and hazards at Ruapehu volcano, Taupo Volcanic Zone, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 120, 271-287.	2.1	102
14	Asthenospheric Control of Melting Processes in a Monogenetic Basaltic System: a Case Study of the Auckland Volcanic Field, New Zealand. <i>Journal of Petrology</i> , 2013, 54, 2125-2153.	2.8	97
15	A detailed tephrostratigraphic framework at Merapi Volcano, Central Java, Indonesia: implications for eruption predictions and hazard assessment. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 100, 51-67.	2.1	96
16	Sequential eruption of alkaline and sub-alkaline magmas from a small monogenetic volcano in the Auckland Volcanic Field, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 201, 126-142.	2.1	92
17	Deep-seated fractionation during the rise of a small-volume basalt magma batch: Crater Hill, Auckland, New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 2008, 155, 511-527.	3.1	87
18	Randomized Interventional Study on Prediction of Preeclampsia/Eclampsia in Women With Suspected Preeclampsia. <i>Hypertension</i> , 2019, 74, 983-990.	2.7	84

#	ARTICLE	IF	CITATIONS
19	The petrology of a large intra-oceanic silicic eruption: the Sandy Bay Tephra, Kermadec Arc, Southwest Pacific. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 124, 173-194.	2.1	80
20	The petrology, phase relations and tectonic setting of basalts from the taupo volcanic zone, New Zealand and the Kermadec Island arc - havre trough, SW Pacific. <i>Journal of Volcanology and Geothermal Research</i> , 1990, 43, 253-270.	2.1	79
21	Peralkaline rhyolites associated with andesitic arcs of the southwest Pacific. <i>Earth and Planetary Science Letters</i> , 1977, 37, 230-236.	4.4	78
22	How Small-volume Basaltic Magmatic Systems Develop: a Case Study from the Jeju Island Volcanic Field, Korea. <i>Journal of Petrology</i> , 2012, 53, 985-1018.	2.8	78
23	Transition from effusive to explosive phases in andesite eruptions – A case-study from the AD1655 eruption of Mt. Taranaki, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2007, 161, 15-34.	2.1	77
24	K <sup>40</sup> Ar ages of early Miocene arc-type volcanoes in northern New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2001, 44, 285-311.	1.8	76
25	The Tonga–Kermadec arc and Havre–Lau back-arc system: Their role in the development of tectonic and magmatic models for the western Pacific. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 156, 315-331.	2.1	72
26	New SW Pacific tectonic model: Cyclical intraoceanic magmatic arc construction and near-coeval emplacement along the Australia–Pacific margin in the Cenozoic. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	70
27	Spatio-temporal evolution of a dispersed magmatic system and its implications for volcano growth, Jeju Island Volcanic Field, Korea. <i>Lithos</i> , 2012, 148, 337-352.	1.4	70
28	Southeastern Papua: Generation of thick crust in a tensional environment?. <i>Geology</i> , 1975, 3, 117.	4.4	67
29	Northland ophiolite, New Zealand, and implications for plate-tectonic evolution of the southwest Pacific. <i>Geology</i> , 1992, 20, 149.	4.4	67
30	The inception and progression of melting in a monogenetic eruption: Motukorea Volcano, the Auckland Volcanic Field, New Zealand. <i>Lithos</i> , 2012, 155, 360-374.	1.4	67
31	Volcanic rock associations at convergent plate boundaries: Reappraisal of the concept using case histories from Papua New Guinea. <i>Bulletin of the Geological Society of America</i> , 1978, 89, 96.	3.3	66
32	Petrology and dynamics of the Waimihia mixed magma eruption, Taupo Volcano, New Zealand. <i>Journal of the Geological Society</i> , 1992, 149, 193-207.	2.1	66
33	Evolution of high-K arc magma, Egmont volcano, Taranaki, New Zealand: evidence from mineral chemistry. <i>Journal of Volcanology and Geothermal Research</i> , 1996, 74, 275-295.	2.1	66
34	Amplified hazard of small-volume monogenetic eruptions due to environmental controls, Orakei Basin, Auckland Volcanic Field, New Zealand. <i>Bulletin of Volcanology</i> , 2012, 74, 2121-2137.	3.0	66
35	Petrology and Geochemistry of Intraplate Basalts in the South Auckland Volcanic Field, New Zealand: Evidence for Two Coeval Magma Suites from Distinct Sources. <i>Journal of Petrology</i> , 2004, 46, 473-503.	2.8	64
36	Unravelling a complex volcanic history from fine-grained, intricate Holocene ash sequences at the Tongariro Volcanic Centre, New Zealand. <i>Quaternary International</i> , 2011, 246, 352-363.	1.5	63

#	ARTICLE	IF	CITATIONS
37	Origin of oceanic phonolites by crystal fractionation and the problem of the Daly gap: an example from Rarotonga. <i>Contributions To Mineralogy and Petrology</i> , 2001, 142, 336-346.	3.1	62
38	Using titanomagnetite textures to elucidate volcanic eruption histories. <i>Geology</i> , 2008, 36, 31.	4.4	61
39	Age relationships and tectonic implications of late Cenozoic basaltic volcanism in Northland, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1993, 36, 385-393.	1.8	59
40	Late Holocene lava flow morphotypes of northern Harrat Rahat, Kingdom of Saudi Arabia: Implications for the description of continental lava fields. <i>Journal of Asian Earth Sciences</i> , 2014, 84, 131-145.	2.3	58
41	Pb-Nd-Sr isotopic compositions and trace element characteristics of young volcanic rocks from Egmont Volcano and comparisons with basalts and andesites from the Taupo Volcanic Zone, New Zealand. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 941-953.	3.9	57
42	Petrogenesis of dacite in an oceanic subduction environment: Raoul Island, Kermadec arc. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 156, 252-265.	2.1	56
43	Mixed deposits of complex magmatic and phreatomagmatic volcanism: an example from Crater Hill, Auckland, New Zealand. <i>Bulletin of Volcanology</i> , 1996, 58, 59-66.	3.0	55
44	The Petrology of the Rotoiti Eruption Sequence, Taupo Volcanic Zone: an Example of Fractionation and Mixing in a Rhyolitic System. <i>Journal of Petrology</i> , 2004, 45, 2045-2066.	2.8	55
45	Chemical discontinuities in Archean metavolcanic terrains and the development of Archean crust. <i>Precambrian Research</i> , 1980, 10, 301-311.	2.7	54
46	Kâ€Ar ages, paleomagnetism, and geochemistry of the South Auckland volcanic field, North Island, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1994, 37, 143-153.	1.8	54
47	Melt generation models for the Auckland volcanic field, New Zealand: constraints from UTh isotopes. <i>Earth and Planetary Science Letters</i> , 1997, 149, 67-84.	4.4	53
48	High potassium calc-alkaline rocks from Cape Nelson, eastern Papua. <i>Contributions To Mineralogy and Petrology</i> , 1970, 28, 259-271.	3.1	52
49	Geochemistry of late Cenozoic basaltic volcanism in Northland and Coromandel, New Zealand: implications for mantle enrichment processes. <i>Chemical Geology</i> , 2000, 164, 219-238.	3.3	52
50	Intraplate volcanism influenced by distal subduction tectonics at Jeju Island, Republic of Korea. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	52
51	Dynamics of melting beneath a small-scale basaltic system: a U-Thâ€Ra study from Rangitoto volcano, Auckland volcanic field, New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 547-563.	3.1	51
52	Magma Evolution in the Primitive, Intra-oceanic Tonga Arc: Rapid Petrogenesis of Dacites at Fonualei Volcano. <i>Journal of Petrology</i> , 2012, 53, 1231-1253.	2.8	51
53	The Origin and Significance of Garnet Phenocrysts and Garnet-Bearing Xenoliths in Miocene Calc-alkaline Volcanics from Northland, New Zealand. <i>Journal of Petrology</i> , 1992, 33, 125-161.	2.8	48
54	Characterization and quantification of suspended sediment sources to the Manawatu River, New Zealand. <i>Science of the Total Environment</i> , 2016, 543, 171-186.	8.0	48

#	ARTICLE	IF	CITATIONS
55	Volcanic evolution in eastern Papua. <i>Tectonophysics</i> , 1982, 87, 315-333.	2.2	47
56	Structure and petrology of newly discovered volcanic centers in the northern Kermadecâ€“southern Tofua arc, South Pacific Ocean. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	47
57	Phreatomagmatic eruptions through unconsolidated coastal plain sequences, Maungataketake, Auckland Volcanic Field (New Zealand). <i>Journal of Volcanology and Geothermal Research</i> , 2014, 276, 46-63.	2.1	47
58	Whole-rock geochemical reference data for Torlesse and Waipapa terranes, North Island, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2015, 58, 213-228.	1.8	47
59	A geomagnetic excursion in the Brunhes epoch recorded in New Zealand basalts. <i>Earth and Planetary Science Letters</i> , 1992, 111, 41-48.	4.4	46
60	Geochemistry and heat transfer processes in Quaternary rhyolitic systems of The Taupo Volcanic Zone, New Zealand. <i>Tectonophysics</i> , 1993, 223, 213-235.	2.2	45
61	Correspondence between glass-FT and <sup>14</sup> C ages of silicic pyroclastic flow deposits sourced from Maninjau caldera, west-central Sumatra. <i>Earth and Planetary Science Letters</i> , 2004, 227, 121-133.	4.4	45
62	Link between SSZ ophiolite formation, emplacement and arc inception, Northland, New Zealand: Uâ€“Pb SHRIMP constraints; Cenozoic SW Pacific tectonic implications. <i>Earth and Planetary Science Letters</i> , 2006, 250, 606-632.	4.4	45
63	Geophysical evidence for temporal and structural relationships within the monogenetic basalt volcanoes of the Auckland volcanic field, northern New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1993, 57, 71-83.	2.1	42
64	Integrating records of explosive and effusive activity from proximal and distal sequences: Mt. Taranaki, New Zealand. <i>Quaternary International</i> , 2011, 246, 364-373.	1.5	41
65	Final Magma Storage Depth Modulation of Explosivity and Trachyteâ€“Phonolite Genesis at an Intraplate Volcano: a Case Study from Ulleung Island, South Korea. <i>Journal of Petrology</i> , 2014, 55, 709-747.	2.8	41
66	Felsic volcanism in the Kermadec arc, SW Pacific: crustal recycling in an oceanic setting. <i>Geological Society Special Publication</i> , 2003, 219, 99-118.	1.3	40
67	The influence of magma plumbing complexity on monogenetic eruptions, Jeju Island, Korea. <i>Terra Nova</i> , 2011, 23, 70-75.	2.1	40
68	Probabilistic Assessment of Vent Locations for the Next Auckland Volcanic Field Event. <i>Mathematical Geosciences</i> , 2005, 37, 227-242.	0.9	38
69	Improving the reliability of microprobe-based analyses of andesitic glasses for tephra correlation. <i>Holocene</i> , 2007, 17, 573-583.	1.7	37
70	Tephrostratigraphy and geochemical fingerprinting of the Mangaone Subgroup tephra beds, Okataina Volcanic Centre, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2002, 45, 207-219.	1.8	36
71	Palaeointensities of the Auckland geomagnetic excursions by the LTD-DHT Shaw method. <i>Physics of the Earth and Planetary Interiors</i> , 2006, 154, 168-179.	1.9	36
72	Magmatic peridotites and pyroxenites, Andong Ultramafic Complex, Korea: Geochemical evidence for supra-subduction zone formation and extensive meltâ€“rock interaction. <i>Lithos</i> , 2011, 127, 599-618.	1.4	36

#	ARTICLE	IF	CITATIONS
73	Auckland Volcanic Field magmatism, volcanism, and hazard: a review. <i>New Zealand Journal of Geology, and Geophysics</i> , 0, , 1-22.	1.8	36
74	Formation and emplacement of the Northland ophiolite, northern New Zealand: SW Pacific tectonic implications. <i>Journal of the Geological Society</i> , 2005, 162, 225-241.	2.1	35
75	The origin of reversed geochemical zoning in the northern New Hebrides volcanic arc. <i>Contributions To Mineralogy and Petrology</i> , 1982, 81, 148-155.	3.1	33
76	Isotopic compositions of late Cenozoic volcanics from southeast Papua New Guinea: Evidence for multi-component sources in arc and rift environments. <i>Chemical Geology</i> , 1992, 97, 233-249.	3.3	33
77	Volcanic history of Macauley Island, Kermadec Ridge, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1996, 39, 295-308.	1.8	33
78	Facies analysis of pyroclastic deposits within basaltic tuffâ€rings of the Auckland volcanic field, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1996, 39, 309-327.	1.8	32
79	Silicic volcanism and back-arc extension related to migration of the Late Cainozoic Australianâ€Pacific plate boundary. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 131, 295-306.	2.1	32
80	Geochemistry of the Early Miocene volcanic succession of Northland, New Zealand, and implications for the evolution of subduction in the Southwest Pacific. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 199, 25-37.	2.1	32
81	Geochemical fingerprinting of basaltic tephra deposits in the Auckland Volcanic Field. <i>New Zealand Journal of Geology, and Geophysics</i> , 2000, 43, 569-577.	1.8	31
82	High-potassium intrusives from southeastern Papua. <i>Contributions To Mineralogy and Petrology</i> , 1972, 34, 167-176.	3.1	30
83	The petrology, geochronology and geochemistry of Hauhungatahi volcano, S.W. Taupo Volcanic Zone. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 190, 179-191.	2.1	30
84	Pyroclast textural variation as an indicator of eruption column steadiness in andesitic Plinian eruptions at Mt. Ruapehu. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	30
85	REE-fractionated trachytes and dacites from Papua New Guinea and their relationship to andesite petrogenesis. <i>Contributions To Mineralogy and Petrology</i> , 1979, 69, 227-233.	3.1	29
86	Late Cenozoic volcanism and extension in Eastern Papua. <i>Geological Society Special Publication</i> , 1984, 16, 163-171.	1.3	29
87	Multiple Sources for Sea-Rafted Loiseles Pumice, New Zealand. <i>Quaternary Research</i> , 1998, 49, 271-279.	1.7	29
88	Uâ€Thâ€Ra fractionation during crustal-level andesite formation at Ruapehu volcano, New Zealand. <i>Chemical Geology</i> , 2007, 244, 437-451.	3.3	29
89	Towed-camera investigations of shallowâ€intermediate water-depth submarine stratovolcanoes of the southern Kermadec arc, New Zealand. <i>Marine Geology</i> , 2002, 185, 207-218.	2.1	28
90	Rapid timescales of differentiation and evidence for crustal contamination at intra-oceanic arcs: Geochemical and Uâ€Thâ€Raâ€Srâ€Nd isotopic constraints from Lopevi Volcano, Vanuatu, SW Pacific. <i>Earth and Planetary Science Letters</i> , 2008, 273, 184-194.	4.4	28

#	ARTICLE	IF	CITATIONS
91	New palaeomagnetic evidence for the recent eruptive activity of Mt. Taranaki, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1994, 60, 15-27.	2.1	26
92	In situ chemical fractionation in thin basaltic lava flows: examples from the Auckland volcanic field, New Zealand, and a general physical model. <i>Journal of Volcanology and Geothermal Research</i> , 1996, 74, 89-99.	2.1	25
93	K-Ar ages of the Auckland geomagnetic excursions. <i>Earth, Planets and Space</i> , 2004, 56, 283-288.	2.5	25
94	Using geochemistry as a tool for correlating proximal andesitic tephra: case studies from Mt Rainier (USA) and Mt Ruapehu (New Zealand). <i>Journal of Quaternary Science</i> , 2007, 22, 395-410.	2.1	25
95	Geochemical evidence for paired arcs in the Permian volcanics of southern New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 1979, 68, 285-291.	3.1	24
96	Petrology of the Rumble seamounts, southern Kermadec Ridge, southwest Pacific. <i>Bulletin of Volcanology</i> , 1988, 50, 139-147.	3.0	24
97	Seismicity and late cenozoic volcanism in parts of Papua-New Guinea. <i>Tectonophysics</i> , 1971, 12, 15-22.	2.2	23
98	Origin of the Northland Ophiolite, northern New Zealand: Discussion of new data and reassessment of the model. <i>New Zealand Journal of Geology, and Geophysics</i> , 2004, 47, 383-389.	1.8	23
99	Andesitic Plinian eruptions at Mt. Ruapehu: quantifying the uppermost limits of eruptive parameters. <i>Bulletin of Volcanology</i> , 2012, 74, 1161-1185.	3.0	23
100	Co-located monogenetic eruptions ~200 kyr apart driven by tapping vertically separated mantle source regions, Chagwido, Jeju Island, Republic of Korea. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	23
101	Multi-criteria correlation of tephra deposits to source centres applied in the Auckland Volcanic Field, New Zealand. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	3.0	23
102	The geochemistry of rock and water samples from Curtis Island volcano, Kermadec group, southwest Pacific. <i>Journal of Volcanology and Geothermal Research</i> , 1988, 34, 233-240.	2.1	22
103	Rare earth mobility in young arc-type volcanic rocks from northern New Zealand. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 3951-3955.	3.9	22
104	Eruption episodes and magma recharge events in andesitic systems: Mt Taranaki, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 1063-1076.	2.1	22
105	Strontium isotopes in Cenozoic volcanic rocks from southeastern Papua New Guinea. <i>Lithos</i> , 1982, 15, 199-206.	1.4	21
106	Petrology of the gabbro and sheeted basaltic intrusives at North Cape, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1996, 39, 389-402.	1.8	21
107	Volcanic geology of Rarotonga, southern Pacific Ocean. <i>New Zealand Journal of Geology, and Geophysics</i> , 1998, 41, 95-104.	1.8	21
108	Further K-Ar dating and paleomagnetic study of the Auckland geomagnetic excursions. <i>Earth, Planets and Space</i> , 2007, 59, 755-761.	2.5	20



#	ARTICLE	IF	CITATIONS
109	Paleomagnetism of Young New Zealand Basalts and Longitudinal Distribution of Paleosecular Variation.. Journal of Geomagnetism and Geoelectricity, 1995, 47, 1011-1022.	0.9	20
110	Some challenges of monitoring a potentially active volcanic field in a large urban area: Auckland volcanic field, New Zealand. Natural Hazards, 2011, 59, 507-528.	3.4	19
111	The chemical characterization and tectonic significance of ophiolite terrains in southeastern Papua New Guinea. Tectonics, 2013, 32, 159-170.	2.8	19
112	Geophysical evidence for widespread reversely magnetised pyroclastics in the western Taupo Volcanic Zone (New Zealand). New Zealand Journal of Geology, and Geophysics, 1992, 35, 47-55.	1.8	18
113	A melt-focusing zone in the lithospheric mantle preserved in the Santa Elena Ophiolite, Costa Rica. Lithos, 2015, 230, 189-205.	1.4	17
114	Long-lived shield volcanism within a monogenetic basaltic field: The conundrum of Rangitoto volcano, New Zealand. Bulletin of the Geological Society of America, 2016, 128, 1160-1172.	3.3	16
115	Petrology of recrystallized ultramafic xenoliths from Merelava volcano, Vanuatu. Contributions To Mineralogy and Petrology, 1989, 102, 230-241.	3.1	15
116	The Hollyford Gabbro-norite "A" A calcalkaline cumulate. New Zealand Journal of Geology, and Geophysics, 1983, 26, 345-357.	1.8	13
117	Oblique rifting along the central and southern Kermadec Arc front (30°-36°S), SW Pacific. Geochemistry, Geophysics, Geosystems, 2007, 8, n/a-n/a.	2.5	13
118	An assessment of the mantle and slab components in the magmas of an oceanic arc volcano: Raoul Volcano, Kermadec arc. Journal of Volcanology and Geothermal Research, 2009, 184, 437-450.	2.1	13
119	Redefining the Waitemata Basin, New Zealand: A new tectonic, magmatic, and basin evolution model at a subduction terminus in the SW Pacific. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	13
120	Dynamics and pre-eruptive conditions of catastrophic, ignimbrite-producing eruptions from the Yenkahe Caldera, Vanuatu. Journal of Volcanology and Geothermal Research, 2015, 308, 39-60.	2.1	12
121	Geology, petrology, and petrogenesis of Little Barrier Island, Hauraki Gulf, New Zealand. New Zealand Journal of Geology, and Geophysics, 1999, 42, 155-168.	1.8	10
122	Geochemical patterns of late Cenozoic intraplate basaltic volcanism in northern New Zealand and their relationship to the behaviour of the mantle. New Zealand Journal of Geology, and Geophysics, 0, , 1-12.	1.8	7
123	High-magnesium andesites: the example of the Papuan Volcanic Arc. Geological Society Special Publication, 2014, 385, 117-135.	1.3	4
124	Conceptual Development of a National Volcanic Hazard Model for New Zealand. Frontiers in Earth Science, 2017, 5, .	1.8	3
125	Mantle heterogeneity controls on small-volume basaltic volcanism: REPLY. Geology, 2015, 43, e371-e371.	4.4	1
126	Specimen Requirements for Preeclampsia Markers. journal of applied laboratory medicine, The, 2020, 5, 605-607.	1.3	1