Jawad Fayaz

List of Publications by Citations

11 papers	58 citations	4 h-index	7 g-index
15 ext. papers	105 ext. citations	3.9 avg, IF	2.69 L-index

#	Paper	IF	Citations
11	Structural behavior of concrete beams and columns reinforced with Waste Plastic incorporated GFRP (WPGFRP) rebars. *Journal of Building Engineering*, **2019**, 23, 172-184	5.2	17
10	Performance of Ternary Binder Blend Containing Cement, Waste Gypsum Wall Boards and Blast Furnace Slag in CLSM. *Procedia Engineering*, **2016**, 145, 104-111		12
9	Reliability Analysis of Steel SMRF and SCBF Structures Considering the Vertical Component of Near-Fault Ground Motions. *Journal of Structural Engineering*, **2019**, 145, 04019061	3	9
8	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	4.7	6
7	Strength resistance factors for seismic design of exposed based plate connections in special steel moment resisting frames. *Earthquake Spectra*, **2020**, 36, 537-553	3.4	4
6	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, 04020097	2.7	4
5	Evaluation of simulated ground motions using probabilistic seismic demand analysis: CyberShake (ver. 15.12) simulations for Ordinary Standard Bridges. *Soil Dynamics and Earthquake Engineering*, **2021**, 141, 106533	3.5	3
4	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	2.3	1
3	An efficient algorithm to simulate hazard-targeted site-based synthetic ground motions. *Earthquake Spectra*, **2021**, 37, 876-902	3.4	1
2	Generalized ground motion prediction model using hybrid recurrent neural network. *Earthquake Engineering and Structural Dynamics*, **2021**, 50, 1539-1561	4	0
1	An efficient algorithm to simulate site-based ground motions that match a target spectrum. *Earthquake Engineering and Structural Dynamics*, **2021**, 50, 3532-3549	4	0