Payam Tehrani

List of Publications by Year
in descending order

17 papers	130 citations	1651377 6 h-index	1526636 10 g-index
17 all docs	17 docs citations	17 times ranked	54 citing authors

#	Article	IF	Citations
1	New Formulations for Prediction of Buckling Loads in Steel Plate Girders Through Linear and Nonlinear Stability Analysis. International Journal of Structural Stability and Dynamics, 2023, 23, .	1.5	2
2	Investigating the Use of Natural and Artificial Records for Prediction of Seismic Response of Regular and Irregular RC Bridges Considering Displacement Directions. Applied Sciences (Switzerland), 2021, 11, 906.	1.3	2
3	Prediction of Mean Responses of RC Bridges Considering the Incident Angle of Ground Motions and Displacement Directions. Applied Sciences (Switzerland), 2021, 11, 2462.	1.3	6
4	Investigating different methods for application of earthquake records in seismic evaluation of irregular RC bridges considering incident angles. Structures, 2021, 32, 1717-1733.	1.7	4
5	Investigating seismic behavior of horizontally curved RC bridges with different types of irregularity in comparison with equivalent straight bridges. Structures, 2021, 33, 2570-2586.	1.7	7
6	Post-earthquake progressive failure resistance of steel frames under column-removal scenarios. Structures, 2021, 33, 1544-1560.	1.7	5
7	Effects of using different arrangements and types of viscous dampers on seismic performance of intermediate steel moment frames in comparison with different passive dampers. Structures, 2021, 33, 3382-3396.	1.7	20
8	Investigating the effects of combinations of irregularities on seismic ductility demands and mean response for four-span RC bridges considering displacement direction. Bridge Structures, 2021, 16, 105-117.	0.2	1
9	Effects of column and superstructure irregularity on the seismic response of four-span RC bridges. Structures, 2020, 28, 1400-1412.	1.7	12
10	A study on the accuracy of force analogy method in nonlinear static analysis. Structural Design of Tall and Special Buildings, 2019, 28, e1654.	0.9	3
11	Seismic Risk Assessment of Four-Span Bridges in Montreal Designed Using the Canadian Bridge Design Code. Journal of Bridge Engineering, 2014, 19, .	1.4	16
12	Effects of Different Record Selection Methods on the Transverse Seismic Response of a Bridge in South Western British Columbia. Journal of Earthquake Engineering, 2014, 18, 611-636.	1.4	6
13	Effects of column stiffness irregularity on the seismic response of bridges in the longitudinal direction. Canadian Journal of Civil Engineering, 2013, 40, 815-825.	0.7	16
14	Seismic Response of Bridges Subjected to Different Earthquake Types Using IDA. Journal of Earthquake Engineering, 2013, 17, 423-448.	1.4	11
15	Effects of column and superstructure stiffness on the seismic response of bridges in the transverse direction. Canadian Journal of Civil Engineering, 2013, 40, 827-839.	0.7	14
16	Seismic fragility analysis of concrete bridges subjected to far- and near-field records. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 0, , 1-15.	0.4	3
17	A Fibre-Based Modelling Technique for the Seismic Analysis of Steel-Concrete Composite Shear Walls. Canadian Journal of Civil Engineering, 0, , .	0.7	2