

Luke N J Wedmore

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

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623734

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#	ARTICLE	IF	CITATIONS
1	The Malawi Active Fault Database: An Onshore–Offshore Database for Regional Assessment of Seismic Hazard and Tectonic Evolution. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	16
2	Low Dissipation of Earthquake Energy Where a Fault Follows Pre–Existing Weaknesses: Field and Microstructural Observations of Malawi’s Bilila–Mtakatata Fault. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4
3	Knickpoint morphotectonics of the Middle Shire River basin: Implications for the evolution of rift interaction zones. <i>Basin Research</i> , 2022, 34, 1839-1858.	2.7	4
4	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
5	Determining Histories of Slip on Normal Faults With Bedrock Scarps Using Cosmogenic Nuclide Exposure Data. <i>Tectonics</i> , 2021, 40, e2020TC006457.	2.8	17
6	The Entire Crust can be Seismogenic: Evidence from Southern Malawi. <i>Tectonics</i> , 2021, 40, e2020TC006654.	2.8	12
7	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
8	Evidence From High–Resolution Topography for Multiple Earthquakes on High Slip–to–Length Fault Scarps: The Bilila–Mtakatata Fault, Malawi. <i>Tectonics</i> , 2020, 39, e2019TC005933.	2.8	20
9	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
10	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
11	How Do Variably Striking Faults Reactivate During Rifting? Insights From Southern Malawi. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3588-3607.	2.5	28
12	Partitioned Off–Fault Deformation in the 2016 Norcia Earthquake Captured by Differential Terrestrial Laser Scanning. <i>Geophysical Research Letters</i> , 2019, 46, 3199-3205.	4.0	13
13	Drainage integration and sediment dispersal in active continental rifts: A numerical modelling study of the central Italian Apennines. <i>Basin Research</i> , 2018, 30, 965-989.	2.7	35
14	Surface ruptures following the 30 October 2016 <i>M</i> _w 6.5 Norcia earthquake, central Italy. <i>Journal of Maps</i> , 2018, 14, 151-160.	2.0	121
15	A 667–year record of coseismic and interseismic Coulomb stress changes in central Italy reveals the role of fault interaction in controlling irregular earthquake recurrence intervals. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 5691-5711.	3.4	46
16	Orogen-scale uplift in the central Italian Apennines drives episodic behaviour of earthquake faults. <i>Scientific Reports</i> , 2017, 7, 44858.	3.3	90
17	Active normal faulting during the 1997 seismic sequence in Colfiorito, Umbria: Did slip propagate to the surface?. <i>Journal of Structural Geology</i> , 2016, 91, 102-113.	2.3	25
18	Slip distributions on active normal faults measured from LiDAR and field mapping of geomorphic offsets: an example from L'Aquila, Italy, and implications for modelling seismic moment release. <i>Geomorphology</i> , 2015, 237, 130-141.	2.6	66