Seyed Bahram Beheshti Aval

List of Publications by Year
in descending order

23	325	10	18
papers	citations	h-index	g-index

23	23	23	212
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Joint Damage Identification in Frame Structures by Integrating a New Damage Index with Equilibrium Optimizer Algorithm. International Journal of Structural Stability and Dynamics, 2022, 22, .	1.5	11
2	Visible Particle Series Search Algorithm and Its Application in Structural Damage Identification. Sensors, 2022, 22, 1275.	2.1	15
3	Simultaneous effect of temperature, shrinkage, and self-weight creep on RC beams: A case study. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2022, 236, 1020-1036.	0.7	5
4	Epistemic Uncertainty Treatment Using Group Method of Data Handling Algorithm in Seismic Collapse Fragility. Latin American Journal of Solids and Structures, 2021, 18, .	0.6	3
5	A Novel Optimization Algorithm Based on Modal Force Information for Structural Damage Identification. International Journal of Structural Stability and Dynamics, 2021, 21, 2150100.	1.5	10
6	A damage detection procedure using two major signal processing techniques with the artificial neural network on a scaled jacket offshore platform. Advances in Structural Engineering, 2021, 24, 1655-1667.	1.2	6
7	A Novel MRE Adaptive Seismic Isolator Using Curvelet Transform Identification. Applied Sciences (Switzerland), 2021, 11, 11409.	1.3	11
8	Damage detection of structures using signal processing and artificial neural networks. Advances in Structural Engineering, 2020, 23, 884-897.	1.2	18
9	Combined joint and member damage identification of skeletal structures by an improved biology migration algorithm. Journal of Civil Structural Health Monitoring, 2020, 10, 357-375.	2.0	8
10	Time-Dependent Reliability Analysis of RC Deep Beams considering Linear/Nonlinear Creep and Shrinkage Using ANFIS Network and MCS. Advances in Civil Engineering, 2019, 2019, 1-15.	0.4	0
11	Seismic reliability assessment of a steel moment-resisting frame with two different ductility levels using a cloud analysis approach. Earthquake Engineering and Engineering Vibration, 2019, 18, 171-185.	1.1	7
12	Seismic performance-based assessment of tunnel form building subjected to near- and far-fault ground motions. Asian Journal of Civil Engineering, 2018, 19, 79-92.	0.8	19
13	Seismic Performance Evaluation of Asymmetric Reinforced Concrete Tunnel Form Buildings. Structures, 2017, 10, 157-169.	1.7	8
14	Effectiveness of two conventional methods for seismic retrofit of steel and RC moment resisting frames based on damage control criteria. Earthquake Engineering and Engineering Vibration, 2017, 16, 537-555.	1.1	10
15	New energy based approach to predict seismic demands of steel moment resisting frames subjected to near-fault ground motions. Engineering Structures, 2014, 72, 182-192.	2.6	19
16	Coupled refined layerwise theory for dynamic free and forced response of piezoelectric laminated composite and sandwich beams. Meccanica, 2013, 48, 1479-1500.	1.2	32
17	A hybrid friction-yielding damper to equip concentrically braced steel frames. International Journal of Steel Structures, 2013, 13, 577-587.	0.6	17
18	A coupled refined high-order global-local theory and finite element model for static electromechanical response of smart multilayered/sandwich beams. Archive of Applied Mechanics, 2012, 82, 1709-1752.	1.2	35

#	Article	IF	Citations
19	A refined high-order global-local theory for finite element bending and vibration analyses of laminated composite beams. Acta Mechanica, 2011, 217, 219-242.	1.1	59
20	A refined mixed global–local finite element model for bending analysis of multi-layered rectangular composite beams with small widths. Thin-Walled Structures, 2011, 49, 351-362.	2.7	29
21	Numerical Study of Cyclic Performance and Design of a Novel Fan Bracing System. Journal of Earthquake Engineering, 0, , 1-30.	1.4	0
22	Damage Detection of Offshore Platforms Using Dispersion Analysis in HHT Frequency Spectrum. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 0, , 1-32.	0.4	2
23	Proposing a Novel Oriented Genetic Algorithm for Optimum Seismic Design of Steel Moment Resisting Frames. Arabian Journal for Science and Engineering, 0, , .	1.7	1