John L NÃ¡bÄ›lek

List of Publications by Year
in descending order

30 papers	2,173 citations	361296 20 h-index	477173 29 g-index
30 all docs	30 docs citations	30 times ranked	2105 citing authors

#	Article	IF	Citations
1	Seismic crustal imaging using fin whale songs. Science, 2021, 371, 731-735.	6.0	10
2	Sensor Orientation of Iranian Broadband Seismic Stations from P-Wave Particle Motion. Seismological Research Letters, 2020, 91, 1660-1671.	0.8	13
3	A Rapid Response Network to Record Aftershocks of the 2015 MÂ7.8 Gorkha Earthquake in Nepal. Seismological Research Letters, 2020, 91, 2399-2408.	0.8	6
4	Mode of slip and crustâ€“mantle interaction at oceanic transform faults. Nature Geoscience, 2019, 12, 138-142.	5.4	42
5	Mantle dynamics beneath the discrete and diffuse plate boundaries of the <scp>J</scp>uan de <scp>F</scp>uca plate: Results from <scp>C</scp>ascadia <scp>I</scp>nitiative body wave tomography. Geochemistry, Geophysics, Geosystems, 2017, 18, 2906-2929.	1.0	22
6	Implementation of an Automatic Polarization Sâ€Wave Picker for Local Earthquake Relocation and Tomography in Southâ€Central Tibet. Bulletin of the Seismological Society of America, 2017, 107, 2501-2510.	1.1	0
7	A seasonally modulated earthquake swarm near Maupin, Oregon. Geophysical Journal International, 2014, 197, 1736-1743.	1.0	3
8	Thermal characteristics of the Main Himalaya Thrust and the Indian lower crust with implications for crustal rheology and partial melting in the Himalaya orogen. Earth and Planetary Science Letters, 2014, 395, 116-123.	1.8	34
9	Evidence for low-angle normal faulting in the Pumqu-Xianza Rift, Tibet. Geophysical Journal International, 2012, 190, 1335-1340.	1.0	10
10	Underplating in the Himalaya-Tibet Collision Zone Revealed by the Hi-CLIMB Experiment. Science, 2009, 325, 1371-1374.	6.0	662
11	Seismic velocities in Southern Tibet lower crust: a receiver function approach for eclogite detection. Geophysical Journal International, 2009, 177, 1037-1049.	1.0	96
12	Segmentation of the Blanco Transform Fault Zone from earthquake analysis: Complex tectonics of an oceanic transform fault. Journal of Geophysical Research, 2008, 113, .	3.3	51
13	Probable low-angle thrust earthquakes on the Juan de Fucaâ€“North America plate boundary. Geology, 2008, 36, 127.	2.0	33
14	Density distribution of the India plate beneath the Tibetan plateau: Geophysical and petrological constraints on the kinetics of lower-crustal eclogitization. Earth and Planetary Science Letters, 2007, 264, 226-244.	1.8	168
15	The effective elastic thickness of the India Plate from receiver function imaging, gravity anomalies and thermomechanical modelling. Geophysical Journal International, 2006, 167, 1106-1118.	1.0	90
16	Paleomagnetism-based limits on earthquake magnitudes in northwestern metropolitan Los Angeles, California, USA. Geology, 2005, 33, 401.	2.0	4
17	Earthquake-induced changes in a hydrothermal system on the Juan de Fuca mid-ocean ridge. Nature, 2000, 407, 174-177.	13.7	140
18	Recent tectonics of the Blanco Ridge, eastern blanco transform fault zone. Marine Geophysical Researches, 2000, 21, 423-450.	0.5	30

#	Article	IF	Citations
19	Rotation and plate locking at the Southern Cascadia Subduction Zone. Geophysical Research Letters, 2000, 27, 3117-3120.	1.5	149
20	Present-day deformation of the Qaidam basin with implications for intra-continental tectonics. Tectonophysics, 1999, 305, 165-181.	0.9	94
21	Role of oblique convergence in the active deformation of the Himalayas and southern Tibet plateau. Geology, 1998, 26, 691.	2.0	196
22	Location and source parameters of the 19 June 1994 (MW = 5.0) offshore Petrolia, California, earthquake. Bulletin of the Seismological Society of America, 1997, 87, 272-276.	1.1	4
23	Detecting slow, long-duration slip of large earthquakes using very long-period orbital surface waves. Geophysical Journal International, 1996, 124, 483-501.	1.0	5
24	Moment-tensor analysis using regional data: Application to the 25 March, 1993, Scotts Mills, Oregon, Earthquake. Geophysical Research Letters, 1995, 22, 13-16.	1.5	69
25	The 1993 Klamath Falls, Oregon, earthquake sequence: Source mechanisms from regional data. Geophysical Research Letters, 1995, 22, 105-108.	1.5	28
26	Seismicity and fault interaction, Southern San Jacinto Fault Zone and adjacent faults, southern California: Implications for seismic hazard. Tectonics, 1991, 10, 1187-1203.	1.3	20
27	Rupture process of the MacQuarie Ridge Earthquake of May 23, 1989. Geophysical Research Letters, 1990, 17, 1017-1020.	1.5	24
28	Seismogenic strikeâ€slip faulting and the development of the North China Basin. Tectonics, 1988, 7, 975-989.	1.3	106
29	Source mechanism of the Bartin earthquake of September 3, 1968 in northwestern Turkey: Evidence for active thrust faulting at the southern Black Sea margin. Tectonophysics, 1986, 122, 73-88.	0.9	37
30	Source properties of the 1976 earthquake in east turkey: A comparison of field data and teleseismic results. Tectonophysics, 1978, 49, 199-205.	0.9	27