

Lars OttemÅgller

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,093
citations

566801

15
h-index

454577

30
g-index

44
all docs

44
docs citations

44
times ranked

1166
citing authors

#	ARTICLE	IF	CITATIONS
1	SeisAn Earthquake Analysis Software. Seismological Research Letters, 1999, 70, 532-534.	0.8	307
2	Routine Data Processing in Earthquake Seismology. , 2010, , .		154
3	Moment Magnitude Determination for Local and Regional Earthquakes Based on Source Spectra. Bulletin of the Seismological Society of America, 2003, 93, 203-214.	1.1	64
4	Earthquakes track subduction fluids from slab source to mantle wedge sink. Science Advances, 2019, 5, eaav7369.	4.7	54
5	Seismological Observatory Software: 30 Yr of SEISAN. Seismological Research Letters, 2020, 91, 1846-1852.	0.8	52
6	Seismicity, Deformation, and Metamorphism in the Western Hellenic Subduction Zone: New Constraints From Tomography. Journal of Geophysical Research: Solid Earth, 2018, 123, 3000-3026.	1.4	44
7	Lateral variation of Lg wave propagation in southern Mexico. Journal of Geophysical Research, 2002, 107, ESE 3-1-ESE 3-13.	3.3	42
8	Seismo-acoustic analysis of the Buncefield oil depot explosion in the UK, 2005 December 11. Geophysical Journal International, 2008, 172, 1123-1134.	1.0	36
9	The crustal structure of Norway from inversion of teleseismic receiver functions. Journal of Seismology, 2003, 7, 35-48.	0.6	35
10	Preliminary Analysis of the 21 February 2008 Svalbard (Norway) Seismic Sequence. Seismological Research Letters, 2010, 81, 63-75.	0.8	34
11	A Local Magnitude Scale ML for the United Kingdom. Bulletin of the Seismological Society of America, 2013, 103, 2884-2893.	1.1	30
12	Calibration of an M L scale for South Africa using tectonic earthquake data recorded by the South African National Seismograph Network: 2006 to 2009. Journal of Seismology, 2013, 17, 437-451.	0.6	24
13	Magnitude scales for very local earthquakes. Application for Deception Island Volcano (Antarctica). Journal of Volcanology and Geothermal Research, 2003, 128, 115-133.	0.8	22
14	Extending local magnitude ML to short distances. Geophysical Journal International, 2019, 216, 1145-1156.	1.0	22
15	QLg tomography in Colombia. Physics of the Earth and Planetary Interiors, 2002, 130, 253-270.	0.7	21
16	<i>Lg</i> wave attenuation in Britain. Geophysical Journal International, 2009, 179, 1593-1606.	1.0	19
17	Ambient noise levels and detection threshold in Norway. Journal of Seismology, 2016, 20, 889-904.	0.6	16
18	SeisNet: A General Purpose Virtual Seismic Network. Seismological Research Letters, 1999, 70, 522-528.	0.8	10

#	ARTICLE	IF	CITATIONS
19	The Dudley earthquake of 2002: A moderate sized earthquake in the UK. <i>Tectonophysics</i> , 2005, 401, 1-22.	0.9	10
20	UiB-NORSAR EIDA Node: Integration of Seismological Data in Norway. <i>Seismological Research Letters</i> , 2021, 92, 1491-1500.	0.8	10
21	Finite-fault scaling relations in Mexico. <i>Geophysical Journal International</i> , 2013, 193, 1570-1588.	1.0	9
22	New magnitude scales M_L and spectrum-based M_w for the area around Shanxi Rift System, North China. <i>Journal of Seismology</i> , 2015, 19, 141-158.	0.6	9
23	Source Study of the 24 August 2016 M_w 6.8 Chauk, Myanmar, Earthquake. <i>Seismological Research Letters</i> , 2018, 89, 1773-1785.	0.8	9
24	Ground motion simulations for Åzmir, Turkey: parameter uncertainty. <i>Journal of Seismology</i> , 2013, 17, 1223-1252.	0.6	7
25	Source study of the Jan Mayen transform fault strike-slip earthquakes. <i>Tectonophysics</i> , 2014, 628, 71-84.	0.9	7
26	The 30 June 2017 North Sea Earthquake: Location, Characteristics, and Context. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 937-952.	1.1	7
27	When Clocks Are Not Working: OBS Time Correction. <i>Seismological Research Letters</i> , 2020, 91, 2247-2258.	0.8	6
28	Improved Seismic Monitoring with OBS Deployment in the Arctic: A Pilot Study from Offshore Western Svalbard. <i>Seismological Research Letters</i> , 2021, 92, 2705-2717.	0.8	6
29	Earthquake source parameters in Norway determined with empirical Green's functions. <i>Journal of Seismology</i> , 2019, 23, 715-724.	0.6	5
30	Regional m_b Body-Wave Magnitude Scale (m_b) for Earthquakes Along the Northern Mid-Atlantic Ridge. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 10,321.	1.4	4
31	Minimum 1D Velocity Model and Local Magnitude Scale for Myanmar. <i>Seismological Research Letters</i> , 0, , .	0.8	3
32	Implications of 3D Seismic Raytracing on Focal Mechanism Determination. <i>Bulletin of the Seismological Society of America</i> , 2019, 109, 2746-2754.	1.1	3
33	QLg wave tomography beneath Norway. <i>Journal of Seismology</i> , 2019, 23, 151-164.	0.6	3
34	Ambient noise levels in Turkey and an evaluation of recording quality of the National Network. <i>Acta Geodaetica Et Geophysica</i> , 2020, 55, 83-99.	0.7	2
35	The Storfjorden, Svalbard, Earthquake Sequence 2008-2020: Transtensional Tectonics in an Arctic Intraplate Region. <i>Seismological Research Letters</i> , 2021, 92, 2838-2849.	0.8	2
36	Frontiers of Seismology. <i>Astronomy and Geophysics</i> , 2009, 50, 4.31-4.34.	0.1	1

#	ARTICLE	IF	CITATIONS
37	A Regional S_n Magnitude Scale $m_b(S_n)$ and Estimates of Moment Magnitude for Earthquakes along the Northern Mid-Atlantic Ridge. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 3158-3173.	1.1	1
38	Source parameters of the moderate Mozambique – Zimbabwe border earthquake on 22 December 2018. <i>Journal of African Earth Sciences</i> , 2020, 166, 103829.	0.9	1
39	The European Plate Observing System and the Arctic. <i>Arctic</i> , 2015, 68, 69.	0.2	1
40	Toward Waveform-Based Characterization of Slab & Mantle Wedge (SAM) Earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021573.	1.4	0
41	Seismic Network and Data Quality. , 2015, , 2920-2932.		0