

Nathaniel J Lindsey

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,880
citations

516710

16
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

1514
citing authors

#	ARTICLE	IF	CITATIONS
1	Watching the Cryosphere Thaw: Seismic Monitoring of Permafrost Degradation Using Distributed Acoustic Sensing During a Controlled Heating Experiment. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	9
2	Low-Magnitude Seismicity With a Downhole Distributed Acoustic Sensing Array—Examples From the FORGE Geothermal Experiment. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, .	3.4	32
3	Utilizing distributed acoustic sensing and ocean bottom fiber optic cables for submarine structural characterization. <i>Scientific Reports</i> , 2021, 11, 5613.	3.3	49
4	Fiber-Optic Seismology. <i>Annual Review of Earth and Planetary Sciences</i> , 2021, 49, 309-336.	11.0	112
5	Global quieting of high-frequency seismic noise due to COVID-19 pandemic lockdown measures. <i>Science</i> , 2020, 369, 1338-1343.	12.6	202
6	City-Scale Dark Fiber DAS Measurements of Infrastructure Use During the COVID-19 Pandemic. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089931.	4.0	82
7	Comparison between Distributed Acoustic Sensing and Geophones: Downhole Microseismic Monitoring of the FORGE Geothermal Experiment. <i>Seismological Research Letters</i> , 2020, 91, 3256-3268.	1.9	53
8	On the Broadband Instrument Response of Fiber-Optic DAS Arrays. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018145.	3.4	138
9	The Potential of DAS in Teleseismic Studies: Insights From the Goldstone Experiment. <i>Geophysical Research Letters</i> , 2019, 46, 1320-1328.	4.0	82
10	Faulting processes during early-stage rifting: seismic and geodetic analysis of the 2009–2010 Northern Malawi earthquake sequence. <i>Geophysical Journal International</i> , 2019, 217, 1767-1782.	2.4	24
11	Distributed Acoustic Sensing Using Dark Fiber for Near-Surface Characterization and Broadband Seismic Event Detection. <i>Scientific Reports</i> , 2019, 9, 1328.	3.3	291
12	Illuminating seafloor faults and ocean dynamics with dark fiber distributed acoustic sensing. <i>Science</i> , 2019, 366, 1103-1107.	12.6	324
13	Conceptual model of the Tatun geothermal system, Taiwan. <i>Geothermics</i> , 2018, 74, 273-297.	3.4	15
14	Permafrost Degradation and Subsidence Observations during a Controlled Warming Experiment. <i>Scientific Reports</i> , 2018, 8, 10908.	3.3	21
15	Compartmentalization of the Coso East Flank geothermal field imaged by 3-D full-tensor MT inversion. <i>Geophysical Journal International</i> , 2017, 208, 652-662.	2.4	4
16	Fiber-Optic Network Observations of Earthquake Wavefields. <i>Geophysical Research Letters</i> , 2017, 44, 11,792.	4.0	248
17	Interferometry of a roadside DAS array in Fairbanks, AK. , 2016, , .		28
18	Comparison of 3D MT inversions for geothermal exploration: Case studies for Krafla and Hengill geothermal systems in Iceland. <i>Geothermics</i> , 2015, 57, 258-274.	3.4	29

#	ARTICLE	IF	CITATIONS
19	Resistivity characterization of the Krafla and Hengill geothermal fields through 3D MT inverse modeling. <i>Geothermics</i> , 2015, 57, 246-257.	3.4	51
20	Improved workflow for 3D inverse modeling of magnetotelluric data: Examples from five geothermal systems. <i>Geothermics</i> , 2015, 53, 527-532.	3.4	23
21	Hydrogeophysics and the settlement of San Marcos Pueblo, NM: Investigations by the SAGE geophysical field course. , 2011, , .		2