

John Mccloskey

List of Publications by Year in descending order

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35
papers

1,461
citations

331670

21
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

1289
citing authors

#	ARTICLE	IF	CITATIONS
1	Earthquake risk from co-seismic stress. <i>Nature</i> , 2005, 434, 291-291.	27.8	168
2	Earthquake risk on the Sunda trench. <i>Nature</i> , 2005, 435, 756-757.	27.8	145
3	Stress accumulation and increased seismic risk in eastern Turkey. <i>Earth and Planetary Science Letters</i> , 2002, 195, 291-298.	4.4	140
4	Lattice Boltzmann scheme with real numbered solid density for the simulation of flow in porous media. <i>Physical Review E</i> , 1998, 57, 4834-4837.	2.1	120
5	Tsunami threat in the Indian Ocean from a future megathrust earthquake west of Sumatra. <i>Earth and Planetary Science Letters</i> , 2008, 265, 61-81.	4.4	109
6	Sensitivity of static stress calculations to the earthquake slip distribution. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	72
7	Stress evolution before and after the 2008 Wenchuan, China earthquake. <i>Earth and Planetary Science Letters</i> , 2011, 307, 222-232.	4.4	66
8	The September 2009 Padang earthquake. <i>Nature Geoscience</i> , 2010, 3, 70-71.	12.9	62
9	Onto what planes should Coulomb stress perturbations be resolved?. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	59
10	Structural constraints on the spatial distribution of aftershocks. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	57
11	Observation of diffusion processes in earthquake populations and implications for the predictability of seismicity systems. <i>Journal of Geophysical Research</i> , 2000, 105, 28081-28094.	3.3	52
12	Slip distribution and stress changes associated with the 1999 November 12, DÄ¼zce (Turkey) earthquake. <i>Geophysical Journal International</i> , 2003, 153, 229-241.	2.4	47
13	Permeability porosity relationships from numerical simulations of fluid flow. <i>Geophysical Research Letters</i> , 1998, 25, 1471-1474.	4.0	43
14	Preliminary results from a field investigation of aeolian sand transport using high resolution wind and transport measurements. <i>Geophysical Research Letters</i> , 1997, 24, 163-166.	4.0	37
15	Effect of the Sumatran mega-earthquake on the global magnitude cut-off and event rate. <i>Nature Geoscience</i> , 2008, 1, 142-142.	12.9	34
16	Spatio-temporal analysis of stress diffusion in a mining-induced seismicity system. <i>Geophysical Research Letters</i> , 1999, 26, 3697-3700.	4.0	31
17	Heterogeneity in a self-organized critical earthquake model. <i>Geophysical Research Letters</i> , 1996, 23, 383-386.	4.0	30
18	Heterogeneity and the earthquake magnitude-frequency distribution. <i>Geophysical Research Letters</i> , 1999, 26, 899-902.	4.0	28

#	ARTICLE	IF	CITATIONS
19	Stress transfer relations among the earthquakes that occurred in Kerman province, southern Iran since 1981. <i>Geophysical Journal International</i> , 2006, 167, 309-318.	2.4	25
20	Time and magnitude predictions in shocks due to chaotic fault interactions. <i>Geophysical Research Letters</i> , 1992, 19, 119-122.	4.0	24
21	Near-field propagation of tsunamis from megathrust earthquakes. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	21
22	A hierarchical model for earthquake generation on coupled segments of a transform fault. <i>Geophysical Journal International</i> , 1993, 115, 538-551.	2.4	16
23	Evidence for chaotic behaviour in seismic wave scattering. <i>Geophysical Research Letters</i> , 1991, 18, 1901-1904.	4.0	15
24	Lessons on the calculation of static stress loading from the 2003 Bingol, Turkey earthquake. <i>Earth and Planetary Science Letters</i> , 2005, 235, 632-640.	4.4	11
25	Near-real-time aftershock hazard maps. <i>Nature Geoscience</i> , 2009, 2, 154-155.	12.9	10
26	The Bengkulu premonition: cultural pluralism and hybridity in disaster risk reduction. <i>Area</i> , 2011, 43, 449-455.	1.6	9
27	Self-Organised Criticality at the onset of Aeolian Sediment Transport. <i>Journal of Coastal Research</i> , 2002, 36, 498-505.	0.3	8
28	An earthquake model with magnitude-insensitive dynamics. <i>Geophysical Research Letters</i> , 1993, 20, 1403-1406.	4.0	6
29	Reconstruction of the slip distributions in historical earthquakes on the Sunda megathrust, W. Sumatra. <i>Geophysical Journal International</i> , 2015, 202, 1339-1361.	2.4	4
30	Focus on known active faults. <i>Nature Geoscience</i> , 2011, 4, 494-494.	12.9	3
31	Social dimensions of science-humanitarian collaboration: lessons from Padang, Sumatra, Indonesia. <i>Disasters</i> , 2014, 38, 636-653.	2.2	3
32	Fluid velocity fields in 2D heterogeneous porous media: empirical measurement and validation of numerical prediction. <i>Geological Society Special Publication</i> , 2005, 249, 115-130.	1.3	2
33	A machine vision system for quantifying velocity fields in complex rock models. <i>Machine Vision and Applications</i> , 2006, 16, 343-355.	2.7	2
34	The June 12, 2017 M6.3 Karaburun-Lesvos earthquake of the Northern Aegean Sea: Aftershock forecasting and stress transfer. <i>Tectonophysics</i> , 2021, 814, 228945.	2.2	2
35	The physics of an earthquake. <i>Physics Education</i> , 2008, 43, 136-143.	0.5	0