

Irene C Wallis

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

527
citations

840776

11
h-index

1058476

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14
all docs

14
docs citations

14
times ranked

656
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | A review of the Rotokawa Geothermal Field, New Zealand. <i>Geothermics</i> , 2016, 59, 281-293. | 3.4 | 39 |
| 6 | 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 |
| 7 | Ngatamariki Geothermal Field, New Zealand: Geology, geophysics, chemistry and conceptual model. <i>Geothermics</i> , 2016, 59, 266-280. | 3.4 | 30 |
| 8 | 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 |
| 9 | The development and application of the alteration strength index equation. <i>Engineering Geology</i> , 2015, 199, 48-61. | 6.3 | 19 |
| 10 | Is climate change affecting rates of dune migration in Antarctica?. <i>Geology</i> , 2011, 39, 831-834. | 4.4 | 17 |
| 11 | Microseismicity at Rotokawa geothermal field, New Zealand, 2008-2012. <i>Geothermics</i> , 2015, 54, 23-34. | 3.4 | 16 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |