

Evangelos I Katsanos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8413850/publications.pdf>

Version: 2024-02-01

18
papers

692
citations

933264

10
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Damage Detection of Offshore Structures Using Kalman Filtering. Lecture Notes in Civil Engineering, 2023, , 1044-1054.	0.3	1
2	Prediction of Cumulative Absolute Velocity Based on Refined Second-order Deep Neural Network. Journal of Earthquake Engineering, 2022, 26, 8021-8040.	1.4	6
3	Data-driven virtual sensing and dynamic strain estimation for fatigue analysis of offshore wind turbine using principal component analysis. Wind Energy, 2022, 25, 505-516.	1.9	7
4	Best linear approximation of nonlinear and nonstationary systems using Operational Modal Analysis. Mechanical Systems and Signal Processing, 2021, 152, 107395.	4.4	4
5	Prediction of Ground-Motion Parameters for the NGA-West2 Database Using Refined Second-Order Deep Neural Networks. Bulletin of the Seismological Society of America, 2021, 111, 3278-3296.	1.1	15
6	Conditional linear approximation of nonlinear systems using Operational Modal Analysis. Structural Control and Health Monitoring, 2021, 28, e2844.	1.9	0
7	Output-Only Estimation of Amplitude Dependent Friction-Induced Damping. Conference Proceedings of the Society for Experimental Mechanics, 2020, , 17-25.	0.3	1
8	Structure-specific selection of earthquake ground motions for the reliable design and assessment of structures. Bulletin of Earthquake Engineering, 2018, 16, 583-611.	2.3	19
9	Residual displacement ratios of SDOF systems subjected to ground motions recorded on soft soils. Soil Dynamics and Earthquake Engineering, 2018, 115, 331-335.	1.9	22
10	Yield frequency spectra and seismic design of code-compatible RC structures: an illustrative example. Earthquake Engineering and Structural Dynamics, 2017, 46, 1727-1745.	2.5	10
11	Multi-hazard response analysis of a 5MW offshore wind turbine. Procedia Engineering, 2017, 199, 3206-3211.	1.2	22
12	Wind turbines and seismic hazard: a state-of-the-art review. Wind Energy, 2016, 19, 2113-2133.	1.9	89
13	Inelastic spectra to predict period elongation of structures under earthquake loading. Earthquake Engineering and Structural Dynamics, 2015, 44, 1765-1782.	2.5	27
14	A matlab-based educational tool for the seismic design of flexibly supported RC buildings. Computer Applications in Engineering Education, 2014, 22, 442-451.	2.2	13
15	ISSARS: An integrated software environment for structure-specific earthquake ground motion selection. Advances in Engineering Software, 2013, 58, 70-85.	1.8	55
16	EC8-based earthquake record selection procedure evaluation: Validation study based on observed damage of an irregular R/C building. Soil Dynamics and Earthquake Engineering, 2011, 31, 583-597.	1.9	41
17	Selection of earthquake ground motion records: A state-of-the-art review from a structural engineering perspective. Soil Dynamics and Earthquake Engineering, 2010, 30, 157-169.	1.9	359
18	Comparing Measured Responses of an Offshore Structure with Operational Modal Analysis assisted Classical Model Approach. Journal of Offshore Mechanics and Arctic Engineering, 0, , 1-10.	0.6	0