

# Yuehua Zeng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11923830/publications.pdf>

Version: 2024-02-01

17  
papers

2,280  
citations

516710

16  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1739  
citing authors

#	ARTICLE	IF	CITATIONS
1	Slip maxima at fault junctions and rupturing of barriers during the 2008 Wenchuan earthquake. <i>Nature Geoscience</i> , 2009, 2, 718-724.	12.9	495
2	Scattering wave energy propagation in a random isotropic scattering medium: 1. Theory. <i>Journal of Geophysical Research</i> , 1991, 96, 607-619.	3.3	251
3	A composite source model for computing realistic synthetic strong ground motions. <i>Geophysical Research Letters</i> , 1994, 21, 725-728.	4.0	247
4	A comparative study of scattering, intrinsic, and coda $Q^{*1}$ for Hawaii, Long Valley, and central California between 1.5 and 15.0 Hz. <i>Journal of Geophysical Research</i> , 1992, 97, 6643-6659.	3.3	222
5	Nonlinear ground-motion amplification by sediments during the 1994 Northridge earthquake. <i>Nature</i> , 1997, 390, 599-602.	27.8	217
6	Long-Term Time-Dependent Probabilities for the Third Uniform California Earthquake Rupture Forecast (UCERF3). <i>Bulletin of the Seismological Society of America</i> , 2015, 105, 511-543.	2.3	184
7	Compact solutions for multiple scattered wave energy in time domain. <i>Bulletin of the Seismological Society of America</i> , 1991, 81, 1022-1029.	2.3	106
8	Theory of scattered $P$ - and $S$ -wave energy in a random isotropic scattering medium. <i>Bulletin of the Seismological Society of America</i> , 1993, 83, 1264-1276.	2.3	88
9	Rocking and overturning of precariously balanced rocks by earthquakes. <i>Bulletin of the Seismological Society of America</i> , 1996, 86, 1364-1371.	2.3	85
10	Mapping of the high-frequency source radiation for the Loma Prieta Earthquake, California. <i>Journal of Geophysical Research</i> , 1993, 98, 11981-11993.	3.3	81
11	A composite source model of the 1994 Northridge earthquake using genetic algorithms. <i>Bulletin of the Seismological Society of America</i> , 1996, 86, S71-S83.	2.3	79
12	A Synoptic View of the Third Uniform California Earthquake Rupture Forecast (UCERF3). <i>Seismological Research Letters</i> , 2017, 88, 1259-1267.	1.9	78
13	Nonlinear sediment response during the 1994 Northridge earthquake: Observations and finite source simulations. <i>Journal of Geophysical Research</i> , 1998, 103, 26869-26883.	3.3	48
14	Rupture History of the 2008 $M_w 7.9$ Wenchuan, China, Earthquake: Evaluation of Separate and Joint Inversions of Geodetic, Teleseismic, and Strong-Motion Data. <i>Bulletin of the Seismological Society of America</i> , 2013, 103, 353-370.	2.3	48
15	Subevent rake and random scattering effects in realistic strong ground motion simulation. <i>Geophysical Research Letters</i> , 1995, 22, 17-20.	4.0	29
16	A simple strategy to examine the sources of errors in attenuation relations. <i>Bulletin of the Seismological Society of America</i> , 1998, 88, 291-296.	2.3	17
17	Precarious Rock Evidence for Seismic Shaking during and Prior to the 1992 ML 5.6 Little Skull Mountain, Nevada, Earthquake. <i>Earthquake Spectra</i> , 2005, 21, 967-985.	3.1	5