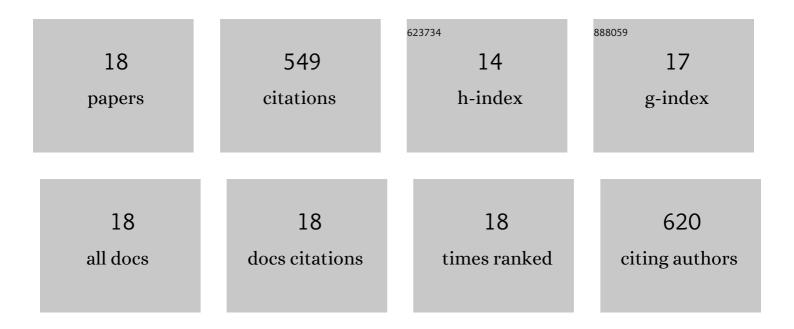
## Jack Williams

List of Publications by Year in descending order

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LACK WILLIAMS

#	Article	IF	CITATIONS
1	Surface Rupture of Multiple Crustal Faults in the 2016 MwÂ7.8 KaikÅura, New Zealand, Earthquake. Bulletin of the Seismological Society of America, 2018, 108, 1496-1520.	2.3	125
2	Extreme hydrothermal conditions at an active plate-bounding fault. Nature, 2017, 546, 137-140.	27.8	84
3	Geodetic Constraints on Cratonic Microplates and Broad Strain During Rifting of Thick Southern African Lithosphere. Geophysical Research Letters, 2021, 48, e2021GL093785.	4.0	34
4	Petrophysical, Geochemical, and Hydrological Evidence for Extensive Fractureâ€Mediated Fluid and Heat Transport in the Alpine Fault's Hangingâ€Wall Damage Zone. Geochemistry, Geophysics, Geosystems, 2017, 18, 4709-4732.	2.5	31
5	Active Fault Scarps in Southern Malawi and Their Implications for the Distribution of Strain in Incipient Continental Rifts. Tectonics, 2020, 39, e2019TC005834.	2.8	31
6	Damaged beyond repair? Characterising the damage zone of a fault late in its interseismic cycle, the Alpine Fault, New Zealand. Journal of Structural Geology, 2016, 90, 76-94.	2.3	28
7	How Do Variably Striking Faults Reactivate During Rifting? Insights From Southern Malawi. Geochemistry, Geophysics, Geosystems, 2019, 20, 3588-3607.	2.5	28
8	Structural inheritance and border fault reactivation during active early-stage rifting along the Thyolo fault, Malawi. Journal of Structural Geology, 2020, 139, 104097.	2.3	26
9	Bedrock geology of DFDP-2B, central Alpine Fault, New Zealand. New Zealand Journal of Geology, and Geophysics, 2017, 60, 497-518.	1.8	24
10	Surface Rupture of the Hundalee Fault during the 2016 MwÂ7.8 KaikÅura Earthquake. Bulletin of the Seismological Society of America, 2018, 108, 1540-1555.	2.3	24
11	Fracturing, fluid-rock interaction and mineralisation during the seismic cycle along the Alpine Fault. Journal of Structural Geology, 2017, 103, 151-166.	2.3	22
12	Evidence From Highâ€Resolution Topography for Multiple Earthquakes on High Slipâ€ŧo‣ength Fault Scarps: The Bililaâ€Mtakataka Fault, Malawi. Tectonics, 2020, 39, e2019TC005933.	2.8	20
13	Textural changes of graphitic carbon by tectonic and hydrothermal processes in an active plate boundary fault zone, Alpine Fault, New Zealand. Geological Society Special Publication, 2018, 453, 205-223.	1.3	19
14	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. Solid Earth, 2021, 12, 187-217.	2.8	17
15	Controls on fault zone structure and brittle fracturing in the foliated hanging wall of the Alpine Fault. Solid Earth, 2018, 9, 469-489.	2.8	15
16	The Alpine Fault Hangingwall Viewed From Within: Structural Analysis of Ultrasonic Image Logs in the DFDPâ€⊋B Borehole, New Zealand. Geochemistry, Geophysics, Geosystems, 2018, 19, 2492-2515.	2.5	14
17	Low Dissipation of Earthquake Energy Where a Fault Follows Preâ€Existing Weaknesses: Field and Microstructural Observations of Malawi's Bililaâ€Mtakataka Fault. Geophysical Research Letters, 2022, 49, .	4.0	4
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. Scientific Drilling, 0, 22, 35-42.	0.6	3