

Colin J N Wilson

List of Publications by Year in descending order

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184
papers

11,985
citations

22153

59
h-index

31849

101
g-index

189
all docs

189
docs citations

189
times ranked

4439
citing authors

#	ARTICLE	IF	CITATIONS
1	Taupō Inflation: illustrating detection limits of magmatic inflation below Lake Taupō. <i>New Zealand Journal of Geology, and Geophysics</i> , 2023, 66, 571-588.	1.8	6
2	Significance of tridymite distribution during cooling and vapor-phase alteration of ignimbrites. <i>American Mineralogist</i> , 2022, 107, 460-475.	1.9	2
3	Stretching, Shaking, Inflating: Volcanic-Tectonic Interactions at a Rifting Silicic Caldera. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	6
4	Large silicic magma bodies and very large magnitude explosive eruptions. <i>Bulletin of Volcanology</i> , 2022, 84, 1.	3.0	6
5	Taupō: an overview of New Zealand's youngest supervolcano. <i>New Zealand Journal of Geology, and Geophysics</i> , 2021, 64, 320-346.	1.8	39
6	The Mesozoic terrane boundary beneath the Taupo Volcanic Zone, New Zealand, and potential controls on geothermal system characteristics. <i>New Zealand Journal of Geology, and Geophysics</i> , 2021, 64, 518-529.	1.8	11
7	Earthquake Analysis Suggests Dyke Intrusion in 2019 Near Tarawera Volcano, New Zealand. <i>Frontiers in Earth Science</i> , 2021, 8, .	1.8	11
8	Ruapehu and Tongariro stratovolcanoes: a review of current understanding. <i>New Zealand Journal of Geology, and Geophysics</i> , 2021, 64, 389-420.	1.8	20
9	Volcanic Unrest at Taupō Volcano in 2019: Causes, Mechanisms and Implications. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009803.	2.5	21
10	No single model for supersized eruptions and their magma bodies. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 610-627.	29.7	25
11	Survival of presolar ^{26}Mg -nuclide carriers in the nebula revealed by stepwise leaching of Allende refractory inclusions. <i>Science Advances</i> , 2021, 7, .	10.3	8
12	A comment on: magma residence and eruption at the Taupō Volcanic Center (Taupō Volcanic Zone, New Zealand). <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	3
13	Chemical and isotopic changes induced by pyrometamorphism in metasedimentary xenoliths at Tongariro volcano, New Zealand. <i>Lithos</i> , 2021, 400-401, 106404.	1.4	3
14	Structure and evolution of the Wairakei-Tauhara geothermal system (Taupo Volcanic Zone, New Zealand). <i>Geothermal Research</i> , 2020, 390, 106705.	2.1	16
15	A high resolution $^{40}\text{Ar}/^{39}\text{Ar}$ lava chronology and edifice construction history for Tongariro volcano, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 403, 106993.	2.1	15
16	Rapid assembly of high-Mg andesites and dacites by magma mixing at a continental arc stratovolcano. <i>Geology</i> , 2020, 48, 1033-1037.	4.4	31
17	What lies beneath? Reconstructing the primitive magmas fueling voluminous silicic volcanism using olivine-hosted melt inclusions. <i>Geology</i> , 2020, 48, 504-508.	4.4	41
18	Implications of a Supervolcano's Seismicity. <i>Eos</i> , 2020, 101, .	0.1	2

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19	The Huckleberry Ridge Tuff, Yellowstone: evacuation of multiple magmatic systems in a complex episodic eruption. <i>Journal of Petrology</i> , 2019, 60, 1371-1426.	2.8	15
20	Mapping Stress and Structure From Subducting Slab to Magmatic Rift: Crustal Seismic Anisotropy of the North Island, New Zealand. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5038-5056.	2.5	15
21	Wiggle-match radiocarbon dating of the Taupo eruption. <i>Nature Communications</i> , 2019, 10, 4669.	12.8	24
22	Nucleosynthetic, radiogenic and stable strontium isotopic variations in fine- and coarse-grained refractory inclusions from Allende. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 265, 413-430.	3.9	15
23	Modeling Ash Dispersal From Future Eruptions of Taupo Supervolcano. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3375-3401.	2.5	18
24	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.	2.1	42
25	Textural and micro-analytical insights into mafic-felsic interactions during the Oruanui eruption, Taupo. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	15
26	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.	3.1	29
27	The hydrothermal evolution of the Kawerau geothermal system, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 353, 114-131.	2.1	8
28	New petrological, geochemical, and geochronological perspectives on andesite-dacite magma genesis at Ruapehu volcano, New Zealand. <i>American Mineralogist</i> , 2018, 103, 565-581.	1.9	14
29	Mafic inputs into the rhyolitic magmatic system of the 2.08 Ma Huckleberry Ridge eruption, Yellowstone. <i>American Mineralogist</i> , 2018, 103, 757-775.	1.9	5
30	Ascent rates of rhyolitic magma at the onset of three caldera-forming eruptions. <i>American Mineralogist</i> , 2018, 103, 952-965.	1.9	35
31	Contrasting perspectives on the Lava Creek Tuff eruption, Yellowstone, from new U-Pb and ⁴⁰ Ar/ ³⁹ Ar age determinations. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	3.0	5
32	Volcanoes: Characteristics, Tipping Points, and those Pesky Unknown Unknowns. <i>Elements</i> , 2017, 13, 41-46.	0.5	14
33	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.	3.1	53
34	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.	4.4	43
35	Tracking the evolution of Late Mesozoic arc-related magmatic systems in Hong Kong using in-situ U-Pb dating and trace element analyses in zircon. <i>American Mineralogist</i> , 2017, 102, 2190-2219.	1.9	4
36	New Zealand supereruption provides time marker for the Last Glacial Maximum in Antarctica. <i>Scientific Reports</i> , 2017, 7, 12238.	3.3	59

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37	High-precision $^{40}\text{Ar}/^{39}\text{Ar}$ 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.	2.1	52
38	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
39	Comment on "Rapid cooling and cold storage in a silicic magma reservoir recorded in individual crystals". <i>Science</i> , 2017, 358, .	12.6	13
40	Conceptual Development of a National Volcanic Hazard Model for New Zealand. <i>Frontiers in Earth Science</i> , 2017, 5, .	1.8	3
41	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.	4.4	71
42	A high-resolution $^{40}\text{Ar}/^{39}\text{Ar}$ lava chronology and edifice construction history for Ruapehu volcano, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 152-179.	2.1	50
43	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.	2.8	21
44	Analyzing nitrogen in natural and synthetic silicate glasses by secondary ion mass spectrometry. <i>Chemical Geology</i> , 2016, 447, 27-39.	3.3	13
45	Os isotopic constraints on crustal contamination in Auckland Volcanic Field basalts, New Zealand. <i>Chemical Geology</i> , 2016, 439, 83-97.	3.3	12
46	Rapid priming, accumulation, and recharge of magma driving recent eruptions at a hyperactive caldera volcano. <i>Geology</i> , 2016, 44, 323-326.	4.4	55
47	The Life and Times of Silicic Volcanic Systems. <i>Elements</i> , 2016, 12, 103-108.	0.5	31
48	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.	3.4	119
49	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.	3.0	36
50	Fine-scale temporal recovery, reconstruction and evolution of a post-supereruption magmatic system. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	3.1	45
51	Micro-analytical Perspectives on the Bishop Tuff and its Magma Chamber. <i>Journal of Petrology</i> , 2015, 56, 605-640.	2.8	39
52	Lava-ice interaction on a large composite volcano: a case study from Ruapehu, New Zealand. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	42
53	Eruptive and environmental processes recorded by diatoms in volcanically dispersed lake sediments from the Taupo Volcanic Zone, New Zealand. <i>Journal of Paleolimnology</i> , 2015, 54, 263-277.	1.6	5
54	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.	2.1	38

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55	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.	3.3	27
56	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.	2.1	23
57	Title is missing!. , 2014, 10, 185.		32
58	3-D interpretative modelling applied to the geology of the Kawerau geothermal system, Taupo Volcanic Zone, New Zealand. <i>Geothermics</i> , 2014, 51, 344-350.	3.4	5
59	Stratigraphy and structure of the Ngatamariki geothermal system from new zircon Uâ€Pb geochronology: Implications for Taupo Volcanic Zone evolution. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 274, 51-70.	2.1	61
60	New Perspectives on the Bishop Tuff from Zircon Textures, Ages and Trace Elements. <i>Journal of Petrology</i> , 2014, 55, 395-426.	2.8	96
61	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.	3.1	112
62	Bubble development in explosive silicic eruptions: insights from pyroclast vesicularity textures from Raoul volcano (Kermadec arc). <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	23
63	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.	2.8	49
64	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.	3.1	32
65	Development, mobilisation and eruption of a large crystal-rich rhyolite: The Ongatiti ignimbrite, New Zealand. <i>Lithos</i> , 2014, 198-199, 38-57.	1.4	23
66	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.	3.1	137
67	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.	2.1	59
68	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.	2.1	23
69	High-flying diatoms: Widespread dispersal of microorganisms in an explosive volcanic eruption. <i>Geology</i> , 2013, 41, 1187-1190.	4.4	42
70	Uâ€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.	2.1	30
71	Geochemistry and Petrogenesis of Silicic Magmas in the Intra-Oceanic Kermadec Arc. <i>Journal of Petrology</i> , 2013, 54, 351-391.	2.8	72
72	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.	3.0	151

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73	Highly vesicular pumice generated by buoyant detachment of magma in subaqueous volcanism. <i>Nature Geoscience</i> , 2013, 6, 129-132.	12.9	34
74	Reply to 'Magma balloons or bombs?'. <i>Nature Geoscience</i> , 2013, 6, 803-803.	12.9	0
75	The invisible hand: Tectonic triggering and modulation of a rhyolitic supereruption. <i>Geology</i> , 2012, 40, 563-566.	4.4	104
76	The Tectonomagmatic Source of Ore Metals and Volatile Elements in the Southern Kermadec Arc. <i>Economic Geology</i> , 2012, 107, 1539-1556.	3.8	25
77	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.	3.0	28
78	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.	3.0	69
79	Systematic tapping of independent magma chambers during the 1Ma Kidnappers supereruption. <i>Earth and Planetary Science Letters</i> , 2012, 313-314, 23-33.	4.4	77
80	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.	4.4	61
81	Ascent dynamics of large phreatomagmatic eruption clouds: The role of microphysics. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	41
82	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 Lanzirrotti. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 359-368.	3.1	39
83	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.	3.1	56
84	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.	2.1	134
85	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.	2.1	24
86	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.	2.1	87
87	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.	2.8	52
88	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.	4.4	30
89	Charring of woods by volcanic processes: An example from the Taupo ignimbrite, New Zealand. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 291, 40-51.	2.3	30
90	Dating the Kawakawa/Oruanui eruption: Comment on "Optical luminescence dating of a loess section containing a critical tephra marker horizon, SW North Island of New Zealand" by R. Grapes et al.. <i>Quaternary Geochronology</i> , 2010, 5, 493-496.	1.4	12

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91	Rapid Rates of Magma Generation at Contemporaneous Magma Systems, Taupo Volcano, New Zealand: Insights from U ²³⁵ -Th Model-age Spectra in Zircons. <i>Journal of Petrology</i> , 2009, 50, 875-907.	2.8	106
92	Environmental impact of the 1.8ka Taupo eruption, New Zealand: Landscape responses to a large-scale explosive rhyolite eruption. <i>Sedimentary Geology</i> , 2009, 220, 318-336.	2.1	55
93	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
94	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.	3.1	64
95	U ²³⁵ -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.	2.1	32
96	Supereruptions and Supervolcanoes: Processes and Products. <i>Elements</i> , 2008, 4, 29-34.	0.5	44
97	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.	3.3	101
98	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.	3.0	45
99	Compositional Zoning of the Bishop Tuff. <i>Journal of Petrology</i> , 2007, 48, 951-999.	2.8	444
100	Melt pockets in phenocrysts and decompression rates of silicic magmas before fragmentation. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	47
101	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.	2.1	30
102	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.	3.0	36
103	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.	1.8	22
104	Complex proximal sedimentation from Plinian plumes: the example of Tarawera 1886. <i>Bulletin of Volcanology</i> , 2006, 69, 89-103.	3.0	67
105	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.	3.1	97
106	The 26.5ka 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.	2.8	164
107	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.	3.3	19
108	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.	2.8	349

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109	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.	1.8	64
110	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.	2.1	86
111	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.	2.1	142
112	Complex proximal deposition during the Plinian eruptions of 1912 at Novarupta, Alaska. <i>Bulletin of Volcanology</i> , 2004, 66, 95-133.	3.0	68
113	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.	3.0	60
114	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.	1.8	111
115	Assembling an Ignimbrite: Mechanical and Thermal Building Blocks in the Bishop Tuff, California. <i>Journal of Geology</i> , 2003, 111, 653-670.	1.4	68
116	Crystallisation ages in coeval silicic magma bodies: 238U–230Th 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.	4.4	94
117	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.	2.1	23
118	Large-scale interaction of lake water and rhyolitic magma during the 1.8 ka Taupo eruption, New Zealand. <i>Geophysical Monograph Series</i> , 2003, , 97-109.	0.1	5
119	Resedimentation of the 1.8 ka Taupo ignimbrite in the Mohaka and Ngaruroro river catchments, Hawke's Bay, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2002, 45, 85-101.	1.8	18
120	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.	2.1	30
121	Title is missing!. <i>Natural Hazards</i> , 2002, 26, 147-174.	3.4	34
122	Development of a volcanic hazard model for New Zealand. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2002, 35, 266-277.	0.5	19
123	The 26.5 ka Oruanui eruption, New Zealand: an introduction and overview. <i>Journal of Volcanology and Geothermal Research</i> , 2001, 112, 133-174.	2.1	238
124	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.	2.1	92
125	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
126	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.	3.3	78

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127	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.	2.1	40
128	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.	2.1	92
129	The saturation behaviour of pumice and some sedimentological implications. <i>Sedimentary Geology</i> , 1998, 119, 5-16.	2.1	73
130	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.	1.8	21
131	Hybrid fall deposits in the Bishop Tuff, California: A novel pyroclastic depositional mechanism. <i>Geology</i> , 1998, 26, 7.	4.4	38
132	Delayed sedimentary response to the A.D. 1886 eruption of Tarawera, New Zealand. <i>Geology</i> , 1997, 25, 459.	4.4	33
133	The Bishop Tuff: New Insights From Eruptive Stratigraphy. <i>Journal of Geology</i> , 1997, 105, 407-440.	1.4	268
134	Emplacement of Taupo ignimbrite. <i>Nature</i> , 1997, 385, 306-307.	27.8	33
135	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.	2.1	42
136	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
137	Pre-eruptive volatile content and degassing history of an evolving peralkaline volcano. <i>Journal of Volcanology and Geothermal Research</i> , 1996, 74, 75-87.	2.1	65
138	Taupo's atypical arc. <i>Nature</i> , 1996, 379, 27-28.	27.8	32
139	An exceptionally widespread ignimbrite with implications for pyroclastic flow emplacement. <i>Nature</i> , 1995, 378, 605-607.	27.8	84
140	Volcanic and structural evolution of Taupo Volcanic Zone, New Zealand: a review. <i>Journal of Volcanology and Geothermal Research</i> , 1995, 68, 1-28.	2.1	641
141	An outline geochemistry of rhyolite eruptives from Taupo volcanic centre, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1995, 68, 153-175.	2.1	105
142	Taupo Volcanic Zone calc-alkaline tephra on the peralkaline Mayor Island volcano, New Zealand: identification and uses as marker horizons. <i>Journal of Volcanology and Geothermal Research</i> , 1995, 69, 303-311.	2.1	10
143	Chronology and dynamics of a large silicic magmatic system: Central Taupo Volcanic Zone, New Zealand. <i>Geology</i> , 1995, 23, 13.	4.4	276
144	Experimental studies of the fluidization of layered sediments and the formation of fluid escape structures. <i>Sedimentology</i> , 1994, 41, 233-253.	3.1	215

#	ARTICLE	IF	CITATIONS
145	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.	3.0	30
146	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.	3.0	10
147	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.	3.0	49
148	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.	2.1	74
149	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
150	$^{40}\text{Ar}/^{39}\text{Ar}$ dating of Quaternary feldspar: Examples from the Taupo Volcanic Zone, New Zealand. <i>Geology</i> , 1992, 20, 531.	4.4	55
151	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
152	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.	1.8	67
153	Evolution of a Quaternary peralkaline volcano: Mayor Island, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1992, 51, 217-236.	2.1	69
154	^{40}Ar ages from the Western Dome Belt and associated rhyolitic lavas in the Maroa-Taupo area, Taupo Volcanic Zone, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1991, 34, 99-101.	1.8	16
155	Ignimbrite morphology and the effects of erosion: a New Zealand case study. <i>Bulletin of Volcanology</i> , 1991, 53, 635-644.	3.0	43
156	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.	2.1	55
157	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
158	Comment on: Basal layered deposits of the Peach Springs Tuff, northwestern Arizona, USA, by G. A. Valentine, D. C. Buesch, and R. V. Fisher. <i>Bulletin of Volcanology</i> , 1990, 52, 562-564.	3.0	4
159	Comment on "Evidence for long residence times of rhyolitic magma in the Long Valley magmatic system: the isotopic record in precaldera 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.	4.4	53
160	A vesicularity index for pyroclastic deposits. <i>Bulletin of Volcanology</i> , 1989, 51, 451-462.	3.0	512
161	Evidence for limited zonation in silicic magma systems, Taupo Volcanic Zone, New Zealand. <i>Geology</i> , 1989, 17, 234.	4.4	67
162	Comment on "Stratified flow in pyroclastic surges", by G.A Valentine. <i>Bulletin of Volcanology</i> , 1988, 50, 350-351.	3.0	4

#	ARTICLE	IF	CITATIONS
163	A new ¹⁴ C age for the Oruanui (Wairakei) eruption, New Zealand. Geological Magazine, 1988, 125, 297-300.	1.5	126
164	A basaltic phreatomagmatic eruptive centre at Acacia Bay, Taupo Volcanic Centre. Journal of the Royal Society of New Zealand, 1985, 15, 329-337.	1.9	8
165	The Taupo eruption, New Zealand. II. The Taupo Ignimbrite. Philosophical Transactions of the Royal Society A, 1985, 314, 229-310.	1.1	209
166	The Taupo eruption, New Zealand I. General aspects. Philosophical Transactions of the Royal Society A, 1985, 314, 199-228.	1.1	234
167	Caldera volcanoes of the Taupo Volcanic Zone, New Zealand. Journal of Geophysical Research, 1984, 89, 8463-8484.	3.3	211
168	The role of fluidization in the emplacement of pyroclastic flows, 2: Experimental results and their interpretation. Journal of Volcanology and Geothermal Research, 1984, 20, 55-84.	2.1	137
169	Lateral variations in the taupo ignimbrite. Journal of Volcanology and Geothermal Research, 1983, 18, 117-133.	2.1	43
170	Flow-head deposits in ash turbidites. Geology, 1983, 11, 348.	4.4	16
171	Ignimbrite depositional facies: the anatomy of a pyroclastic flow. Journal of the Geological Society, 1982, 139, 581-592.	2.1	178
172	An ignimbrite veneer deposit: The trail-marker of a pyroclastic flow. Journal of Volcanology and Geothermal Research, 1981, 9, 409-421.	2.1	84
173	Did Taupo's eruption enhance European sunsets? (reply). Nature, 1981, 293, 491-492.	27.8	5
174	Orientation of logs in the Taupo Ignimbrite as an indicator of flow direction and vent position. Geology, 1981, 9, 109.	4.4	55
175	Violence in Pyroclastic Flow Eruptions. , 1981, , 441-448.		18
176	Fines-depleted ignimbrite in New Zealand " The product of a turbulent pyroclastic flow. Geology, 1980, 8, 245.	4.4	60
177	Origin of the Olympus Mons aureole and perimeter scarp. The Moon and the Planets, 1980, 22, 221-234.	0.5	50
178	Low-aspect ratio ignimbrites. Nature, 1980, 283, 286-287.	27.8	110
179	Ignimbrite veneer deposits or pyroclastic surge deposits? (reply). Nature, 1980, 286, 912-912.	27.8	5
180	A new date for the Taupo eruption, New Zealand. Nature, 1980, 288, 252-253.	27.8	58

#	ARTICLE	IF	CITATIONS
181	The role of fluidization in the emplacement of pyroclastic clasts: An experimental approach. Journal of Volcanology and Geothermal Research, 1980, 8, 231-249.	2.1	271
182	Post-1.8-ka Marginal Sedimentation in Lake Taupo, New Zealand: Effects of Wave Energy and Sediment Supply in a Rapidly Rising Lake. , 0, , 151-177.		13
183	Volcanism in the central Taupo volcanic zone, New Zealand: tempo, styles and controls. , 0, , 225-247.		63
184	Stable strontium isotopic heterogeneity in the solar system from double-spike data. Geochemical Perspectives Letters, 0, , 35-40.	5.0	17