

Mohammad Reza Ghasemi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5752796/mohammad-reza-ghasemi-publications-by-year.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34 papers	334 citations	11 h-index	17 g-index
37 ext. papers	438 ext. citations	2.9 avg, IF	4.4 L-index

#	Paper	IF	Citations
34	ANFIS-based Optimum Design of Real Power Transmission Towers with Size, Shape and Panel Variables using BBO Algorithm. <i>IEEE Transactions on Power Delivery</i> , 2021 , 1-1	4.3	0
33	The life-cycle cost analysis based on probabilistic optimization using a novel algorithm. <i>Journal of Building Engineering</i> , 2021 , 43, 103032	5.2	3
32	Total and Partial Updating Technique: A Swift Approach for Cross-Section and Geometry Optimization of Truss Structures. <i>KSCE Journal of Civil Engineering</i> , 2020 , 24, 1219-1227	1.9	3
31	A swift technique for damage detection of determinate truss structures. <i>Engineering With Computers</i> , 2020 , 37, 2183	4.5	3
30	Formulation and evaluation of a new four-node quadrilateral element for analysis of the shell structures. <i>Engineering With Computers</i> , 2020 , 36, 1289-1303	4.5	3
29	Performance of a novel bent-up bars system not interacting with concrete. <i>Frontiers of Structural and Civil Engineering</i> , 2019 , 13, 1301-1315	2.5	29
28	Novel decoupled framework for reliability-based design optimization of structures using a robust shifting technique. <i>Frontiers of Structural and Civil Engineering</i> , 2019 , 13, 800-820	2.5	1
27	Design of a Novel Prefabricated Bolted I-Beam to Box-Column Connection Using Numerical Analysis Under Cyclic Load. <i>International Journal of Steel Structures</i> , 2019 , 19, 1431-1445	1.3	1
26	Border-search and jump reduction method for size optimization of spatial truss structures. <i>Frontiers of Structural and Civil Engineering</i> , 2019 , 13, 123-134	2.5	2
25	Wave-induced vibration control of offshore jacket platforms through SMA dampers. <i>Applied Ocean Research</i> , 2019 , 90, 101848	3.4	19
24	Vibration control of offshore jacket platforms through shape memory alloy pounding tuned mass damper (SMA-PTMD). <i>Ocean Engineering</i> , 2019 , 191, 106348	3.9	13
23	Modified particle swarm optimization with novel population initialization. <i>Journal of Information and Optimization Sciences</i> , 2019 , 40, 1167-1179	1.1	6
22	Optimized SMA Dampers in Vibration Control of Jacket-type Offshore Structures (Regular Waves). <i>International Journal of Coastal and Offshore Engineering</i> , 2019 , 2, 25-35	0.1	3
21	New neural network-based response surface method for reliability analysis of structures. <i>Neural Computing and Applications</i> , 2019 , 31, 777-791	4.8	11
20	Damping vibration-based IGMM optimization algorithm: fast and significant. <i>Soft Computing</i> , 2019 , 23, 451-481	3.5	2
19	Comparative studies of metamodeling and AI-Based techniques in damage detection of structures. <i>Advances in Engineering Software</i> , 2018 , 125, 101-112	3.6	36
18	Evaluation of Three Support Shapes on Behavior of New Bolted Connection BBCC in Modularized Prefabricated Steel Structures. <i>International Journal of Steel Structures</i> , 2018 , 18, 1639-1653	1.3	5

17	Enhanced IGMM optimization algorithm based on vibration for numerical and engineering problems. <i>Engineering With Computers</i> , 2018 , 34, 91-116	4.5	11
16	Seismic performance and damage incurred by monolithic concrete self-centering rocking walls under the effect of axial stress ratio. <i>Bulletin of Earthquake Engineering</i> , 2018 , 16, 831-858	3.7	18
15	An adaptive divergence-based method for structural reliability analysis via multiple Kriging models. <i>Applied Mathematical Modelling</i> , 2018 , 62, 542-561	4.5	14
14	Probability-Based Damage Detection of Structures Using Surrogate Model and Enhanced Ideal Gas Molecular Movement Algorithm 2018 , 1657-1674		4
13	Modified Ideal Gas Molecular Movement Algorithm Based on Quantum Behavior 2018 , 1997-2010		2
12	Investigating the effects of maximum aggregate size on self-compacting steel fiber reinforced concrete fracture parameters. <i>Construction and Building Materials</i> , 2018 , 162, 674-682	6.7	36
11	A novel method for quantifying damage to cast-in-place self-centering concrete stepping walls. <i>Structural Concrete</i> , 2018 , 19, 1713-1726	2.6	9
10	Engineering optimization based on ideal gas molecular movement algorithm. <i>Engineering With Computers</i> , 2017 , 33, 71-93	4.5	34
9	A fast multi-objective optimization using an efficient ideal gas molecular movement algorithm. <i>Engineering With Computers</i> , 2017 , 33, 477-496	4.5	17
8	A novel heuristic search algorithm for optimization with application to structural damage identification. <i>Smart Structures and Systems</i> , 2017 , 19, 449-461		11
7	Role of slanted reinforcement on bending capacity SS beams. <i>Vibroengineering PROCEDIA</i> , 2017 , 11, 1950-199	1.9	12
6	A fast decoupled reliability-based design optimization of structures using B-spline interpolation curves. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2016 , 38, 1817-1829	2	7
5	An efficient method for reliable optimum design of trusses. <i>Steel and Composite Structures</i> , 2016 , 21, 1069-1084		4
4	Ranked-Based Sensitivity Analysis for Size Optimization of Structures. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2015 , 137,	3	10
3	An Element-Free Galerkin-Based Multi-objective Optimization of Laminated Composite Plates. <i>Journal of Optimization Theory and Applications</i> , 2013 , 156, 330-344	1.6	2
2	Ant colony optimisation-based multiobjective frame design under seismic conditions. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2011 , 164, 421-432	0.9	3
1	A swift technique for damage detection of determinate truss structures (2). <i>Engineering With Computers</i> ,1	4.5	0