

Olaf Zielke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4692255/publications.pdf>

Version: 2024-02-01

23
papers

1,305
citations

567281

15
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Slip in the 1857 and Earlier Large Earthquakes Along the Carrizo Plain, San Andreas Fault. <i>Science</i> , 2010, 327, 1119-1122.	12.6	223
2	Tectonic geomorphology of the San Andreas Fault zone from high resolution topography: An example from the Cholame segment. <i>Geomorphology</i> , 2009, 113, 70-81.	2.6	159
3	Fault slip and earthquake recurrence along strike-slip faults – Contributions of high-resolution geomorphic data. <i>Tectonophysics</i> , 2015, 638, 43-62.	2.2	156
4	High-Resolution Topography-Derived Offsets along the 1857 Fort Tejon Earthquake Rupture Trace, San Andreas Fault. <i>Bulletin of the Seismological Society of America</i> , 2012, 102, 1135-1154.	2.3	98
5	The Earthquake–Source Inversion Validation (SIV) Project. <i>Seismological Research Letters</i> , 2016, 87, 690-708.	1.9	96
6	Surface slip during large Owens Valley earthquakes. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2239-2269.	2.5	79
7	Title is missing!, 2012, 8, 206.		72
8	Fault roughness and strength heterogeneity control earthquake size and stress drop. <i>Geophysical Research Letters</i> , 2017, 44, 777-783.	4.0	64
9	Century-long average time intervals between earthquake ruptures of the San Andreas fault in the Carrizo Plain, California. <i>Geology</i> , 2010, 38, 787-790.	4.4	56
10	Climate-Modulated Channel Incision and Rupture History of the San Andreas Fault in the Carrizo Plain. <i>Science</i> , 2010, 327, 1117-1119.	12.6	53
11	The Bayesian Earthquake Analysis Tool. <i>Seismological Research Letters</i> , 2020, 91, 1003-1018.	1.9	41
12	Plate boundary localization, slip-rates and rupture segmentation of the Queen Charlotte Fault based on submarine tectonic geomorphology. <i>Earth and Planetary Science Letters</i> , 2020, 530, 115882.	4.4	31
13	Depth variation of coseismic stress drop explains bimodal earthquake magnitude–frequency distribution. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	30
14	Applications of airborne and terrestrial laser scanning to paleoseismology. , 2012, 8, 771-786.		29
15	Recurrence of Large Earthquakes in Magmatic Continental Rifts: Insights from a Paleoseismic Study along the Laikipia-Marmanet Fault, Subukia Valley, Kenya Rift. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 61-70.	2.3	28
16	Validation of meter-scale surface faulting offset measurements from high-resolution topographic data. , 2015, 11, 1884-1901.		26
17	Active tectonics in 4D high-resolution. <i>Journal of Structural Geology</i> , 2018, 117, 264-271.	2.3	23
18	Earthquake Recurrence and the Resolution Potential of Tectono–Geomorphic Records. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1399-1413.	2.3	16

#	ARTICLE	IF	CITATIONS
19	Differentiating simple and composite tectonic landscapes using numerical fault slip modeling with an example from the south central Alborz Mountains, Iran. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 1792-1805.	2.8	7
20	Faulted landforms, slip-rate, and tectonic implications of the eastern Lenglongling fault, northeastern Tibetan Plateau. <i>Tectonophysics</i> , 2022, 823, 229195.	2.2	7
21	Subpatch roughness in earthquake rupture investigations. <i>Geophysical Research Letters</i> , 2016, 43, 1893-1900.	4.0	6
22	Magnitude-Dependent Transient Increase of Seismogenic Depth. <i>Seismological Research Letters</i> , 2020, 91, 2182-2191.	1.9	3
23	Three-Dimensional Investigation of a 5 m Deflected Swale along the San Andreas Fault in the Carrizo Plain. <i>Bulletin of the Seismological Society of America</i> , 2014, 104, 2799-2808.	2.3	2