

Jack Williams

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

549
citations

623734

14
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Dissipation of Earthquake Energy Where a Fault Follows Pre-Existing Weaknesses: Field and Microstructural Observations of Malawi's Bilila-Mtakataka Fault. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4
2	A systems-based approach to parameterise seismic hazard in regions with little historical or instrumental seismicity: active fault and seismogenic source databases for southern Malawi. <i>Solid Earth</i> , 2021, 12, 187-217.	2.8	17
3	Geodetic Constraints on Cratonic Microplates and Broad Strain During Rifting of Thick Southern African Lithosphere. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093785.	4.0	34
4	Evidence From High-Resolution Topography for Multiple Earthquakes on High Slip-Length Fault Scarps: The Bilila-Mtakataka Fault, Malawi. <i>Tectonics</i> , 2020, 39, e2019TC005933.	2.8	20
5	Structural inheritance and border fault reactivation during active early-stage rifting along the Thyolo fault, Malawi. <i>Journal of Structural Geology</i> , 2020, 139, 104097.	2.3	26
6	Active Fault Scarps in Southern Malawi and Their Implications for the Distribution of Strain in Incipient Continental Rifts. <i>Tectonics</i> , 2020, 39, e2019TC005834.	2.8	31
7	How Do Variably Striking Faults Reactivate During Rifting? Insights From Southern Malawi. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3588-3607.	2.5	28
8	Textural changes of graphitic carbon by tectonic and hydrothermal processes in an active plate boundary fault zone, Alpine Fault, New Zealand. <i>Geological Society Special Publication</i> , 2018, 453, 205-223.	1.3	19
9	Surface Rupture of the Hundalee Fault during the 2016 Mw 7.8 Kaikōura Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1540-1555.	2.3	24
10	Surface Rupture of Multiple Crustal Faults in the 2016 Mw 7.8 Kaikōura, New Zealand, Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1496-1520.	2.3	125
11	The Alpine Fault Hangingwall Viewed From Within: Structural Analysis of Ultrasonic Image Logs in the DFDP-2B Borehole, New Zealand. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2492-2515.	2.5	14
12	Controls on fault zone structure and brittle fracturing in the foliated hanging wall of the Alpine Fault. <i>Solid Earth</i> , 2018, 9, 469-489.	2.8	15
13	Extreme hydrothermal conditions at an active plate-bounding fault. <i>Nature</i> , 2017, 546, 137-140.	27.8	84
14	Bedrock geology of DFDP-2B, central Alpine Fault, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2017, 60, 497-518.	1.8	24
15	Fracturing, fluid-rock interaction and mineralisation during the seismic cycle along the Alpine Fault. <i>Journal of Structural Geology</i> , 2017, 103, 151-166.	2.3	22
16	Petrophysical, Geochemical, and Hydrological Evidence for Extensive Fracture-Mediated Fluid and Heat Transport in the Alpine Fault's Hangingwall Damage Zone. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4709-4732.	2.5	31
17	Damaged beyond repair? Characterising the damage zone of a fault late in its interseismic cycle, the Alpine Fault, New Zealand. <i>Journal of Structural Geology</i> , 2016, 90, 76-94.	2.3	28
18	A comparison of the use of X-ray and neutron tomographic core scanning techniques for drilling projects: insights from scanning core recovered during the Alpine Fault Deep Fault Drilling Project. <i>Scientific Drilling</i> , 0, 22, 35-42.	0.6	3