Yousef Bozorgnia

List of Publications by Year in descending order

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29 papers	2,506 citations	567281 15 h-index	526287 27 g-index
30 all docs	30 docs citations	30 times ranked	1330 citing authors

#	Article	IF	Citations
1	NGA-West2 Ground Motion Model for the Average Horizontal Components of PGA, PGV, and 5% Damped Linear Acceleration Response Spectra. Earthquake Spectra, 2014, 30, 1087-1115.	3.1	868
2	NGA-West2 Research Project. Earthquake Spectra, 2014, 30, 973-987.	3.1	415
3	An Overview of the NGA Project. Earthquake Spectra, 2008, 24, 3-21.	3.1	331
4	Comparisons of the NGA Ground-Motion Relations. Earthquake Spectra, 2008, 24, 45-66.	3.1	267
5	A Ground Motion Prediction Equation for the Horizontal Component of Cumulative Absolute Velocity (CAV) Based on the PEER-NGA Strong Motion Database. Earthquake Spectra, 2010, 26, 635-650.	3.1	106
6	Ground Motion Model for the Vertical-to-Horizontal (V/H) Ratios of PGA, PGV, and Response Spectra. Earthquake Spectra, 2016, 32, 951-978.	3.1	77
7	Vertical Ground Motion Model for PGA, PGV, and Linear Response Spectra Using the NGA-West2 Database. Earthquake Spectra, 2016, 32, 979-1004.	3.1	68
8	Ground Motion Models for the Horizontal Components of Arias Intensity (AI) and Cumulative Absolute Velocity (CAV) Using the NGA-West2 Database. Earthquake Spectra, 2019, 35, 1289-1310.	3.1	46
9	Ground Motion Prediction Equation (â€œAttenuation Relationshipâ€) for Inelastic Response Spectra. Earthquake Spectra, 2010, 26, 1-23.	3.1	42
10	Damping Scaling Factors for Elastic Response Spectra for Shallow Crustal Earthquakes in Active Tectonic Regions: â€œAverageâ€•Horizontal Component. Earthquake Spectra, 2014, 30, 939-963.	3.1	39
11	NGA-East Ground-Motion Characterization model part I: Summary of products and model development. Earthquake Spectra, 2021, 37, 1231-1282.	3.1	38
12	NGA-Subduction research program. Earthquake Spectra, 2022, 38, 783-798.	3.1	26
13	Conditioned Simulation of Ground-Motion Time Series at Uninstrumented Sites Using Gaussian Process Regression. Bulletin of the Seismological Society of America, 2022, 112, 331-347.	2.3	22
14	Deterministic and Probabilistic Predictions of Yield Strength and Inelastic Displacement Spectra. Earthquake Spectra, 2010, 26, 25-40.	3.1	19
15	Analytical Collapse Study of Lightly Confined Reinforced Concrete Frames Subjected to Northridge Earthquake Ground Motions. Journal of Earthquake Engineering, 2008, 12, 1105-1119.	2.5	17
16	Damping Scaling Factors for Vertical Elastic Response Spectra for Shallow Crustal Earthquakes in Active Tectonic Regions. Earthquake Spectra, 2014, 30, 1335-1358.	3.1	14
17	Engineering Characteristics of Ground Motions Recorded in the 2019 Ridgecrest Earthquake Sequence. Bulletin of the Seismological Society of America, 2020, 110, 1474-1494.	2.3	14
18	A ground motion prediction equation for JMA instrumental seismic intensity for shallow crustal earthquakes in active tectonic regimes. Earthquake Engineering and Structural Dynamics, 2011, 40, 413-427.	4.4	13

#	Article	IF	Citations
19	A Bayesian model for truncated regression for the estimation of empirical ground-motion models. Bulletin of Earthquake Engineering, 2020, 18, 6149-6179.	4.1	9
20	Selection of random vibration theory procedures for the NGA-East project and ground-motion modeling. Earthquake Spectra, 2021, 37, 1420-1439.	3.1	9
21	Apparent Wave Velocity and Site Amplification at the California Strong Motion Instrumentation Program Carquinez Bridge Geotechnical Arrays during the 2014 M6.0 South Napa Earthquake. Earthquake Spectra, 2018, 34, 327-347.	3.1	7
22	NGA-East ground-motion characterization model Part II: Implementation and hazard implications. Earthquake Spectra, 2021, 37, 1283-1330.	3.1	6
23	Spectral damping scaling factors for horizontal components of ground motions from subduction earthquakes using NGA-Subduction data. Earthquake Spectra, 2021, 37, 2453-2492.	3.1	6
24	An evaluation of partially nonergodic PGA ground-motion models for Japanese megathrust earthquakes. Earthquake Spectra, 2022, 38, 2611-2637.	3.1	4
25	Ground motion issues for seismic analysis of tall buildings: a status report. Structural Design of Tall and Special Buildings, 2007, 16, 665-674.	1.9	2
26	Multivariate Conversion of Moment Magnitude for Small-to-Moderate-Magnitude Earthquakes in Iran. Earthquake Spectra, 2018, 34, 313-326.	3.1	1
27	Homogeneous Estimation of Moment Magnitude for Smallâ€toâ€Moderate Magnitude Earthquakes Located near the Border between Japan and Taiwan. Seismological Research Letters, 2018, 89, 1093-1100.	1.9	1
28	Discussion of â€œAttenuation Relationship for Iran,â€•by Amiri, Mahdavian, and Dana. Journal of Earthquake Engineering, 2007, 11, 1031-1035.	2.5	0
29	Regional-Scale Geohazards Evaluation for Risk Assessment of Natural Gas Storage and Transmission Infrastructure. , 2021, , .		0