

Edwin K Nissen

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,490
citations

394421

19
h-index

395702

33
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40
all docs

40
docs citations

40
times ranked

1520
citing authors

#	ARTICLE	IF	CITATIONS
1	A reappraisal of active tectonics along the Fethiye–Burdur trend, southwestern Turkey. <i>Geophysical Journal International</i> , 2022, 230, 1030-1051.	2.4	4
2	Structural controls on coseismic rupture revealed by the 2020 M _w 6.0 Jiashi earthquake (Kepingtag belt, SW Tian Shan, China). <i>Geophysical Journal International</i> , 2022, 230, 1895-1910.	2.4	3
3	On the Relevance of Geodetic Deformation Rates to Earthquake Potential. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093231.	4.0	16
4	The 2019–2020 Khalili (Iran) Earthquake Sequence—Anthropogenic Seismicity in the Zagros Simply Folded Belt?. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022797.	3.4	9
5	Tracking earthquake sequences in real time: application of Seismicity-Scanning based on Navigated Automatic Phase-picking (S-SNAP) to the 2019 Ridgecrest, California sequence. <i>Geophysical Journal International</i> , 2020, 223, 1511-1524.	2.4	2
6	The 2020 M _w 6.8 Elazığ (Turkey) Earthquake Reveals Rupture Behavior of the East Anatolian Fault. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088136.	4.0	50
7	Submeter Resolution Surface Rupture Topography From Legacy Aerial Photographs—A Test Case From the 1992 Landers Earthquake. <i>Earth and Space Science</i> , 2020, 7, e2019EA000651.	2.6	3
8	Seismotectonics of the Zagros (Iran) From Orogen-Wide, Calibrated Earthquake Relocations. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 9109-9129.	3.4	48
9	Unusual kinematics of the Papatea fault (2016 Kaikōura earthquake) suggest anelastic rupture. <i>Science Advances</i> , 2019, 5, eaax5703.	10.3	36
10	The December 2017 Hojedd (Iran) earthquake triplet—sequential rupture of shallow reverse faults in a strike-slip restraining bend. <i>Geophysical Journal International</i> , 2019, 217, 909-925.	2.4	21
11	The 2016 M7 Kumamoto, Japan, Earthquake Slip Field Derived From a Joint Inversion of Differential Lidar Topography, Optical Correlation, and InSAR Surface Displacements. <i>Geophysical Research Letters</i> , 2019, 46, 6341-6351.	4.0	30
12	Seismicity-Scanning Based on Navigated Automatic Phase-Picking. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 3802-3818.	3.4	12
13	The 12 November 2017 M _w 7.3 Ezgeleh–Sarpolzahab (Iran) Earthquake and Active Tectonics of the Lurestan Arc. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 2124-2152.	3.4	57
14	The August 2018 Kaktovik Earthquakes: Active Tectonics in Northeastern Alaska Revealed With InSAR and Seismology. <i>Geophysical Research Letters</i> , 2019, 46, 14412-14420.	4.0	20
15	Extent of Low-Angle Normal Slip in the 2010 El Mayor–Cucapah (Mexico) Earthquake From Differential Lidar. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 943-956.	3.4	9
16	Validation of the 3-D phase-weighted relative back projection technique and its application to the 2016 M _w 7.8 Kaikōura earthquake. <i>Geophysical Journal International</i> , 2019, 217, 375-388.	2.4	15
17	The 2017 July 20 M _w 6.6 Bodrum–Kos earthquake illuminates active faulting in the Gulf of Gökova, SW Turkey. <i>Geophysical Journal International</i> , 2018, 214, 185-199.	2.4	34
18	Surface Rupture Morphology and Vertical Slip Distribution of the 1959 Hebgen Lake (Montana) Earthquake From Airborne Lidar Topography. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8229-8248.	3.4	19

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19	Coseismic Rupture and Preliminary Slip Estimates for the Papatea Fault and Its Role in the 2016 Mw 7.8 Kaikōura, New Zealand, Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1596-1622.	2.3	41
20	The 2016 Kumamoto, Japan, Earthquake: 3D Deformation Along the Fault and Within the Damage Zone Constrained From Differential Lidar Topography. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 6138-6155.	3.4	75
21	Normal faulting in the Simav graben of western Turkey reassessed with calibrated earthquake relocations. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 4553-4574.	3.4	21
22	The 2013 Mw 6.2 Khaki-Shonbe (Iran) Earthquake: Insights into seismic and aseismic shortening of the Zagros sedimentary cover. <i>Earth and Space Science</i> , 2015, 2, 435-471.	2.6	38
23	Seismogenic faulting of the sedimentary sequence and laterally variable material properties in the Zagros Mountains (Iran) revealed by the August 2014 Murmuri (E. Dehloran) earthquake sequence. <i>Geophysical Journal International</i> , 2015, 203, 1436-1459.	2.4	34
24	Coseismic fault zone deformation revealed with differential lidar: Examples from Japanese intraplate earthquakes. <i>Earth and Planetary Science Letters</i> , 2014, 405, 244-256.	4.4	83
25	Rapid mapping of ultrafine fault zone topography with structure from motion. , 2014, 10, 969-986.		224
26	Zagros "phantom earthquakes" reassessed: The interplay of seismicity and deep salt flow in the Simply Folded Belt?. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3561-3583.	3.4	42
27	Optimization of legacy lidar data sets for measuring near-field earthquake displacements. <i>Geophysical Research Letters</i> , 2014, 41, 3494-3501.	4.0	47
28	3D change detection using low cost aerial imagery. , 2012, , .		2
29	Slip in the 2010-2011 Canterbury earthquakes, New Zealand. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	103
30	Three-dimensional surface displacements and rotations from differencing pre- and post-earthquake LiDAR point clouds. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	73
31	New views on earthquake faulting in the Zagros fold-and-thrust belt of Iran. <i>Geophysical Journal International</i> , 2011, 186, 928-944.	2.4	154
32	Late Quaternary rates of uplift and shortening at Baatar Hyarhan (Mongolian Altai) with optically stimulated luminescence. <i>Geophysical Journal International</i> , 2009, 177, 259-278.	2.4	17
33	The late Quaternary slip-rate of the Har-Us-Nuur fault (Mongolian Altai) from cosmogenic ¹⁰ Be and luminescence dating. <i>Earth and Planetary Science Letters</i> , 2009, 286, 467-478.	4.4	43
34	Combining InSAR and seismology to study the 2003 Siberian Altai earthquakes-dextral strike-slip and anticlockwise rotations in the northern India-Eurasia collision zone. <i>Geophysical Journal International</i> , 2007, 169, 216-232.	2.4	38
35	The 2005 Qeshm Island earthquake (Iran)-a link between buried reverse faulting and surface folding in the Zagros Simply Folded Belt?. <i>Geophysical Journal International</i> , 2007, 171, 326-338.	2.4	65