

S J Cronin

List of Publications by Year in descending order

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214
papers

8,041
citations

38660

50
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88477

70
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223
docs citations

223
times ranked

4494
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-caldera volcanism reveals shallow priming of an intra-ocean arc andesitic caldera: Hunga volcano, Tonga, SW Pacific. <i>Lithos</i> , 2022, 412-413, 106614.	0.6	38
2	Volcanic air pollution and human health: recent advances and future directions. <i>Bulletin of Volcanology</i> , 2022, 84, 1.	1.1	31
3	Seismic precursors to the Whakaari 2019 phreatic eruption are transferable to other eruptions and volcanoes. <i>Nature Communications</i> , 2022, 13, 2002.	5.8	18
4	Magmatic drivers of a 200-year-long high-magnitude explosive flare-up from Mt. Tongariro, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2022, 427, 107569.	0.8	2
5	Phreatic and Hydrothermal Eruptions: From Overlooked to Looking Over. <i>Bulletin of Volcanology</i> , 2022, 84, .	1.1	11
6	Forecasting Eruptions at Poorly Known Volcanoes Using Analogs and Multivariate Renewal Processes. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
7	Rapid magmatic processes drive persistently active volcanism. <i>Lithos</i> , 2021, 380-381, 105868.	0.6	2
8	Formation of crystal-rich, mixed, intermediate lavas at Pouakai Volcano and the evolution of the Taranaki volcanic lineament, western North Island, New Zealand. <i>Lithos</i> , 2021, 380-381, 105850.	0.6	2
9	Host Rock Variability Powers the Diversity of Steam-Driven Eruptions. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL089025.	1.5	3
10	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
11	Elucidating stratovolcano construction from volcanoclastic mass-flow deposits: The medial ringplain of Taranaki Volcano, New Zealand. <i>Sedimentology</i> , 2021, 68, 2422-2449.	1.6	5
12	The magma source of small-scale intraplate monogenetic volcanic systems in northern New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 418, 107326.	0.8	6
13	Assessment of leachable elements in volcanic ashfall: a review and evaluation of a standardized protocol for ash hazard characterization. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 392, 106756.	0.8	33
14	Spatiotemporal variations in eruption style and magnitude at Yasur volcano, Vanuatu: part 2—extending Strombolian eruption classifications. <i>Bulletin of Volcanology</i> , 2020, 82, 1.	1.1	3
15	Complex crater fields formed by steam-driven eruptions: Lake Okaro, New Zealand. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1914-1930.	1.6	13
16	A Confidence-Based Assessment Method for Distinguishing Pyroclastic Density Current Deposits From Other Volcanoclastic Units. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	1
17	A review of lahars; past deposits, historic events and present-day simulations from Mt. Ruapehu and Mt. Taranaki, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2020, , 1-25.	1.0	12
18	Spatio-temporal associations between dike intrusions and fault ruptures in the Tongariro Volcanic Center, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 404, 107037.	0.8	8

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19	Automatic precursor recognition and real-time forecasting of sudden explosive volcanic eruptions at Whakaari, New Zealand. <i>Nature Communications</i> , 2020, 11, 3562.	5.8	68
20	Hydrothermal eruption dynamics reflecting vertical variations in host rock geology and geothermal alteration, Champagne Pool, Wai-o-tapu, New Zealand. <i>Bulletin of Volcanology</i> , 2020, 82, 1.	1.1	14
21	Micro-porous pyroclasts reflecting multi-vent basaltic-andesite Plinian eruptions at Mt. Tongariro, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 401, 106936.	0.8	8
22	Mineralogical Evidence of Pre-caldera Magma Petrogenesis in the Jemez Mountains Volcanic Field, New Mexico, USA. <i>Journal of Petrology</i> , 2020, 61, .	1.1	4
23	Spatiotemporal variations in eruption style, magnitude and vent morphology at Yasur volcano, Vanuatu: insights into the conduit system. <i>Bulletin of Volcanology</i> , 2020, 82, 1.	1.1	10
24	Spatiotemporal Relationships between Two Closely Spaced Strombolian Style Vents, Yasur, Vanuatu. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085687.	1.5	12
25	Understanding multi-vent Plinian eruptions at Mt. Tongariro Volcanic Complex, New Zealand. <i>Bulletin of Volcanology</i> , 2020, 82, 1.	1.1	12
26	MatHaz: a Matlab code to assist with probabilistic spatio-temporal volcanic hazard assessment in distributed volcanic fields. <i>Journal of Applied Volcanology</i> , 2019, 8, .	0.7	10
27	Diversity of soluble salt concentrations on volcanic ash aggregates from a variety of eruption types and deposits. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	1.1	9
28	The characteristics of a multi-episode volcanic regime: the post-AD 960 Maero Eruptive Period of Mt. Taranaki (New Zealand). <i>Bulletin of Volcanology</i> , 2019, 81, 1.	1.1	15
29	<i>In situ</i> granulation by thermal stress during subaqueous volcanic eruptions. <i>Geology</i> , 2019, 47, 179-182.	2.0	12
30	Recognizing long-runout pyroclastic flow deposits using paleomagnetism of ash. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1783-1793.	1.6	10
31	Engineering geomorphological investigation of the Kasavu landslide, Viti Levu, Fiji. <i>Landslides</i> , 2019, 16, 1341-1351.	2.7	8
32	Generation of air lubrication within pyroclastic density currents. <i>Nature Geoscience</i> , 2019, 12, 381-386.	5.4	41
33	Paleomagnetic determination of the age and properties of the 1780-1800 AD dome effusion/collapse episode of Mt. Taranaki, New Zealand. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	1.1	12
34	Intra-eruptive trachyte-phonolite transition: Natural evidence and experimental constraints on the role of crystal mushes. <i>American Mineralogist</i> , 2019, 104, 1750-1764.	0.9	5
35	Engineering characteristics of soils prone to rainfall-induced slope failure in Viti Levu, Fiji. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2019, 52, 336-345.	0.8	3
36	Characterisation of faults as earthquake sources from geomorphic data in the Tongariro Volcanic Complex, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 131-142.	1.0	2

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37	Insights into eruption dynamics from the 2014 pyroclastic deposits of Kelut volcano, Java, Indonesia, and implications for future hazards. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 382, 6-23.	0.8	19
38	Evaluating emplacement temperature of a 1000-year sequence of mass flows using paleomagnetism of their deposits at Mt. Taranaki, New Zealand. <i>Volcanica</i> , 2019, 2, 11-24.	0.6	7
39	A volcanic event forecasting model for multiple tephra records, demonstrated on Mt. Taranaki, New Zealand. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	1.1	23
40	Geomorphological characteristics of slope failures in northeast Viti Levu island, Fiji, triggered by Tropical Cyclone Winston in February 2016. <i>New Zealand Geographer</i> , 2018, 74, 64-76.	0.4	6
41	Influence of porosity and groundmass crystallinity on dome rock strength: a case study from Mt. Taranaki, New Zealand. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	1.1	36
42	Complex and Cascading Triggering of Submarine Landslides and Turbidity Currents at Volcanic Islands Revealed From Integration of High-Resolution Onshore and Offshore Surveys. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	22
43	Volcanic hazard scenarios for multiphase andesitic Plinian eruptions from lithostratigraphy: Insights into pyroclastic density current diversity at Mount Taranaki, New Zealand. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 1645-1663.	1.6	15
44	National-level long-term eruption forecasts by expert elicitation. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	1.1	23
45	Vesiculation and Quenching During Surtseyan Eruptions at Hunga Tongaâ€Hunga Ha'apai Volcano, Tonga. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3762-3779.	1.4	34
46	Olivine xenocryst diffusion reveals rapid monogenetic basaltic magma ascent following complex storage at Pupuke Maar, Auckland Volcanic Field, New Zealand. <i>Earth and Planetary Science Letters</i> , 2018, 499, 13-22.	1.8	41
47	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. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	1.1	22
48	Scientist and stakeholder perspectives of transdisciplinary research: Early attitudes, expectations, and tensions. <i>Environmental Science and Policy</i> , 2017, 74, 30-39.	2.4	95
49	Unifying tephrostratigraphic approaches to redefine major Holocene marker tephras, Mt. Taranaki, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 337, 29-43.	0.8	11
50	A 30,000 yr high-precision eruption history for the andesitic Mt. Taranaki, North Island, New Zealand. <i>Quaternary Research</i> , 2017, 87, 1-23.	1.0	28
51	New insights into Holocene eruption episodes from proximal deposit sequences at Mt. Taranaki (Egmont), New Zealand. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	1.1	19
52	Diverse dynamics of Holocene mafic-intermediate Plinian eruptions at Mt. Taranaki (Egmont), New Zealand. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	1.1	18
53	Geology and geochemistry of Late Quaternary volcanism in northern Harrat Rahat, Kingdom of Saudi Arabia: implications for eruption dynamics, regional stratigraphy and magma evolution. <i>Geological Society Special Publication</i> , 2017, 446, 173-204.	0.8	12
54	Computable general equilibrium modelling of economic impacts from volcanic event scenarios at regional and national scale, Mt. Taranaki, New Zealand. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	1.1	20

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55	Crustal extension in the Tongariro graben, New Zealand: Insights into volcano-tectonic interactions and active deformation in a young continental rift. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 1085-1099.	1.6	31
56	Conceptual Development of a National Volcanic Hazard Model for New Zealand. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	3
57	New Volcanic Island Unveils Explosive Past. <i>Eos</i> , 2017, , .	0.1	37
58	Idiosyncrasies of Volcanic Sulfur Viscosity and the Triggering of Unheralded Volcanic Eruptions. <i>Frontiers in Earth Science</i> , 2016, 4, .	0.8	12
59	Earthquake history at the eastern boundary of the South Taupo Volcanic Zone, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2016, 59, 522-543.	1.0	18
60	Agricultural impact assessment and management after three widespread tephra falls in Patagonia, South America. <i>Natural Hazards</i> , 2016, 82, 1167-1229.	1.6	32
61	New insights into the evolution of the magmatic system of a composite andesite volcano revealed by clasts from distal mass-flow deposits: Ruapehu volcano, New Zealand. <i>Bulletin of Volcanology</i> , 2016, 78, 1.	1.1	15
62	Coupling of turbulent and non-turbulent flow regimes within pyroclastic density currents. <i>Nature Geoscience</i> , 2016, 9, 767-771.	5.4	63
63	Experimental estimates of the energy budget of hydrothermal eruptions; application to 2012 Upper Te Maari eruption, New Zealand. <i>Earth and Planetary Science Letters</i> , 2016, 452, 281-294.	1.8	17
64	Fate and agricultural consequences of leachable elements added to the environment from the 2011 Cord�n Caulle tephra fall. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 554-570.	0.8	12
65	Posteruptive impacts of pyroclastic deposits from basaltic andesite stratovolcanoes on surface water composition. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1275-1287.	1.3	8
66	Variable Conditions of Magma Storage and Differentiation with Links to Eruption Style at Ambrym Volcano, Vanuatu. <i>Journal of Petrology</i> , 2016, 57, 1049-1072.	1.1	25
67	Climate influence on volcano edifice stability and fluvial landscape evolution surrounding Mount Ruapehu, New Zealand. <i>Geomorphology</i> , 2016, 262, 77-90.	1.1	14
68	Optimal likelihood-based matching of volcanic sources and deposits in the Auckland Volcanic Field. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 323, 194-208.	0.8	7
69	Integrating geological and geophysical data to improve probabilistic hazard forecasting of Arabian Shield volcanism. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 311, 41-59.	0.8	16
70	Long-lived shield volcanism within a monogenetic basaltic field: The conundrum of Rangitoto volcano, New Zealand. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1160-1172.	1.6	16
71	Estimation of tephra volumes from sparse and incompletely observed deposit thicknesses. <i>Bulletin of Volcanology</i> , 2016, 78, 1.	1.1	74
72	Mantle heterogeneity controls on small-volume basaltic volcanism: COMMENT. <i>Geology</i> , 2015, 43, e370-e370.	2.0	0

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73	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.	1.1	23
74	The Al-Duaythah volcanic cones, Al-Madinah City: implications for volcanic hazards in northern Harrat Rahat, Kingdom of Saudi Arabia. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	35
75	Impacts of catastrophic volcanic collapse on the erosion and morphology of a distal fluvial landscape: Hautapu River, Mount Ruapehu, New Zealand. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 266-280.	1.6	16
76	Dynamics and pre-eruptive conditions of catastrophic, ignimbrite-producing eruptions from the Yenkahe Caldera, Vanuatu. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 308, 39-60.	0.8	12
77	Transport and deposition processes of the hydrothermal blast of the 6 August 2012 Te Maari eruption, Mt. Tongariro. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	19
78	Sensitivity to volcanic field boundary. <i>Journal of Applied Volcanology</i> , 2015, 4, .	0.7	19
79	Construction of the North Head (Maungauika) tuff cone: a product of Surtseyan volcanism, rare in the Auckland Volcanic Field, New Zealand. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	28
80	Effects of volatile behaviour on dome collapse and resultant pyroclastic surge dynamics: Gunung Merapi 2010 eruption. <i>Geological Society Special Publication</i> , 2015, 410, 199-218.	0.8	7
81	Identifying multiple eruption phases from a compound tephra blanket: an example of the AD1256 Al-Madinah eruption, Saudi Arabia. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	27
82	Intraplate volcanism influenced by distal subduction tectonics at Jeju Island, Republic of Korea. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	52
83	Synthesizing large-scale pyroclastic flows: Experimental design, scaling, and first results from PELE. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 1487-1502.	1.4	60
84	Linking distal volcanoclastic sedimentation and stratigraphy with the development of Ruapehu volcano, New Zealand. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	16
85	Shallow-seated explosions in the construction of the Motukorea tuff ring (Auckland, New Zealand): Evidence from lithic and sedimentary characteristics. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 304, 272-286.	0.8	22
86	Interpreting Auckland's volcanic governance through an institutional lens. <i>Natural Hazards</i> , 2015, 75, 441-464.	1.6	3
87	Textural features as indicators of debris avalanche transport and emplacement, Taranaki volcano. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 3-18.	1.6	41
88	Volcanic ash leachate compositions and assessment of health and agricultural hazards from 2012 hydrothermal eruptions, Tongariro, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 286, 233-247.	0.8	35
89	Numerical simulation of basaltic lava flows in the Auckland Volcanic Field, New Zealand—implication for volcanic hazard assessment. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	43
90	Final Magma Storage Depth Modulation of Explosivity and Trachyte Phonolite Genesis at an Intraplate Volcano: a Case Study from Ulleung Island, South Korea. <i>Journal of Petrology</i> , 2014, 55, 709-747.	1.1	41

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91	Transport and emplacement mechanisms of channelised long-runout debris avalanches, Ruapehu volcano, New Zealand. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	36
92	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.	0.8	47
93	The application of a calibrated 3D ballistic trajectory model to ballistic hazard assessments at Upper Te Maari, Tongariro. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 286, 248-262.	0.8	54
94	Vents to events: determining an eruption event record from volcanic vent structures for the Harrat Rahat, Saudi Arabia. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	41
95	Dynamics of surges generated by hydrothermal blasts during the 6 August 2012 Te Maari eruption, Mt. Tongariro, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 286, 348-366.	0.8	71
96	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.	1.0	58
97	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. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 286, 208-232.	0.8	43
98	Influences on the variability of eruption sequences and style transitions in the Auckland Volcanic Field, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 286, 101-115.	0.8	69
99	Post 19Âka B.P. eruptive history of Ulleung Island, Korea, inferred from an intra-caldera pyroclastic sequence. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	32
100	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.	1.1	30
101	The eruptive history and chemical stratigraphy of a post-caldera, steady-state volcano: Yasur, Vanuatu. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	37
102	Debris flow evolution and the activation of an explosive hydrothermal system; Te Maari, Tongariro, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 286, 303-316.	0.8	63
103	Automated statistical matching of multiple tephra records exemplified using five long maar sequences younger than 75 ka, Auckland, New Zealand. <i>Quaternary Research</i> , 2014, 82, 405-419.	1.0	16
104	Using the spatial distribution and lithology of ballistic blocks to interpret eruption sequence and dynamics: August 6 2012 Upper Te Maari eruption, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 286, 373-386.	0.8	58
105	Perils in distinguishing phreatic from phreatomagmatic ash; insights into the eruption mechanisms of the 6 August 2012 Mt. Tongariro eruption, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 286, 397-414.	0.8	71
106	The use of Numerical Weather Prediction and a Lagrangian transport (NAME-III) and dispersion (ASHFALL) models to explain patterns of observed ash deposition and dispersion following the August 2012 Te Maari, New Zealand eruption. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 286, 437-451.	0.8	15
107	Modeling thickness variability in tephra deposition. <i>Bulletin of Volcanology</i> , 2013, 75, 1.	1.1	16
108	A model for calculating eruptive volumes for monogenetic volcanoes â€” Implication for the Quaternary Auckland Volcanic Field, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 266, 16-33.	0.8	109

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109	A first hazard analysis of the Quaternary Harrat Al-Madinah volcanic field, Saudi Arabia. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 267, 39-46.	0.8	31
110	Insights into the October–November 2010 Gunung Merapi eruption (Central Java, Indonesia) from the stratigraphy, volume and characteristics of its pyroclastic deposits. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 261, 244-259.	0.8	77
111	Geochemical precursors for eruption repose length. <i>Geophysical Journal International</i> , 2013, 193, 855-873.	1.0	21
112	Temporal Evolution of a High-K Andesitic Magmatic System: Taranaki Volcano, New Zealand. <i>Journal of Petrology</i> , 2012, 53, 325-363.	1.1	26
113	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.	1.1	66
114	Ilchulbong tuff cone, Jeju Island, Korea, revisited: A compound monogenetic volcano involving multiple magma pulses, shifting vents, and discrete eruptive phases. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 259-274.	1.6	60
115	Energy growth in laharcic mass flows. <i>Geology</i> , 2012, 40, 475-478.	2.0	33
116	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.	1.1	78
117	Evaluation of Titan2D modelling forecasts for the 2007 Crater Lake break-out lahar, Mt. Ruapehu, New Zealand. <i>Geomorphology</i> , 2012, 136, 95-105.	1.1	14
118	Non-explosive, dome-forming eruptions at Mt. Taranaki, New Zealand. <i>Geomorphology</i> , 2012, 136, 15-30.	1.1	51
119	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.	1.1	51
120	LiDAR-based quantification of lava flow susceptibility in the City of Auckland (New Zealand). <i>Remote Sensing of Environment</i> , 2012, 125, 198-213.	4.6	30
121	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.	0.6	70
122	Forecasting catastrophic stratovolcano collapse: A model based on Mount Taranaki, New Zealand. <i>Geology</i> , 2012, 40, 983-986.	2.0	30
123	Short- and long-term evacuation of people and livestock during a volcanic crisis: lessons from the 1991 eruption of Volc�n Hudson, Chile. <i>Journal of Applied Volcanology</i> , 2012, 1, .	0.7	38
124	Reconstructing the largest explosive eruptions of Mt. Ruapehu, New Zealand: lithostratigraphic tools to understand subplinian–plinian eruptions at andesitic volcanoes. <i>Bulletin of Volcanology</i> , 2012, 74, 617-640.	1.1	45
125	Andesitic Plinian eruptions at Mt. Ruapehu: quantifying the uppermost limits of eruptive parameters. <i>Bulletin of Volcanology</i> , 2012, 74, 1161-1185.	1.1	23
126	Dental fluorosis linked to degassing of Ambrym volcano, Vanuatu: a novel exposure pathway. <i>Environmental Geochemistry and Health</i> , 2012, 34, 155-170.	1.8	51

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127	Defining conditions for bulking and debulking in lahars. Bulletin of the Geological Society of America, 2011, 123, 1234-1246.	1.6	42
128	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
129	The Whangaehu Formation: Debris-avalanche and lahar deposits from ancestral Ruapehu volcano, New Zealand. Geomorphology, 2011, 133, 57-79.	1.1	27
130	Unravelling a complex volcanic history from fine-grained, intricate Holocene ash sequences at the Tongariro Volcanic Centre, New Zealand. Quaternary International, 2011, 246, 352-363.	0.7	63
131	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
132	The influence of magma plumbing complexity on monogenetic eruptions, Jeju Island, Korea. Terra Nova, 2011, 23, 70-75.	0.9	40
133	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
134	Palaeotsunamis in the Pacific Islands. Earth-Science Reviews, 2011, 107, 141-146.	4.0	73
135	On Selection of Analog Volcanoes. Mathematical Geosciences, 2011, 43, 505-519.	1.4	18
136	Impacts on agriculture following the 1991 eruption of Vulcan Hudson, Patagonia: lessons for recovery. Natural Hazards, 2011, 57, 185-212.	1.6	58
137	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
138	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
139	Mafic Plinian volcanism and ignimbrite emplacement at Tofua volcano, Tonga. Bulletin of Volcanology, 2011, 73, 1259-1277.	1.1	18
140	A medial to distal volcanoclastic 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
141	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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