Luke N J Wedmore

List of Publications by Year
in descending order

18	611	623734	839539
papers	citations	14 h-index	18 g-index

23	23	23	694
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface ruptures following the 30 October 2016 M_w 6.5 Norcia earthquake, central Italy. Journal of Maps, 2018, 14, 151-160.	2.0	121
2	Orogen-scale uplift in the central Italian Apennines drives episodic behaviour of earthquake faults. Scientific Reports, 2017, 7, 44858.	3.3	90
3	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. Geomorphology, 2015, 237, 130-141.	2.6	66
4	A 667Âyear record of coseismic and interseismic Coulomb stress changes in central Italy reveals the role of fault interaction in controlling irregular earthquake recurrence intervals. Journal of Geophysical Research: Solid Earth, 2017, 122, 5691-5711.	3.4	46
5	Drainage integration and sediment dispersal in active continental rifts: A numerical modelling study of the central Italian Apennines. Basin Research, 2018, 30, 965-989.	2.7	35
6	Geodetic Constraints on Cratonic Microplates and Broad Strain During Rifting of Thick Southern African Lithosphere. Geophysical Research Letters, 2021, 48, e2021GL093785.	4.0	34
7	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
8	How Do Variably Striking Faults Reactivate During Rifting? Insights From Southern Malawi. Geochemistry, Geophysics, Geosystems, 2019, 20, 3588-3607.	2.5	28
9	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
10	Active normal faulting during the 1997 seismic sequence in Colfiorito, Umbria: Did slip propagate to the surface?. Journal of Structural Geology, 2016, 91, 102-113.	2.3	25
11	Evidence From Highâ€Resolution Topography for Multiple Earthquakes on High Slipâ€toâ€Length Fault Scarps: The Bililaâ€Mtakataka Fault, Malawi. Tectonics, 2020, 39, e2019TC005933.	2.8	20
12	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
13	Determining Histories of Slip on Normal Faults With Bedrock Scarps Using Cosmogenic Nuclide Exposure Data. Tectonics, 2021, 40, e2020TC006457.	2.8	17
14	The Malawi Active Fault Database: An Onshoreâ€Offshore Database for Regional Assessment of Seismic Hazard and Tectonic Evolution. Geochemistry, Geophysics, Geosystems, 2022, 23, .	2.5	16
15	Partitioned Offâ€Fault Deformation in the 2016 Norcia Earthquake Captured by Differential Terrestrial Laser Scanning. Geophysical Research Letters, 2019, 46, 3199-3205.	4.0	13
16	The Entire Crust can be Seismogenic: Evidence from Southern Malawi. Tectonics, 2021, 40, e2020TC006654.	2.8	12
17	Low Dissipation of Earthquake Energy Where a Fault Follows Preâ€Existing Weaknesses: Field and Microstructural Observations of Malawiâ€™s Bililaâ€Mtakataka Fault. Geophysical Research Letters, 2022, 49, .	4.0	4
18	Knickpoint morphotectonics of the Middle Shire River basin: Implications for the evolution of rift interaction zones. Basin Research, 2022, 34, 1839-1858.	2.7	4