S J Cronin

List of Publications by Year
in descending order

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214	8,041	38660	88477
papers	citations	50 h-index	70 g-index

223	223	223	4494
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Environmental hazards of fluoride in volcanic ash: a case study from Ruapehu volcano, New Zealand. Journal of Volcanology and Geothermal Research, 2003, 121, 271-291.	0.8	187
2	Fluoride: A review of its fate, bioavailability, and risks of fluorosis in grazedâ€pasture systems in New Zealand. New Zealand Journal of Agricultural Research, 2000, 43, 295-321.	0.9	186
3	Participatory methods of incorporating scientific with traditional knowledge for volcanic hazard management on Ambae Island, Vanuatu. Bulletin of Volcanology, 2004, 66, 652-668.	1.1	175
4	Contamination of water supplies by volcanic ashfall: A literature review and simple impact modelling. Journal of Volcanology and Geothermal Research, 2006, 158, 296-306.	0.8	148
5	Ash storms: impacts of wind-remobilised volcanic ash on rural communities and agriculture following the 1991 Hudson eruption, southern Patagonia, Chile. Bulletin of Volcanology, 2011, 73, 223-239.	1.1	138
6	Spatio-temporal hazard estimation in the Auckland Volcanic Field, New Zealand, with a new event-order model. Bulletin of Volcanology, 2011, 73, 55-72.	1.1	133
7	Fertiliser contaminants in New Zealand grazed pasture with special reference to cadmium and fluorine â€" a review. Soil Research, 2003, 41, 501.	0.6	130
8	Mechanisms driving polymagmatic activity at a monogenetic volcano, Udo, Jeju Island, South Korea. Contributions To Mineralogy and Petrology, 2010, 160, 931-950.	1.2	113
9	A model for calculating eruptive volumes for monogenetic volcanoes â€" Implication for the Quaternary Auckland Volcanic Field, New Zealand. Journal of Volcanology and Geothermal Research, 2013, 266, 16-33.	0.8	109
10	Welcoming a monster to the world: Myths, oral tradition, and modern societal response to volcanic disasters. Journal of Volcanology and Geothermal Research, 2008, 176, 407-418.	0.8	108
11	Agronomic impact of tephra fallout from the 1995 and 1996 Ruapehu Volcano eruptions, New Zealand. Environmental Geology, 1998, 34, 21-30.	1.2	103
12	Changes in Whangaehu river lahar characteristics during the 1995 eruption sequence, Ruapehu volcano, New Zealand. Journal of Volcanology and Geothermal Research, 1997, 76, 47-61.	0.8	96
13	Scientist and stakeholder perspectives of transdisciplinary research: Early attitudes, expectations, and tensions. Environmental Science and Policy, 2017, 74, 30-39.	2.4	95
14	Flow and deposition of pyroclastic granular flows: A type example from the 1975 Ngauruhoe eruption, New Zealand. Journal of Volcanology and Geothermal Research, 2007, 161, 165-186.	0.8	78
15	How Small-volume Basaltic Magmatic Systems Develop: a Case Study from the Jeju Island Volcanic Field, Korea. Journal of Petrology, 2012, 53, 985-1018.	1.1	78
16	Transition from effusive to explosive phases in andesite eruptions â€" A case-study from the AD1655 eruption of Mt. Taranaki, New Zealand. Journal of Volcanology and Geothermal Research, 2007, 161, 15-34.	0.8	77
17	Insights into the Octoberâ€"November 2010 Gunung Merapi eruption (Central Java, Indonesia) from the stratigraphy, volume and characteristics of its pyroclastic deposits. Journal of Volcanology and Geothermal Research, 2013, 261, 244-259.	0.8	77
18	Kinematic characteristics of pyroclastic density currents at Merapi and controls on their avulsion from natural and engineered channels. Bulletin of the Geological Society of America, 2011, 123, 1127-1140.	1.6	76

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19	Estimation of tephra volumes from sparse and incompletely observed deposit thicknesses. Bulletin of Volcanology, 2016, 78, 1.	1.1	74
20	Palaeotsunamis in the Pacific Islands. Earth-Science Reviews, 2011, 107, 141-146.	4.0	73
21	Sedimentary signatures of cyclic growth and destruction of stratovolcanoes: A case study from Mt. Taranaki, New Zealand. Sedimentary Geology, 2009, 220, 288-305.	1.0	72
22	Dynamics of surges generated by hydrothermal blasts during the 6 August 2012 Te Maari eruption, Mt. Tongariro, New Zealand. Journal of Volcanology and Geothermal Research, 2014, 286, 348-366.	0.8	71
23	Perils in distinguishing phreatic from phreatomagmatic ash; insights into the eruption mechanisms of the 6 August 2012 Mt. Tongariro eruption, New Zealand. Journal of Volcanology and Geothermal Research, 2014, 286, 397-414.	0.8	71
24	Spatio-temporal evolution of a dispersed magmatic system and its implications for volcano growth, Jeju Island Volcanic Field, Korea. Lithos, 2012, 148, 337-352.	0.6	70
25	Maximising Multi-Stakeholder Participation in Government and Community Volcanic Hazard Management Programs; A Case Study from Savo, Solomon Islands. Natural Hazards, 2004, 33, 105-136.	1.6	69
26	Influences on the variability of eruption sequences and style transitions in the Auckland Volcanic Field, New Zealand. Journal of Volcanology and Geothermal Research, 2014, 286, 101-115.	0.8	69
27	Developing probabilistic eruption forecasts for dormant volcanoes: a case study from Mt Taranaki, New Zealand. Bulletin of Volcanology, 2008, 70, 507-515.	1.1	68
28	Automatic precursor recognition and real-time forecasting of sudden explosive volcanic eruptions at Whakaari, New Zealand. Nature Communications, 2020, 11, 3562.	5.8	68
29	Dynamic interactions between lahars and stream flow: A case study from Ruapehu volcano, New Zealand. Bulletin of the Geological Society of America, 1999, 111, 28-38.	1.6	67
30	A fluid dynamics approach to modelling the 18th March 2007 lahar at Mt. Ruapehu, New Zealand. Bulletin of Volcanology, 2009, 71, 153-169.	1.1	66
31	Amplified hazard of small-volume monogenetic eruptions due to environmental controls, Orakei Basin, Auckland Volcanic Field, New Zealand. Bulletin of Volcanology, 2012, 74, 2121-2137.	1.1	66
32	Environmental impacts on health from continuous volcanic activity at Yasur (Tanna) and Ambrym, Vanuatu. International Journal of Environmental Health Research, 2002, 12, 109-123.	1.3	65
33	A conceptual model for block-and-ash flow basal avalanche transport and deposition, based on deposit architecture of 1998 and 1994 Merapi flows. Journal of Volcanology and Geothermal Research, 2005, 139, 117-134.	0.8	64
34	A medial to distal volcaniclastic record of an andesite stratovolcano: detailed stratigraphy of the ring-plain succession of south-west Taranaki, New Zealand. International Journal of Earth Sciences, 2011, 100, 1937-1966.	0.9	64
35	Quantifying the geomorphic impacts of a lake-breakout lahar, Mount Ruapehu, New Zealand. Geology, 2010, 38, 67-70.	2.0	63
36	Unravelling a complex volcanic history from fine-grained, intricate Holocene ashÂsequences at the Tongariro Volcanic Centre, New Zealand. Quaternary International, 2011, 246, 352-363.	0.7	63

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37	Debris flow evolution and the activation of an explosive hydrothermal system; Te Maari, Tongariro, New Zealand. Journal of Volcanology and Geothermal Research, 2014, 286, 303-316.	0.8	63
38	Coupling of turbulent and non-turbulent flow regimes within pyroclastic density currents. Nature Geoscience, 2016, 9, 767-771.	5.4	63
39	Using titanomagnetite textures to elucidate volcanic eruption histories. Geology, 2008, 36, 31.	2.0	61
40	Surge in sulphur and halogen degassing from Ambrym volcano, Vanuatu. Bulletin of Volcanology, 2009, 71, 1159-1168.	1.1	61
41	Ilchulbong tuff cone, Jeju Island, Korea, revisited: A compound monogenetic volcano involving multiple magma pulses, shifting vents, and discrete eruptive phases. Bulletin of the Geological Society of America, 2012, 124, 259-274.	1.6	60
42	Synthesizing largeâ€scale pyroclastic flows: Experimental design, scaling, and first results from PELE. Journal of Geophysical Research: Solid Earth, 2015, 120, 1487-1502.	1.4	60
43	Impacts on agriculture following the 1991 eruption of Vulcan Hudson, Patagonia: lessons for recovery. Natural Hazards, 2011, 57, 185-212.	1.6	58
44	Late Holocene lava flow morphotypes of northern Harrat Rahat, Kingdom of Saudi Arabia: Implications for the description of continental lava fields. Journal of Asian Earth Sciences, 2014, 84, 131-145.	1.0	58
45	Using the spatial distribution and lithology of ballistic blocks to interpret eruption sequence and dynamics: August 6 2012 Upper Te Maari eruption, New Zealand. Journal of Volcanology and Geothermal Research, 2014, 286, 373-386.	0.8	58
46	Dating the culmination of river aggradation at the end of the last glaciation using distal tephra compositions, eastern North Island, New Zealand. Geomorphology, 2001, 38, 133-151.	1.1	57
47	Landscape and sedimentary response to catastrophic debris avalanches, western Taranaki, New Zealand. Sedimentary Geology, 2009, 220, 271-287.	1.0	54
48	The application of a calibrated 3D ballistic trajectory model to ballistic hazard assessments at Upper Te Maari, Tongariro. Journal of Volcanology and Geothermal Research, 2014, 286, 248-262.	0.8	54
49	Syn- and post-eruptive erosion, gully formation, and morphological evolution of a tephra ring in tropical climate erupted in 1913 in West Ambrym, Vanuatu. Geomorphology, 2007, 86, 115-130.	1.1	53
50	Drivers of explosivity and elevated hazard in basaltic fissure eruptions: The 1913 eruption of Ambrym Volcano, Vanuatu (SW-Pacific). Journal of Volcanology and Geothermal Research, 2011, 201, 194-209.	0.8	53
51	Mapping block-and-ash flow hazards based on Titan 2D simulations: a case study from Mt. Taranaki, NZ. Natural Hazards, 2010, 53, 483-501.	1.6	52
52	Intraplate volcanism influenced by distal subduction tectonics at Jeju Island, Republic of Korea. Bulletin of Volcanology, 2015, 77, 1.	1.1	52
53	Merging eruption datasets: building an integrated Holocene eruptive record for Mt Taranaki, New Zealand. Bulletin of Volcanology, 2009, 71, 903-918.	1.1	51
54	Non-explosive, dome-forming eruptions at Mt. Taranaki, New Zealand. Geomorphology, 2012, 136, 15-30.	1.1	51

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55	Magma Evolution in the Primitive, Intra-oceanic Tonga Arc: Rapid Petrogenesis of Dacites at Fonualei Volcano. Journal of Petrology, 2012, 53, 1231-1253.	1.1	51
56	Dental fluorosis linked to degassing of Ambrym volcano, Vanuatu: a novel exposure pathway. Environmental Geochemistry and Health, 2012, 34, 155-170.	1.8	51
57	Exploding lakes in Vanuatu â€" Â“Surtseyan-styleÂ” eruptions witnessed on Ambae Island. Episodes, 2006, 29, 87-92.	0.8	51
58	Coupled fluid dynamics-sediment transport modelling of a Crater Lake break-out lahar: Mt. Ruapehu, New Zealand. Journal of Hydrology, 2010, 388, 399-413.	2.3	50
59	Quantifying volcanic ash fall hazard to electricity infrastructure. Journal of Volcanology and Geothermal Research, 2008, 177, 1055-1062.	0.8	48
60	Phreatomagmatic eruptions through unconsolidated coastal plain sequences, Maungataketake, Auckland Volcanic Field (New Zealand). Journal of Volcanology and Geothermal Research, 2014, 276, 46-63.	0.8	47
61	Seismic signals of snowâ€slurry lahars in motion: 25 September 2007, Mt Ruapehu, New Zealand. Geophysical Research Letters, 2009, 36, .	1.5	46
62	Reconstructing the largest explosive eruptions of Mt. Ruapehu, New Zealand: lithostratigraphic tools to understand subplinianâ€“plinian eruptions at andesitic volcanoes. Bulletin of Volcanology, 2012, 74, 617-640.	1.1	45
63	A late Quaternary stratigraphic framework for the northeastern Ruapehu and eastern Tongariro ring plains, New Zealand. New Zealand Journal of Geology, and Geophysics, 1997, 40, 185-197.	1.0	44
64	A probabilistic assessment of eruption recurrence on Taveuni volcano, Fiji. Bulletin of Volcanology, 2001, 63, 274-288.	1.1	44
65	Lahar-Triggering Mechanisms and Hazard at Ruapehu Volcano, New Zealand. Natural Hazards, 2004, 31, 85-109.	1.6	43
66	Breakout Lahar from New Zealand's Crater Lake. Eos, 2007, 88, 441-442.	0.1	43
67	Volcanic structures and oral traditions of volcanism of Western Samoa (SW Pacific) and their implications for hazard education. Journal of Volcanology and Geothermal Research, 2009, 186, 223-237.	0.8	43
68	Numerical simulation of basaltic lava flows in the Auckland Volcanic Field, New Zealandâ€"implication for volcanic hazard assessment. Bulletin of Volcanology, 2014, 76, 1.	1.1	43
69	Integrating multidisciplinary science, modelling and impact data into evolving, syn-event volcanic hazard mapping and communication: A case study from the 2012 Tongariro eruption crisis, New Zealand. Journal of Volcanology and Geothermal Research, 2014, 286, 208-232.	0.8	43
70	The coalescence and organization of lahars at Semeru volcano, Indonesia. Bulletin of Volcanology, 2010, 72, 961-970.	1.1	42
71	Defining conditions for bulking and debulking in lahars. Bulletin of the Geological Society of America, 2011, 123, 1234-1246.	1.6	42
72	Integrating records of explosive and effusive activity from proximal and distal sequences: Mt. Taranaki, New Zealand. Quaternary International, 2011, 246, 364-373.	0.7	41

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73	Final Magma Storage Depth Modulation of Explosivity and Trachyteâ€“Phonolite Genesis at an Intraplate Volcano: a Case Study from Ulleung Island, South Korea. Journal of Petrology, 2014, 55, 709-747.	1.1	41
74	Vents to events: determining an eruption event record from volcanic vent structures for the Harrat Rahat, Saudi Arabia. Bulletin of Volcanology, 2014, 76, 1.	1.1	41
75	Textural features as indicators of debris avalanche transport and emplacement, Taranaki volcano. Bulletin of the Geological Society of America, 2015, 127, 3-18.	1.6	41
76	Olivine xenocryst diffusion reveals rapid monogenetic basaltic magma ascent following complex storage at Pupuke Maar, Auckland Volcanic Field, New Zealand. Earth and Planetary Science Letters, 2018, 499, 13-22.	1.8	41
77	Generation of air lubrication within pyroclastic density currents. Nature Geoscience, 2019, 12, 381-386.	5.4	41
78	The influence of magma plumbing complexity on monogenetic eruptions, Jeju Island, Korea. Terra Nova, 2011, 23, 70-75.	0.9	40
79	1995 Ruapehu lahars in relation to the late Holocene lahars of Whangaehu River, New Zealand. New Zealand Journal of Geology, and Geophysics, 1997, 40, 507-520.	1.0	39
80	Transformation, internal stratification, and depositional processes within a channelised, multiâ€peaked lahar flow. New Zealand Journal of Geology, and Geophysics, 2000, 43, 117-128.	1.0	39
81	Short- and long-term evacuation of people and livestock during a volcanic crisis: lessons from the 1991 eruption of VolcÃ¡n Hudson, Chile. Journal of Applied Volcanology, 2012, 1, .	0.7	38
82	Post-caldera volcanism reveals shallow priming of an intra-ocean arc andesitic caldera: Hunga volcano, Tonga, SW Pacific. Lithos, 2022, 412-413, 106614.	0.6	38
83	A multiple-parameter approach to andesitic tephra correlation, Ruapehu volcano, New Zealand. Journal of Volcanology and Geothermal Research, 1996, 72, 199-215.	0.8	37
84	Improving the reliability of microprobe-based analyses of andesitic glasses for tephra correlation. Holocene, 2007, 17, 573-583.	0.9	37
85	The eruptive history and chemical stratigraphy of a post-caldera, steady-state volcano: Yasur, Vanuatu. Bulletin of Volcanology, 2014, 76, 1.	1.1	37
86	New Volcanic Island Unveils Explosive Past. Eos, 2017, , .	0.1	37
87	Geological history of the north-eastern ring plain of Ruapehu volcano, New Zealand. Quaternary International, 1996, 34-36, 21-28.	0.7	36
88	Unusual â€œsnow slurryâ€•lahars from Ruapehu volcano, New Zealand, September 1995. Geology, 1996, 24, 1107.	2.0	36
89	Remote sensing data types and techniques for lahar path detection: A case study at Mt Ruapehu, New Zealand. Remote Sensing of Environment, 2009, 113, 1778-1786.	4.6	36
90	Transport and emplacement mechanisms of channelised long-runout debris avalanches, Ruapehu volcano, New Zealand. Bulletin of Volcanology, 2014, 76, 1.	1.1	36

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91	Influence of porosity and groundmass crystallinity on dome rock strength: a case study from Mt. Taranaki, New Zealand. Bulletin of Volcanology, 2018, 80, 1.	1.1	36
92	Auckland Volcanic Field magmatism, volcanism, and hazard: a review. New Zealand Journal of Geology, and Geophysics, 0, , 1-22.	1.0	36
93	Volcanic ash leachate compositions and assessment of health and agricultural hazards from 2012 hydrothermal eruptions, Tongariro, New Zealand. Journal of Volcanology and Geothermal Research, 2014, 286, 233-247.	0.8	35
94	The Al-Duâ€™aythah volcanic cones, Al-Madinah City: implications for volcanic hazards in northern Harrat Rahat, Kingdom of Saudi Arabia. Bulletin of Volcanology, 2015, 77, 1.	1.1	35
95	Lahar hazard assessment using Titan2D for an alluvial fan with rapidly changing geomorphology: Whangaehu River, Mt. Ruapehu. Geomorphology, 2010, 116, 162-174.	1.1	34
96	Vesiculation and Quenching During Surtseyan Eruptions at Hunga Tongaâ€Hunga Ha'apai Volcano, Tonga. Journal of Geophysical Research: Solid Earth, 2018, 123, 3762-3779.	1.4	34
97	Energy growth in laharic mass flows. Geology, 2012, 40, 475-478.	2.0	33
98	Assessment of leachable elements in volcanic ashfall: a review and evaluation of a standardized protocol for ash hazard characterization. Journal of Volcanology and Geothermal Research, 2020, 392, 106756.	0.8	33
99	Sourcing and identifying andesitic tephras using major oxide titanomagnetite and hornblende chemistry, Egmont volcano and Tongariro Volcanic Centre, New Zealand. Bulletin of Volcanology, 1996, 58, 33-40.	1.1	32
100	Vulnerability of farm water supply systems to volcanic ash fall. Environmental Earth Sciences, 2010, 61, 675-688.	1.3	32
101	Post 19Âka B.P. eruptive history of Ulleung Island, Korea, inferred from an intra-caldera pyroclastic sequence. Bulletin of Volcanology, 2014, 76, 1.	1.1	32
102	Agricultural impact assessment and management after three widespread tephra falls in Patagonia, South America. Natural Hazards, 2016, 82, 1167-1229.	1.6	32
103	A first hazard analysis of the Quaternary Harrat Al-Madinah volcanic field, Saudi Arabia. Journal of Volcanology and Geothermal Research, 2013, 267, 39-46.	0.8	31
104	Crustal extension in the Tongariro graben, New Zealand: Insights into volcano-tectonic interactions and active deformation in a young continental rift. Bulletin of the Geological Society of America, 2017, 129, 1085-1099.	1.6	31
105	Volcanic air pollution and human health: recent advances and future directions. Bulletin of Volcanology, 2022, 84, 1.	1.1	31
106	Intra- and extra-caldera volcaniclastic facies and geomorphic characteristics of a frequently active mafic islandâ€“arc volcano, Ambrym Island, Vanuatu. Sedimentary Geology, 2009, 220, 256-270.	1.0	30
107	Explaining the extreme mobility of volcanic ice-slurry flows, Ruapehu volcano, New Zealand. Geology, 2009, 37, 15-18.	2.0	30
108	Relating magma composition to eruption variability at andesitic volcanoes: A case study from Mount Taranaki, New Zealand. Bulletin of the Geological Society of America, 2011, 123, 2005-2015.	1.6	30

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109	LiDAR-based quantification of lava flow susceptibility in the City of Auckland (New Zealand). Remote Sensing of Environment, 2012, 125, 198-213.	4.6	30
110	Forecasting catastrophic stratovolcano collapse: A model based on Mount Taranaki, New Zealand. Geology, 2012, 40, 983-986.	2.0	30
111	Pyroclast textural variation as an indicator of eruption column steadiness in andesitic Plinian eruptions at Mt. Ruapehu. Bulletin of Volcanology, 2014, 76, 1.	1.1	30
112	Hydraulic, physical and rheological characteristics of rainâ€triggered lahars at Semeru volcano, Indonesia. Earth Surface Processes and Landforms, 2010, 35, 1573-1590.	1.2	29
113	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. Earth and Planetary Science Letters, 2008, 273, 184-194.	1.8	28
114	Construction of the North Head (Maungauika) tuff cone: a product of Surtseyan volcanism, rare in the Auckland Volcanic Field, New Zealand. Bulletin of Volcanology, 2015, 77, 1.	1.1	28
115	A 30,000 yr high-precision eruption history for the andesitic Mt. Taranaki, North Island, New Zealand. Quaternary Research, 2017, 87, 1-23.	1.0	28
116	The eruptive history and volcanic hazards of Savo, Solomon Islands. Bulletin of Volcanology, 2003, 65, 165-181.	1.1	27
117	The Whangaehu Formation: Debris-avalanche and lahar deposits from ancestral Ruapehu volcano, New Zealand. Geomorphology, 2011, 133, 57-79.	1.1	27
118	Identifying multiple eruption phases from a compound tephra blanket: an example of the AD1256 Al-Madinah eruption, Saudi Arabia. Bulletin of Volcanology, 2015, 77, 1.	1.1	27
119	Volcanic craters, pit craters and high-level magma-feeding systems of a mafic island-arc volcano: Ambrym, Vanuatu, South Pacific. Geological Society Special Publication, 2008, 302, 87-102.	0.8	26
120	The 2006 pyroclastic deposits of Merapi Volcano, Java, Indonesia: High-spatial resolution IKONOS images and complementary ground based observations. Remote Sensing of Environment, 2010, 114, 1949-1967.	4.6	26
121	Temporal Evolution of a High-K Andesitic Magmatic System: Taranaki Volcano, New Zealand. Journal of Petrology, 2012, 53, 325-363.	1.1	26
122	Methods of identifying late Quaternary rhyolitic tephras on the ring plains of Ruapehu and Tongariro volcanoes, New Zealand. New Zealand Journal of Geology, and Geophysics, 1997, 40, 175-184.	1.0	25
123	Phreatomagmatic volcanic hazards where rift-systems meet the sea, a study from Ambae Island, Vanuatu. Journal of Volcanology and Geothermal Research, 2009, 180, 246-258.	0.8	25
124	Variable Conditions of Magma Storage and Differentiation with Links to Eruption Style at Ambrym Volcano, Vanuatu. Journal of Petrology, 2016, 57, 1049-1072.	1.1	25
125	Impact of Ruapehu ash fall on soil and pasture nutrient status 1. October 1995 eruptions. New Zealand Journal of Agricultural Research, 1997, 40, 383-395.	0.9	24
126	Lahar history and hazard of the Tongariro River, northeastern Tongariro Volcanic Centre, New Zealand. New Zealand Journal of Geology, and Geophysics, 1997, 40, 383-393.	1.0	23

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127	Andesitic Plinian eruptions at Mt. Ruapehu: quantifying the uppermost limits of eruptive parameters. Bulletin of Volcanology, 2012, 74, 1161-1185.	1.1	23
128	Co-located monogenetic eruptions ~200Âkyr apart driven by tapping vertically separated mantle source regions, Chagwido, Jeju Island, Republic of Korea. Bulletin of Volcanology, 2015, 77, 1.	1.1	23
129	A volcanic event forecasting model for multiple tephra records, demonstrated on Mt. Taranaki, New Zealand. Bulletin of Volcanology, 2018, 80, 1.	1.1	23
130	National-level long-term eruption forecasts by expert elicitation. Bulletin of Volcanology, 2018, 80, 1.	1.1	23
131	Impacts of volcanism on pre-European inhabitants of Taveuni, Fiji. Bulletin of Volcanology, 2000, 62, 199-213.	1.1	22
132	Eruption episodes and magma recharge events in andesitic systems: Mt Taranaki, New Zealand. Journal of Volcanology and Geothermal Research, 2008, 177, 1063-1076.	0.8	22
133	Shallow-seated explosions in the construction of the Motukorea tuff ring (Auckland, New Zealand): Evidence from lithic and sedimentary characteristics. Journal of Volcanology and Geothermal Research, 2015, 304, 272-286.	0.8	22
134	The spatial and temporal â€˜costâ€™ of volcanic eruptions: assessing economic impact, business inoperability, and spatial distribution of risk in the Auckland region, New Zealand. Bulletin of Volcanology, 2017, 79, 1.	1.1	22
135	Complex and Cascading Triggering of Submarine Landslides and Turbidity Currents at Volcanic Islands Revealed From Integration of High-Resolution Onshore and Offshore Surveys. Frontiers in Earth Science, 2018, 6, .	0.8	22
136	Holocene volcanic geology, volcanic hazard, and risk on Taveuni, Fiji. New Zealand Journal of Geology, and Geophysics, 2001, 44, 417-437.	1.0	21
137	Nabukelevu volcano (Mt. Washington), Kadavu â€“ a source of hitherto unknown volcanic hazard in Fiji. Journal of Volcanology and Geothermal Research, 2004, 131, 371-396.	0.8	21
138	Geochemical precursors for eruption repose length. Geophysical Journal International, 2013, 193, 855-873.	1.0	21
139	Hyaloclastites, peperites and soft-sediment deformation textures of a shallow subaqueous Miocene rhyolitic dome-cryptodome complex, PÃ¡lhÃ¡za, Hungary. Geological Society Special Publication, 2008, 302, 63-86.	0.8	20
140	Computable general equilibrium modelling of economic impacts from volcanic event scenarios at regional and national scale, Mt. Taranaki, New Zealand. Bulletin of Volcanology, 2017, 79, 1.	1.1	20
141	Ruapehu and Tongariro stratovolcanoes: a review of current understanding. New Zealand Journal of Geology, and Geophysics, 2021, 64, 389-420.	1.0	20
142	Transport and deposition processes of the hydrothermal blast of the 6 August 2012 Te Maari eruption, Mt. Tongariro. Bulletin of Volcanology, 2015, 77, 1.	1.1	19
143	Sensitivity to volcanic field boundary. Journal of Applied Volcanology, 2015, 4, .	0.7	19
144	New insights into Holocene eruption episodes from proximal deposit sequences at Mt. Taranaki (Egmont), New Zealand. Bulletin of Volcanology, 2017, 79, 1.	1.1	19

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145	Insights into eruption dynamics from the 2014 pyroclastic deposits of Kelut volcano, Java, Indonesia, and implications for future hazards. Journal of Volcanology and Geothermal Research, 2019, 382, 6-23.	0.8	19
146	Kuwae Caldera and Climate Confusion. The Open Geology Journal, 2007, 1, 7-11.	0.4	19
147	On Selection of Analog Volcanoes. Mathematical Geosciences, 2011, 43, 505-519.	1.4	18
148	Mafic Plinian volcanism and ignimbrite emplacement at Tofua volcano, Tonga. Bulletin of Volcanology, 2011, 73, 1259-1277.	1.1	18
149	Earthquake history at the eastern boundary of the South Taupo Volcanic Zone, New Zealand. New Zealand Journal of Geology, and Geophysics, 2016, 59, 522-543.	1.0	18
150	Diverse dynamics of Holocene mafic-intermediate Plinian eruptions at Mt. Taranaki (Egmont), New Zealand. Bulletin of Volcanology, 2017, 79, 1.	1.1	18
151	Seismic precursors to the Whakaari 2019 phreatic eruption are transferable to other eruptions and volcanoes. Nature Communications, 2022, 13, 2002.	5.8	18
152	Experimental estimates of the energy budget of hydrothermal eruptions; application to 2012 Upper Te Maari eruption, New Zealand. Earth and Planetary Science Letters, 2016, 452, 281-294.	1.8	17
153	CAN VOLCANIC ASH POISON WATER SUPPLIES. Integrated Environmental Assessment and Management, 2009, 5, 713.	1.6	16
154	Modeling thickness variability in tephra deposition. Bulletin of Volcanology, 2013, 75, 1.	1.1	16
155	Automated statistical matching of multiple tephra records exemplified using five long maar sequences younger than 75 ka, Auckland, New Zealand. Quaternary Research, 2014, 82, 405-419.	1.0	16
156	Impacts of catastrophic volcanic collapse on the erosion and morphology of a distal fluvial landscape: Hautapu River, Mount Ruapehu, New Zealand. Bulletin of the Geological Society of America, 2015, 127, 266-280.	1.6	16
157	Linking distal volcaniclastic sedimentation and stratigraphy with the development of Ruapehu volcano, New Zealand. Bulletin of Volcanology, 2015, 77, 1.	1.1	16
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