

Colin J N Wilson

List of Publications by Year in descending order

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184
papers

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citations

22132

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189
all docs

189
docs citations

189
times ranked

4439
citing authors

#	ARTICLE	IF	CITATIONS
1	Volcanic and structural evolution of Taupo Volcanic Zone, New Zealand: a review. <i>Journal of Volcanology and Geothermal Research</i> , 1995, 68, 1-28.	0.8	641
2	A vesicularity index for pyroclastic deposits. <i>Bulletin of Volcanology</i> , 1989, 51, 451-462.	1.1	512
3	Compositional Zoning of the Bishop Tuff. <i>Journal of Petrology</i> , 2007, 48, 951-999.	1.1	444
4	Magma Generation at a Large, Hyperactive Silicic Volcano (Taupo, New Zealand) Revealed by U ²³⁵ Th and U ²³⁸ Pb Systematics in Zircons. <i>Journal of Petrology</i> , 2005, 46, 3-32.	1.1	349
5	Chronology and dynamics of a large silicic magmatic system: Central Taupo Volcanic Zone, New Zealand. <i>Geology</i> , 1995, 23, 13.	2.0	276
6	The role of fluidization in the emplacement of pyroclastic flows: An experimental approach. <i>Journal of Volcanology and Geothermal Research</i> , 1980, 8, 231-249.	0.8	271
7	The Bishop Tuff: New Insights From Eruptive Stratigraphy. <i>Journal of Geology</i> , 1997, 105, 407-440.	0.7	268
8	The 26.5 ka Oruanui eruption, New Zealand: an introduction and overview. <i>Journal of Volcanology and Geothermal Research</i> , 2001, 112, 133-174.	0.8	238
9	The Taupo eruption, New Zealand I. General aspects. <i>Philosophical Transactions of the Royal Society A</i> , 1985, 314, 199-228.	1.3	234
10	Experimental studies of the fluidization of layered sediments and the formation of fluid escape structures. <i>Sedimentology</i> , 1994, 41, 233-253.	1.6	215
11	Caldera volcanoes of the Taupo Volcanic Zone, New Zealand. <i>Journal of Geophysical Research</i> , 1984, 89, 8463-8484.	3.3	211
12	The Taupo eruption, New Zealand. II. The Taupo Ignimbrite. <i>Philosophical Transactions of the Royal Society A</i> , 1985, 314, 229-310.	1.3	209
13	Stratigraphy, chronology, styles and dynamics of late Quaternary eruptions from Taupo volcano, New Zealand. <i>Philosophical Transactions of the Royal Society: Physical and Engineering Sciences</i> , 1993, 343, 205-306.	1.0	187
14	Ignimbrite depositional facies: the anatomy of a pyroclastic flow. <i>Journal of the Geological Society</i> , 1982, 139, 581-592.	0.9	178
15	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.	0.8	164
16	The 26.5 ka Oruanui Eruption, Taupo Volcano, New Zealand: Development, Characteristics and Evacuation of a Large Rhyolitic Magma Body. <i>Journal of Petrology</i> , 2006, 47, 35-69.	1.1	164
17	A revised age for the Kawakawa/Oruanui tephra, a key marker for the Last Glacial Maximum in New Zealand. <i>Quaternary Science Reviews</i> , 2013, 74, 195-201.	1.4	151
18	The influence of conduit processes on changes in style of basaltic Plinian eruptions: Tarawera 1886 and Etna 122 BC. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 137, 1-14.	0.8	142

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19	The role of fluidization in the emplacement of pyroclastic flows, 2: Experimental results and their interpretation. <i>Journal of Volcanology and Geothermal Research</i> , 1984, 20, 55-84.	0.8	137
20	From mush to eruption in centuries: assembly of the super-sized Oruanui magma body. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 143-164.	1.2	137
21	Spatial and temporal variations in magma-assisted rifting, Taupo Volcanic Zone, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 190, 89-108.	0.8	134
22	A new ¹⁴ C age for the Oruanui (Wairakei) eruption, New Zealand. <i>Geological Magazine</i> , 1988, 125, 297-300.	0.9	126
23	The volcanic, magmatic and tectonic setting of the Taupo Volcanic Zone, New Zealand, reviewed from a geothermal perspective. <i>Geothermics</i> , 2016, 59, 168-187.	1.5	119
24	Timescales of mixing and mobilisation in the Bishop Tuff magma body: perspectives from diffusion chronometry. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	112
25	The 26.5 ka Oruanui eruption, New Zealand: A review of the roles of volcanism and climate in the post-eruptive sedimentary response. <i>New Zealand Journal of Geology, and Geophysics</i> , 2004, 47, 525-547.	1.0	111
26	Low-aspect ratio ignimbrites. <i>Nature</i> , 1980, 283, 286-287.	13.7	110
27	Rapid Rates of Magma Generation at Contemporaneous Magma Systems, Taupo Volcano, New Zealand: Insights from U-Th Model-age Spectra in Zircons. <i>Journal of Petrology</i> , 2009, 50, 875-907.	1.1	106
28	An outline geochemistry of rhyolite eruptives from Taupo volcanic centre, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1995, 68, 153-175.	0.8	105
29	The invisible hand: Tectonic triggering and modulation of a rhyolitic supereruption. <i>Geology</i> , 2012, 40, 563-566.	2.0	104
30	Double trouble: Paired ignimbrite eruptions and collateral subsidence in the Taupo Volcanic Zone, New Zealand. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 18-30.	1.6	101
31	Mixing and differentiation in the Oruanui rhyolitic magma, Taupo, New Zealand: evidence from volatiles and trace elements in melt inclusions. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 71-87.	1.2	97
32	New Perspectives on the Bishop Tuff from Zircon Textures, Ages and Trace Elements. <i>Journal of Petrology</i> , 2014, 55, 395-426.	1.1	96
33	Crystallisation ages in coeval silicic magma bodies: ²³⁸ U- ²³⁰ Th disequilibrium evidence from the Rotoiti and Earthquake Flat eruption deposits, Taupo Volcanic Zone, New Zealand. <i>Earth and Planetary Science Letters</i> , 2003, 206, 441-457.	1.8	94
34	The Whakamaru group ignimbrites, Taupo Volcanic Zone, New Zealand: evidence for reverse tapping of a zoned silicic magmatic system. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 84, 1-37.	0.8	92
35	Late Quaternary evolution of a hyperactive rhyolite magmatic system: Taupo volcanic centre, New Zealand. <i>Journal of the Geological Society</i> , 2000, 157, 537-552.	0.9	92
36	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.	1.2	87

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37	Diverse patterns of ascent, degassing, and eruption of rhyolite magma during the 1.8ka Taupo eruption, New Zealand: Evidence from clast vesicularity. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 195, 31-47.	0.8	87
38	Vertical density currents: a review of their potential role in the deposition and interpretation of deep-sea ash layers. <i>Journal of the Geological Society</i> , 2004, 161, 947-958.	0.9	86
39	An ignimbrite veneer deposit: The trail-marker of a pyroclastic flow. <i>Journal of Volcanology and Geothermal Research</i> , 1981, 9, 409-421.	0.8	84
40	An exceptionally widespread ignimbrite with implications for pyroclastic flow emplacement. <i>Nature</i> , 1995, 378, 605-607.	13.7	84
41	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.	0.8	79
42	Paleohydrology and sedimentology of a post-1.8 ka breakout flood from intracaldera Lake Taupo, North Island, New Zealand. <i>Bulletin of the Geological Society of America</i> , 1999, 111, 1435-1447.	1.6	78
43	Systematic tapping of independent magma chambers during the 1Ma Kidnappers supereruption. <i>Earth and Planetary Science Letters</i> , 2012, 313-314, 23-33.	1.8	77
44	Geochemical zoning and eruptive mixing in ignimbrites from Mangakino volcano, Taupo Volcanic Zone, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1993, 56, 175-203.	0.8	74
45	The saturation behaviour of pumice and some sedimentological implications. <i>Sedimentary Geology</i> , 1998, 119, 5-16.	1.0	73
46	Geochemistry and Petrogenesis of Silicic Magmas in the Intra-Oceanic Kermadec Arc. <i>Journal of Petrology</i> , 2013, 54, 351-391.	1.1	72
47	Prolonged ascent and episodic venting of discrete magma batches at the onset of the Huckleberry Ridge supereruption, Yellowstone. <i>Earth and Planetary Science Letters</i> , 2016, 451, 285-297.	1.8	71
48	Evolution of a Quaternary peralkaline volcano: Mayor Island, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1992, 51, 217-236.	0.8	69
49	Growth of volcanic ash aggregates in the presence of liquid water and ice: an experimental approach. <i>Bulletin of Volcanology</i> , 2012, 74, 1963-1984.	1.1	69
50	Assembling an Ignimbrite: Mechanical and Thermal Building Blocks in the Bishop Tuff, California. <i>Journal of Geology</i> , 2003, 111, 653-670.	0.7	68
51	Complex proximal deposition during the Plinian eruptions of 1912 at Novarupta, Alaska. <i>Bulletin of Volcanology</i> , 2004, 66, 95-133.	1.1	68
52	Evidence for limited zonation in silicic magma systems, Taupo Volcanic Zone, New Zealand. <i>Geology</i> , 1989, 17, 234.	2.0	67
53	A new radiometric age estimate for the Rotoehu Ash from Mayor Island volcano, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1992, 35, 371-374.	1.0	67
54	Complex proximal sedimentation from Plinian plumes: the example of Tarawera 1886. <i>Bulletin of Volcanology</i> , 2006, 69, 89-103.	1.1	67

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55	Petrology and dynamics of the Waimihia mixed magma eruption, Taupo Volcano, New Zealand. <i>Journal of the Geological Society</i> , 1992, 149, 193-207.	0.9	66
56	Pre-eruptive volatile content and degassing history of an evolving peralkaline volcano. <i>Journal of Volcanology and Geothermal Research</i> , 1996, 74, 75-87.	0.8	65
57	⁴⁰ Ar/ ³⁹ Ar ages of silicic volcanic rocks in the Tauranga-Kaimai area, New Zealand: Dating the transition between volcanism in the Coromandel Arc and the Taupo Volcanic Zone. <i>New Zealand Journal of Geology, and Geophysics</i> , 2005, 48, 459-469.	1.0	64
58	Rapid open-system assembly of a large silicic magma body: time-resolved evidence from cored plagioclase crystals in the Oruanui eruption deposits, New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 799-813.	1.2	64
59	Volcanism in the central Taupo volcanic zone, New Zealand: tempo, styles and controls. , 0, , 225-247.		63
60	Lithium concentration gradients in feldspar and quartz record the final minutes of magma ascent in an explosive supereruption. <i>Earth and Planetary Science Letters</i> , 2012, 319-320, 218-227.	1.8	61
61	Stratigraphy and structure of the Ngatamariki geothermal system from new zircon U-Pb geochronology: Implications for Taupo Volcanic Zone evolution. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 274, 51-70.	0.8	61
62	Fines-depleted ignimbrite in New Zealand – The product of a turbulent pyroclastic flow. <i>Geology</i> , 1980, 8, 245.	2.0	60
63	Palaeotemperature determinations for the 1.8-ka Taupo ignimbrite, New Zealand, and implications for the emplacement history of a high-velocity pyroclastic flow. <i>Bulletin of Volcanology</i> , 2004, 66, 492-513.	1.1	60
64	The nature, origins and distribution of ash aggregates in a large-scale wet eruption deposit: Oruanui, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 250, 129-154.	0.8	59
65	New Zealand supereruption provides time marker for the Last Glacial Maximum in Antarctica. <i>Scientific Reports</i> , 2017, 7, 12238.	1.6	59
66	A new date for the Taupo eruption, New Zealand. <i>Nature</i> , 1980, 288, 252-253.	13.7	58
67	Quartz zoning and the pre-eruptive evolution of the ~340-ka Whakamaru magma systems, New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 87-107.	1.2	56
68	Orientation of logs in the Taupo Ignimbrite as an indicator of flow direction and vent position. <i>Geology</i> , 1981, 9, 109.	2.0	55
69	Mobility of rare earth and other elements during crystallization of peralkaline silicic lavas. <i>Journal of Volcanology and Geothermal Research</i> , 1990, 43, 57-70.	0.8	55
70	⁴⁰ Ar/ ³⁹ Ar dating of Quaternary feldspar: Examples from the Taupo Volcanic Zone, New Zealand. <i>Geology</i> , 1992, 20, 531.	2.0	55
71	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.	1.1	55
72	Environmental impact of the 1.8-ka Taupo eruption, New Zealand: Landscape responses to a large-scale explosive rhyolite eruption. <i>Sedimentary Geology</i> , 2009, 220, 318-336.	1.0	55

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73	Rapid priming, accumulation, and recharge of magma driving recent eruptions at a hyperactive caldera volcano. <i>Geology</i> , 2016, 44, 323-326.	2.0	55
74	Comment on "Evidence for long residence times of rhyolitic magma in the Long Valley magmatic system: the isotopic record in precaldern lavas of Glass Mountain" by A.N. Halliday, G.A. Mahood, P. Holden, J.M. Metz, T.J. Dempster and J.P. Davidson. <i>Earth and Planetary Science Letters</i> , 1990, 99, 387-389.	1.8	53
75	A cascade of magmatic events during the assembly and eruption of a super-sized magma body. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	1.2	53
76	Chronology and Evolution of Caldera-forming and Post-caldera Magma Systems at Okataina Volcano, New Zealand from Zircon U-Th Model-age Spectra. <i>Journal of Petrology</i> , 2010, 51, 1121-1141.	1.1	52
77	High-precision ⁴⁰ Ar/ ³⁹ Ar dating of Quaternary basalts from Auckland Volcanic Field, New Zealand, with implications for eruption rates and paleomagnetic correlations. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 343, 60-74.	0.8	52
78	Origin of the Olympus Mons aureole and perimeter scarp. <i>The Moon and the Planets</i> , 1980, 22, 221-234.	0.5	50
79	A high-resolution ⁴⁰ Ar/ ³⁹ Ar lava chronology and edifice construction history for Ruapehu volcano, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 152-179.	0.8	50
80	Pyroclastic phases of a rhyolitic dome-building eruption: Puketarata tuff ring, Taupo Volcanic Zone, New Zealand. <i>Bulletin of Volcanology</i> , 1993, 55, 395-406.	1.1	49
81	Post-supereruption Magmatic Reconstruction of Taupo Volcano (New Zealand), as Reflected in Zircon Ages and Trace Elements. <i>Journal of Petrology</i> , 2014, 55, 1511-1533.	1.1	49
82	Melt pockets in phenocrysts and decompression rates of silicic magmas before fragmentation. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	47
83	A multiple-approach radiometric age estimate for the Rotoiti and Earthquake Flat eruptions, New Zealand, with implications for the MIS 4/3 boundary. <i>Quaternary Science Reviews</i> , 2007, 26, 1861-1870.	1.4	45
84	Fine-scale temporal recovery, reconstruction and evolution of a post-supereruption magmatic system. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	1.2	45
85	Supereruptions and Supervolcanoes: Processes and Products. <i>Elements</i> , 2008, 4, 29-34.	0.5	44
86	Lateral variations in the taupo ignimbrite. <i>Journal of Volcanology and Geothermal Research</i> , 1983, 18, 117-133.	0.8	43
87	Ignimbrite morphology and the effects of erosion: a New Zealand case study. <i>Bulletin of Volcanology</i> , 1991, 53, 635-644.	1.1	43
88	Rapid assembly and rejuvenation of a large silicic magmatic system: Insights from mineral diffusive profiles in the Kidnappers and Rocky Hill deposits, New Zealand. <i>Earth and Planetary Science Letters</i> , 2017, 473, 1-13.	1.8	43
89	Complexities of plinian fall deposition at vent: an example from the 1912 Novarupta eruption (Alaska). <i>Journal of Volcanology and Geothermal Research</i> , 1997, 76, 215-227.	0.8	42
90	High-flying diatoms: Widespread dispersal of microorganisms in an explosive volcanic eruption. <i>Geology</i> , 2013, 41, 1187-1190.	2.0	42

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91	Lava-ice interaction on a large composite volcano: a case study from Ruapehu, New Zealand. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	42
92	Inferring magma ascent timescales and reconstructing conduit processes in explosive rhyolitic eruptions using diffusive losses of hydrogen from melt inclusions. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 369, 95-112.	0.8	42
93	Ascent dynamics of large phreatomagmatic eruption clouds: The role of microphysics. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	41
94	What lies beneath? Reconstructing the primitive magmas fueling voluminous silicic volcanism using olivine-hosted melt inclusions. <i>Geology</i> , 2020, 48, 504-508.	2.0	41
95	Lithic types in ignimbrites as a guide to the evolution of a caldera complex, Taupo volcanic centre, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 80, 217-237.	0.8	40
96	A comment on: "Titanium under pressure: the effect of pressure and temperature on the solubility of Ti in quartz", by Jay B. Thomas, E. Bruce Watson, Frank S. Spear, Philip T. Shemella, Saroj K. Nayak and Antonio Lanzirotti. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 359-368.	1.2	39
97	Micro-analytical Perspectives on the Bishop Tuff and its Magma Chamber. <i>Journal of Petrology</i> , 2015, 56, 605-640.	1.1	39
98	Taupo: an overview of New Zealand's youngest supervolcano. <i>New Zealand Journal of Geology, and Geophysics</i> , 2021, 64, 320-346.	1.0	39
99	Hybrid fall deposits in the Bishop Tuff, California: A novel pyroclastic depositional mechanism. <i>Geology</i> , 1998, 26, 7.	2.0	38
100	Dynamics of deep submarine silicic explosive eruptions in the Kermadec arc, as reflected in pumice vesicularity textures. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 301, 314-332.	0.8	38
101	Contrasting grain size and componentry in complex proximal deposits of the 1886 Tarawera basaltic Plinian eruption. <i>Bulletin of Volcanology</i> , 2007, 69, 903-926.	1.1	36
102	Tools and techniques for developing tephra stratigraphies in lake cores: A case study from the basaltic Auckland Volcanic Field, New Zealand. <i>Quaternary Science Reviews</i> , 2015, 123, 58-75.	1.4	36
103	Ascent rates of rhyolitic magma at the onset of three caldera-forming eruptions. <i>American Mineralogist</i> , 2018, 103, 952-965.	0.9	35
104	Title is missing!. <i>Natural Hazards</i> , 2002, 26, 147-174.	1.6	34
105	Highly vesicular pumice generated by buoyant detachment of magma in subaqueous volcanism. <i>Nature Geoscience</i> , 2013, 6, 129-132.	5.4	34
106	Delayed sedimentary response to the A.D. 1886 eruption of Tarawera, New Zealand. <i>Geology</i> , 1997, 25, 459.	2.0	33
107	Emplacement of Taupo ignimbrite. <i>Nature</i> , 1997, 385, 306-307.	13.7	33
108	Taupo's atypical arc. <i>Nature</i> , 1996, 379, 27-28.	13.7	32

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109	U–Pb dating of zircon in hydrothermally altered rocks as a correlation tool: Application to the Mangakino geothermal field, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 176, 191-198.	0.8	32
110	Title is missing!. , 2014, 10, 185.		32
111	Temporal evolution and compositional signatures of two supervolcanic systems recorded in zircons from Mangakino volcanic centre, New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	32
112	The Life and Times of Silicic Volcanic Systems. <i>Elements</i> , 2016, 12, 103-108.	0.5	31
113	Rapid assembly of high-Mg andesites and dacites by magma mixing at a continental arc stratovolcano. <i>Geology</i> , 2020, 48, 1033-1037.	2.0	31
114	Dilute gravity current and rain-flushed ash deposits in the 1.8 ka Hatepe Plinian deposit, Taupo, New Zealand. <i>Bulletin of Volcanology</i> , 1994, 56, 538-551.	1.1	30
115	Environmental response to a large, explosive rhyolite eruption: sedimentology of post-1.8 ka pumice-rich Taupo volcanoclastics in the Hawke's Bay region, New Zealand. <i>Sedimentary Geology</i> , 2002, 150, 275-299.	1.0	30
116	A future magma inflation event under the rhyolitic Taupo volcano, New Zealand: Numerical models based on constraints from geochemical, geological, and geophysical data. <i>Journal of Volcanology and Geothermal Research</i> , 2007, 168, 1-27.	0.8	30
117	Evidence from zircon U-Pb age spectra for crustal structure and felsic magma genesis at Taupo volcano, New Zealand. <i>Geology</i> , 2010, 38, 915-918.	2.0	30
118	Charring of woods by volcanic processes: An example from the Taupo ignimbrite, New Zealand. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 291, 40-51.	1.0	30
119	U–Pb dating of zircon in hydrothermally altered rocks of the Kawerau Geothermal Field, Taupo Volcanic Zone, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 253, 97-113.	0.8	30
120	Evacuation of multiple magma bodies and the onset of caldera collapse in a supereruption, captured in glass and mineral compositions. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	29
121	Contrasting pyroclast density spectra from subaerial and submarine silicic eruptions in the Kermadec arc: implications for eruption processes and dredge sampling. <i>Bulletin of Volcanology</i> , 2012, 74, 1425-1443.	1.1	28
122	Age and eruptive center of the Paeroa Subgroup ignimbrites (Whakamaru Group) within the Taupo Volcanic Zone of New Zealand. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 1131-1144.	1.6	27
123	The Tectonomagmatic Source of Ore Metals and Volatile Elements in the Southern Kermadec Arc. <i>Economic Geology</i> , 2012, 107, 1539-1556.	1.8	25
124	No single model for supersized eruptions and their magma bodies. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 610-627.	12.2	25
125	U–Pb dating of zircon in subsurface, hydrothermally altered pyroclastic deposits and implications for subsidence in a magmatically active rift: Taupo Volcanic Zone, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 191, 69-78.	0.8	24
126	Wiggle-match radiocarbon dating of the Taupo eruption. <i>Nature Communications</i> , 2019, 10, 4669.	5.8	24

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127	Interactions between volcanism, rifting and subsidence: implications of intracaldera palaeoshorelines at Taupo volcano, New Zealand. <i>Journal of the Geological Society</i> , 2003, 160, 3-6.	0.9	23
128	Reconstructing the geological and structural history of an active geothermal field: A case study from New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 262, 7-24.	0.8	23
129	Thermotectonic history of SE China since the Late Mesozoic: insights from detailed thermochronological studies of Hong Kong. <i>Journal of the Geological Society</i> , 2014, 171, 591-604.	0.9	23
130	Bubble development in explosive silicic eruptions: insights from pyroclast vesicularity textures from Raoul volcano (Kermadec arc). <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	23
131	Development, mobilisation and eruption of a large crystal-rich rhyolite: The Ongatiti ignimbrite, New Zealand. <i>Lithos</i> , 2014, 198-199, 38-57.	0.6	23
132	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.	1.1	23
133	The nature and age of Ohakuri Formation and Ohakuri Group rocks in surface exposures and geothermal drillhole sequences in the central Taupo Volcanic Zone, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2006, 49, 305-308.	1.0	22
134	Petrography and geochemistry of lithic fragments in ignimbrites from the Mangakino Volcanic Centre: Implications for the composition of the subvolcanic crust in western Taupo Volcanic Zone, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1998, 41, 187-199.	1.0	21
135	Generation and Rejuvenation of a Supervolcanic Magmatic System: a Case Study from Mangakino Volcanic Centre, New Zealand. <i>Journal of Petrology</i> , 2016, 57, 1135-1170.	1.1	21
136	Volcanic Unrest at Taupō Volcano in 2019: Causes, Mechanisms and Implications. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009803.	1.0	21
137	Ruapehu and Tongariro stratovolcanoes: a review of current understanding. <i>New Zealand Journal of Geology, and Geophysics</i> , 2021, 64, 389-420.	1.0	20
138	Assembling an ignimbrite: Compositionally defined eruptive packages in the 1912 Valley of Ten Thousand Smokes ignimbrite, Alaska. <i>Bulletin of the Geological Society of America</i> , 2005, 117, 1094.	1.6	19
139	Development of a volcanic hazard model for New Zealand. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2002, 35, 266-277.	0.2	19
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