

Jawad Fayaz

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

176
citations

1162889

8
h-index

1199470

12
g-index

15
all docs

15
docs citations

15
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	A deep neural network framework for real-time on-site estimation of acceleration response spectra of seismic ground motions. Computer-Aided Civil and Infrastructure Engineering, 2023, 38, 87-103.	6.3	24
2	Structural behavior of concrete beams and columns reinforced with Waste Plastic incorporated GFRP (WPGFRP) rebars. Journal of Building Engineering, 2019, 23, 172-184.	1.6	23
3	Sensitivity of the response of Box-Girder Seat-type bridges to the duration of ground motions arising from crustal and subduction earthquakes. Engineering Structures, 2020, 219, 110845.	2.6	18
4	Performance of Ternary Binder Blend Containing Cement, Waste Gypsum Wall Boards and Blast Furnace Slag in CLSM. Procedia Engineering, 2016, 145, 104-111.	1.2	16
5	Reliability Analysis of Steel SMRF and SCBF Structures Considering the Vertical Component of Near-Fault Ground Motions. Journal of Structural Engineering, 2019, 145, .	1.7	16
6	Generalized ground motion prediction model using hybrid recurrent neural network. Earthquake Engineering and Structural Dynamics, 2021, 50, 1539-1561.	2.5	13
7	Utilization of Site-Based Simulated Ground Motions for Hazard-Targeted Seismic Demand Estimation: Application for Ordinary Bridges in Southern California. Journal of Bridge Engineering, 2020, 25, .	1.4	11
8	Evaluation of simulated ground motions using probabilistic seismic demand analysis: CyberShake (ver.) Tj ETQq0 0 0 rgBT /Overlock 10 T 106533.	1.9	10
9	Methodology for Validation of Simulated Ground Motions for Seismic Response Assessment: Application to CyberShake Source-Based Ground Motions. Bulletin of the Seismological Society of America, 2021, 111, 226-241.	1.1	10
10	An efficient algorithm to simulate hazard-targeted site-based synthetic ground motions. Earthquake Spectra, 2021, 37, 876-902.	1.6	9
11	An efficient algorithm to simulate site-based ground motions that match a target spectrum. Earthquake Engineering and Structural Dynamics, 2021, 50, 3532-3549.	2.5	9
12	Strength resistance factors for seismic design of exposed based plate connections in special steel moment resisting frames. Earthquake Spectra, 2020, 36, 537-553.	1.6	7
13	A Bayesian network-based probabilistic framework for updating aftershock risk of bridges. Earthquake Engineering and Structural Dynamics, 2022, 51, 2496-2519.	2.5	4
14	PERFORMANCE ASSESSMENT OF BRIDGES UNDER A SEQUENCE OF SEISMIC EXCITATIONS. , 2019, , .		3
15	A generalized ground-motion model for consistent mainshock-aftershock intensity measures using successive recurrent neural networks. Bulletin of Earthquake Engineering, 0, , .	2.3	3