Taha Bakhshpoori

List of Publications by Year
in descending order

23 papers	975 citations	687363 13 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	808 citing authors

#	Article	IF	Citations
1	Water Evaporation Optimization: A novel physically inspired optimization algorithm. Computers and Structures, 2016, 167, 69-85.	4.4	263
2	An efficient hybrid Particle Swarm and Swallow Swarm Optimization algorithm. Computers and Structures, 2014, 143, 40-59.	4.4	98
3	Optimum design of steel frames using Cuckoo Search algorithm with LÃ©vy flights. Structural Design of Tall and Special Buildings, 2013, 22, 1023-1036.	1.9	96
4	Shear strength prediction of steel fiber reinforced concrete beam using hybrid intelligence models: A new approach. Engineering Structures, 2018, 177, 244-255.	5.3	94
5	A new metaheuristic for continuous structural optimization: water evaporation optimization. Structural and Multidisciplinary Optimization, 2016, 54, 23-43.	3.5	70
6	Seismic optimal design of 3D steel frames using cuckoo search algorithm. Structural Design of Tall and Special Buildings, 2015, 24, 210-227.	1.9	46
7	Improving the prediction of ground motion parameters based on an efficient bagging ensemble model of M5â€² and CART algorithms. Applied Soft Computing Journal, 2018, 68, 147-161.	7.2	43
8	Optimal design of planar steel frame structures utilizing meta-heuristic optimization algorithms. Structures, 2020, 25, 335-346.	3.6	43
9	An improved ray optimization algorithm for design of truss structures. Periodica Polytechnica: Civil Engineering, 2013, 57, 97.	0.6	37
10	An accelerated water evaporation optimization formulation for discrete optimization of skeletal structures. Computers and Structures, 2016, 177, 218-228.	4.4	30
11	Derivation of New Equations for Prediction of Principal Ground-Motion Parameters using M5â€² Algorithm. Journal of Earthquake Engineering, 2016, 20, 910-930.	2.5	23
12	M5' and Mars Based Prediction Models for Properties of Self-compacting Concrete Containing Fly Ash. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	18
13	Patient rule-induction method for liquefaction potential assessment based on CPT data. Bulletin of Engineering Geology and the Environment, 2018, 77, 849-865.	3.5	16
14	An efficient multi-objective cuckoo search algorithm for design optimization. Advances in Computational Design, 2016, 1, 87-103.	0.3	15
15	Optimum design of multi-span composite box girder bridges using Cuckoo Search algorithm. Steel and Composite Structures, 2014, 17, 705-719.	1.3	15
16	Optimal Design of Reinforced Concrete Cantilever Retaining Walls Utilizing Eleven Meta-Heuristic Algorithms: A Comparative Study. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	14
17	Optimization of modal load pattern for pushover analysis of building structures. Structural Engineering and Mechanics, 2013, 47, 119-129.	1.0	12
18	Hybrid PSO and SSO algorithm for truss layout and size optimization considering dynamic constraints. Structural Engineering and Mechanics, 2015, 54, 453-474.	1.0	11

#	Article	IF	Citations
19	New Model Derivation for the Bond Behavior of NSM FRP Systems in Concrete. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2017, 41, 249-262.	1.9	9
20	Subspace search mechanism and cuckoo search algorithm for size optimization of space trusses. Steel and Composite Structures, 2015, 18, 289-303.	1.3	4
21	Kriging-Aided Cross-Entropy-Based Adaptive Importance Sampling Using Gaussian Mixture. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2019, 43, 81-88.	1.9	3
22	Development of predictive models for shear strength of HSC slender beams without web reinforcement using machine-learning based techniques. Scientia Iranica, 2017, .	0.4	2
23	Performance-Based Seismic Design Optimization of Steel MRFs Under System and Component Constraints Using the IWSA Algorithm. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 0, , .	1.9	2