

Debi Kilb

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,634
citations

394286

19
h-index

302012

39
g-index

50
all docs

50
docs citations

50
times ranked

1590
citing authors

#	ARTICLE	IF	CITATIONS
1	Alert Optimization of the PLUM Earthquake Early Warning Algorithm for the Western United States. Bulletin of the Seismological Society of America, 2022, 112, 803-819.	1.1	8
2	The PLUM Earthquake Early Warning Algorithm: A Retrospective Case Study of West Coast, USA, Data. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021053.	1.4	14
3	Modulation of seismic noise near the San Jacinto fault in southern California: origin and observations of the cyclical time dependence and associated crustal properties. Geophysical Journal International, 2021, 225, 127-139.	1.0	1
4	Optimally Oriented Remote Triggering in the Coso Geothermal Region. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019131.	1.4	14
5	The M2 Tidal Tilt Results from USArray Seismic Data from the Western United States. Bulletin of the Seismological Society of America, 2020, 110, 3196-3210.	1.1	1
6	Real-Time Performance of the PLUM Earthquake Early Warning Method during the 2019 M ^{6.4} and 7.1 Ridgecrest, California, Earthquakes. Bulletin of the Seismological Society of America, 2020, 110, 1887-1903.	1.1	20
7	Going Beyond Rate Changes as the Sole Indicator for Dynamic Triggering of Earthquakes. Scientific Reports, 2020, 10, 4120.	1.6	13
8	Peak Ground Velocity Spatial Variability Revealed by Dense Seismic Array in Southern California. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019157.	1.4	7
9	Event Detection Performance of the PLUM Earthquake Early Warning Algorithm in Southern California. Bulletin of the Seismological Society of America, 2019, 109, 1524-1541.	1.1	28
10	Joint geodetic and seismic analysis of surface crevassing near a seasonal glacier-dammed lake at Gornergletscher, Switzerland. Annals of Glaciology, 2019, 60, 1-13.	2.8	6
11	Ground Motion Residuals, Path Effects, and Crustal Properties: A Pilot Study in Southern California. Journal of Geophysical Research: Solid Earth, 2019, 124, 5738-5753.	1.4	27
12	Tilt Trivia: A Free Multiplayer App to Learn Geoscience Concepts and Definitions. Seismological Research Letters, 2018, 89, 1908-1915.	0.8	0
13	Decomposing Leftovers: Event, Path, and Site Residuals for a Small-Magnitude Anza Region GMPE. Bulletin of the Seismological Society of America, 2018, 108, 2478-2492.	1.1	31
14	Contour-Based Frequency-Domain Event Detection for Seismic Arrays. Seismological Research Letters, 2018, 89, 1514-1523.	0.8	4
15	A Time-Domain Detection Approach to Identify Small Earthquakes within the Continental United States Recorded by the USArray and Regional Networks. Bulletin of the Seismological Society of America, 2016, 106, 512-525.	1.1	15
16	Using glacier seismicity for phase velocity measurements and Green's function retrieval. Geophysical Journal International, 2015, 201, 1722-1737.	1.0	33
17	Rapid Earthquake Characterization Using MEMS Accelerometers and Volunteer Hosts Following the M 7.2 Darfield, New Zealand, Earthquake. Bulletin of the Seismological Society of America, 2014, 104, 184-192.	1.1	42
18	The Game of Curiosity: Using Videogames to Cultivate Future Scientists. Seismological Research Letters, 2014, 85, 923-929.	0.8	1

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19	Humming glaciers. <i>Geology</i> , 2014, 42, 1099-1102.	2.0	18
20	Exploring remote earthquake triggering potential across EarthScopes' Transportable Array through frequency domain array visualization. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 8950-8963.	1.4	16
21	Selecting Empirical Green's Functions in Regions of Fault Complexity: A Study of Data from the San Jacinto Fault Zone, Southern California. <i>Bulletin of the Seismological Society of America</i> , 2013, 103, 641-650.	1.1	18
22	Listen, Watch, Learn: SeisSound Video Products. <i>Seismological Research Letters</i> , 2012, 83, 281-286.	0.8	31
23	Listening to the 2011 Magnitude 9.0 Tohoku-Oki, Japan, Earthquake. <i>Seismological Research Letters</i> , 2012, 83, 287-293.	0.8	26
24	A Comparison of Spectral Parameter Kappa from Small and Moderate Earthquakes Using Southern California ANZA Seismic Network Data. <i>Bulletin of the Seismological Society of America</i> , 2012, 102, 284-300.	1.1	75
25	Loading of the San Andreas fault by flood-induced rupture of faults beneath the Salton Sea. <i>Nature Geoscience</i> , 2011, 4, 486-492.	5.4	53
26	A Case Study of Two M ₅ Mainshocks in Anza, California: Is the Footprint of an Aftershock Sequence Larger Than We Think?. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 2721-2735.	1.1	12
27	Flash-Based Tool for Earthquake Epicenter Identification. , 2009, , .		0
28	Throwing mud. <i>Nature Geoscience</i> , 2008, 1, 572-573.	5.4	4
29	3-D Interdisciplinary Visualization: Tools for Scientific Analysis and Communication. <i>Seismological Research Letters</i> , 2008, 79, 867-876.	0.8	6
30	Aftershock Detection Thresholds as a Function of Time: Results from the ANZA Seismic Network following the 31 October 2001 ML 5.1 Anza, California, Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2007, 97, 780-792.	1.1	15
31	Seismogenic, electrically conductive, and fluid zones at continental plate boundaries in New Zealand, Himalaya, and California. <i>Geophysical Monograph Series</i> , 2007, , 347-369.	0.1	21
32	Correlations between earthquakes and large mud volcano eruptions. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	130
33	Quantifying the remote triggering capabilities of large earthquakes using data from the ANZA Seismic Network catalog (southern California). <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	16
34	Fault Parameter Constraints Using Relocated Earthquakes: A Validation of First-Motion Focal-Mechanism Data. <i>Bulletin of the Seismological Society of America</i> , 2006, 96, 1140-1158.	1.1	41
35	Collaborative data visualization for Earth Sciences with the OptiPuter. <i>Future Generation Computer Systems</i> , 2006, 22, 955-963.	4.9	16
36	Visualization tools facilitate geological investigations of Mars Exploration Rover landing sites. , 2005, 5669, 135.		3

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37	Roomquake. , 2005, , .		17
38	3D visualization of recent Sumatra Earthquake. Eos, 2005, 86, 142.	0.1	1
39	Earthquake source scaling and self-similarity estimation from stackingPandSspectra. Journal of Geophysical Research, 2004, 109, .	3.3	170
40	Directional Variations in Travel-Time Residuals of Teleseismic P Waves in the Crust and Mantle beneath Northern Tien Shan. Bulletin of the Seismological Society of America, 2004, 94, 650-664.	1.1	4
41	A strong correlation between induced peak dynamic Coulomb stress change from the 1992M7.3 Landers, California, earthquake and the hypocenter of the 1999M7.1 Hector Mine, California, earthquake. Journal of Geophysical Research, 2003, 108, ESE 3-1-ESE 3-7.	3.3	42
42	The Visualization Center at Scripps Institution of Oceanography: Education and Outreach. Seismological Research Letters, 2003, 74, 641-648.	0.8	2
43	Education and Outreach Based on Data from the Anza Seismic Network in Southern California. Seismological Research Letters, 2003, 74, 522-528.	0.8	3
44	Spatiotemporal Analyses of Earthquake Productivity and Size Distribution: Observations and Simulations. Bulletin of the Seismological Society of America, 2003, 93, 2069-2081.	1.1	26
45	Implications of diverse fault orientations imaged in relocated aftershocks of the Mount Lewis,ML5.7, California, earthquake. Journal of Geophysical Research, 2002, 107, ESE 5-1-ESE 5-17.	3.3	42
46	Aftershock triggering by complete Coulomb stress changes. Journal of Geophysical Research, 2002, 107, ESE 2-1-ESE 2-14.	3.3	164
47	Triggering of earthquake aftershocks by dynamic stresses. Nature, 2000, 408, 570-574.	13.7	309
48	Title is missing!. , 1999, 3, 409-420.		47
49	On the origin of diverse aftershock mechanisms following the 1989 Loma Prieta earthquake. Geophysical Journal International, 1997, 128, 557-570.	1.0	41
50	<i>Flash Mob Science</i>: from Landmarks to Love Hz. Seismological Research Letters, 0, , .	0.8	0