

Yong'en Cai

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

123
citations

1684188

5
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional crustal structure in central Taiwan from gravity inversion with a parallel genetic algorithm. <i>Geophysics</i> , 2004, 69, 917-924.	2.6	56
2	The Contemporary Tectonic Strain Rate Field of Continental China Predicted from GPS Measurements and its Geodynamic Implications. <i>Pure and Applied Geophysics</i> , 2006, 163, 1477-1493.	1.9	15
3	Effects of large historical earthquakes, viscous relaxation, and tectonic loading on the 2008 Wenchuan earthquake. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	10
4	Aftershocks due to property variations in the fault zone: A mechanical model. <i>Tectonophysics</i> , 2013, 588, 179-188.	2.2	10
5	Dynamic mechanisms of the post-seismic deformation following large events: Case study of the 1999 Chi-Chi earthquake in Taiwan of China. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1813-1824.	0.9	6
6	The effect of beach slope on the tsunami run-up induced by thrust fault earthquakes. <i>Procedia Computer Science</i> , 2010, 1, 645-654.	2.0	5
7	Inverse Method for Static Stress Drop and Application to the 2011Mw9.0 Tohoku-Oki Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2871-2884.	3.4	5
8	Influence of an inhomogeneous stress field and fault-zone thickness on the displacements and stresses induced by normal faulting. <i>Journal of Structural Geology</i> , 2009, 31, 491-497.	2.3	4
9	A new finite element model in studying earthquake triggering and continuous evolution of stress field. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 994-1004.	0.9	3
10	Growth of lithosphere-scale fault system in NE Tibet: Numerical modeling constrained by high-resolution seismic reflection data. <i>Quaternary International</i> , 2017, 462, 22-33.	1.5	3
11	Fault stress inversion reveals seismogenic asperity of the 2011 Mw 9.0 Tohoku-Oki earthquake. <i>Scientific Reports</i> , 2019, 9, 11987.	3.3	3
12	Effect of Poisson's ratio on stress state in the Wenchuan MS8.0 earthquake fault. <i>Earthquake Science</i> , 2009, 22, 603-607.	0.9	1
13	Effects of tectonic stress field and Poisson's ratio on stress state within the San Andreas Fault zone. <i>Science Bulletin</i> , 2014, 59, 2994-2998.	1.7	1
14	Direct estimation of rupture depths of earthquake faults from coseismic surface deformation. <i>Science China Earth Sciences</i> , 2014, 57, 1986-1994.	5.2	1
15	Factors that affect coseismic folds in an overburden layer. <i>Frontiers of Earth Science</i> , 2018, 12, 17-23.	2.1	0