

S Farid Ghahari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4237919/publications.pdf>

Version: 2024-02-01

29
papers

500
citations

840776

11
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	Conditioned Simulation of Ground-Motion Time Series at Uninstrumented Sites Using Gaussian Process Regression. <i>Bulletin of the Seismological Society of America</i> , 2022, 112, 331-347.	2.3	22
2	Earthquake Early Warning for Estimating Floor Shaking Levels of Tall Buildings. <i>Bulletin of the Seismological Society of America</i> , 2022, 112, 820-849.	2.3	3
3	Bridge Digital Twinning Using an Output-Only Bayesian Model Updating Method and Recorded Seismic Measurements. <i>Sensors</i> , 2022, 22, 1278.	3.8	12
4	Influence of Sensor Density on Seismic Damage Assessment: A Case Study for Istanbul. <i>Bulletin of the Seismological Society of America</i> , 2022, 112, 2156-2169.	2.3	6
5	Influence of accelerometer type on uncertainties in recorded ground motions and seismic damage assessment. <i>Bulletin of Earthquake Engineering</i> , 2022, 20, 4419-4439.	4.1	7
6	On the implementation and validation of a three-dimensional pressure-dependent bounding surface plasticity model for soil nonlinear wave propagation and soil-structure interaction analyses. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2021, 45, 1091-1119.	3.3	8
7	Bridge mode shape identification using moving vehicles at traffic speeds through nonparametric sparse matrix completion. <i>Structural Control and Health Monitoring</i> , 2021, 28, e2747.	4.0	31
8	A validated lateral response model for mass timber frames with knee-braces. <i>Engineering Structures</i> , 2021, 239, 112278.	5.3	8
9	Bayesian Joint State-Parameter-Input Estimation of Flexible-Base Buildings from Sparse Measurements Using Timoshenko Beam Models. <i>Journal of Structural Engineering</i> , 2021, 147, .	3.4	6
10	Response study of the tallest California building inferred from the Mw7.1 Ridgecrest, California earthquake of 5 July 2019 and ambient motions. <i>Earthquake Spectra</i> , 2020, 36, 1096-1118.	3.1	14
11	Output-only model updating of adjacent buildings from sparse seismic response records and identification of their common excitation. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2597.	4.0	9
12	Responses of the odd couple Carquinez, CA, suspension bridge during the Mw6.0 south Napa earthquake of August 24, 2014. <i>Journal of Civil Structural Health Monitoring</i> , 2019, 9, 719-739.	3.9	3
13	Identification of Soil-Structure Systems. <i>Springer Tracts in Civil Engineering</i> , 2019, , 139-167.	0.5	3
14	Bayesian identification of soil-foundation stiffness of building structures. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2090.	4.0	18
15	A Nonlinear Model Inversion to Estimate Dynamic Soil Stiffness of Building Structures. , 2018, , .		4
16	Dynamic Characteristics of a 55-Story Building Before and After Retrofit. <i>Lecture Notes in Civil Engineering</i> , 2018, , 656-666.	0.4	2
17	Before and after Retrofit Behavior and Performance of a 55-Story Tall Building Inferred from Distant Earthquake and Ambient Vibration Data. <i>Earthquake Spectra</i> , 2017, 33, 1599-1626.	3.1	10
18	Efficient model updating of a multi-story frame and its foundation stiffness from earthquake records using a timoshenko beam model. <i>Soil Dynamics and Earthquake Engineering</i> , 2017, 92, 25-35.	3.8	35

#	ARTICLE	IF	CITATIONS
19	An Investigation of Soil-Structure Interaction Effects Observed at the MIT Green Building. Earthquake Spectra, 2016, 32, 2425-2448.	3.1	23
20	Responses of a Tall Building with U.S. Code-Type Instrumentation in Tokyo, Japan, to Events before, during, and after the Tohoku Earthquake of 11 March 2011. Earthquake Spectra, 2016, 32, 497-522.	3.1	18
21	Responses of Two Tall Buildings in Tokyo, Japan, before, during, and after the M9.0 Tohoku Earthquake of 11 March 2011. Earthquake Spectra, 2016, 32, 463-495.	3.1	28
22	Unusual Downhole and Surface Free-Field Records Near the Carquinez Strait Bridges during the 24 August 2014 M _w 6.0 South Napa, California, Earthquake. Seismological Research Letters, 2015, 86, 1128-1134.	1.9	5
23	Considering rupture directivity effects, which structures should be named "long-period buildings"? Structural Design of Tall and Special Buildings, 2013, 22, 165-178.	1.9	9
24	Blind identification of soil-structure systems. Soil Dynamics and Earthquake Engineering, 2013, 45, 56-69.	3.8	33
25	Response-only modal identification of structures using strong motion data. Earthquake Engineering and Structural Dynamics, 2013, 42, 1221-1242.	4.4	66
26	Blind Modal Identification of Non-Classically Damped Systems from Free or Ambient Vibration Records. Earthquake Spectra, 2013, 29, 1137-1157.	3.1	23
27	Considering Wave Passage Effects in Blind Identification of Long-Span Bridges. Conference Proceedings of the Society for Experimental Mechanics, 2013, , 53-66.	0.5	3
28	Study on elastic response of structures to near-fault ground motions through record decomposition. Soil Dynamics and Earthquake Engineering, 2010, 30, 536-546.	3.8	86
29	Effects of Soil-Structure Interaction on Response of Structures Subjected to Near-Fault Earthquake Records. AIP Conference Proceedings, 2008, , .	0.4	5