

Irene C Wallis

List of Publications by Year in descending order

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14
papers

527
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Mineral Alteration and Fracture Influence on the Elastic Properties of Volcaniclastic Rocks. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 4576-4600.	3.4	26
2	A robust methodology for time picking and error analysis of ultrasonic waveforms and rock densities in the laboratory. <i>Geophysics</i> , 2019, 84, MR85-MR97.	2.6	8
3	Separating intrinsic and scattering attenuation in full waveform sonic logging with radiative transfer theory. <i>Geophysical Journal International</i> , 2018, 213, 757-769.	2.4	5
4	A review of the Rotokawa Geothermal Field, New Zealand. <i>Geothermics</i> , 2016, 59, 281-293.	3.4	39
5	Ngatamariki Geothermal Field, New Zealand: Geology, geophysics, chemistry and conceptual model. <i>Geothermics</i> , 2016, 59, 266-280.	3.4	30
6	The development and application of the alteration strength index equation. <i>Engineering Geology</i> , 2015, 199, 48-61.	6.3	19
7	Heterogeneity of structure and stress in the Rotokawa Geothermal Field, New Zealand. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 1243-1262.	3.4	36
8	Microseismicity at Rotokawa geothermal field, New Zealand, 2008–2012. <i>Geothermics</i> , 2015, 54, 23-34.	3.4	16
9	Mechanical and physical properties of hydrothermally altered rocks, Taupo Volcanic Zone, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 288, 76-93.	2.1	154
10	Is climate change affecting rates of dune migration in Antarctica?. <i>Geology</i> , 2011, 39, 831-834.	4.4	17
11	An MIS 5a/b to MIS 3 bog sequence from Henderson Bay, northern New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2011, 54, 209-216.	1.8	1
12	Geological imprint of methane seepage on the seabed and biota of the convergent Hikurangi Margin, New Zealand: Box core and grab carbonate results. <i>Marine Geology</i> , 2010, 272, 285-306.	2.1	51
13	Slipfaceless “whaleback” dunes in a polar desert, Victoria Valley, Antarctica: Insights from ground penetrating radar. <i>Geomorphology</i> , 2010, 114, 361-372.	2.6	51
14	Investigation of the age and migration of reversing dunes in Antarctica using GPR and OSL, with implications for GPR on Mars. <i>Earth and Planetary Science Letters</i> , 2010, 289, 30-42.	4.4	74