

Taha Bakhshpoori

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5246223/publications.pdf>

Version: 2024-02-01

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	Optimal design of planar steel frame structures utilizing meta-heuristic optimization algorithms. Structures, 2020, 25, 335-346.	3.6	43
2	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
3	Improving the prediction of ground motion parameters based on an efficient bagging ensemble model of M5 and CART algorithms. Applied Soft Computing Journal, 2018, 68, 147-161.	7.2	43
4	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
5	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
6	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
7	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
8	An accelerated water evaporation optimization formulation for discrete optimization of skeletal structures. Computers and Structures, 2016, 177, 218-228.	4.4	30
9	Derivation of New Equations for Prediction of Principal Ground-Motion Parameters using M5 Algorithm. Journal of Earthquake Engineering, 2016, 20, 910-930.	2.5	23
10	Water Evaporation Optimization: A novel physically inspired optimization algorithm. Computers and Structures, 2016, 167, 69-85.	4.4	263
11	A new metaheuristic for continuous structural optimization: water evaporation optimization. Structural and Multidisciplinary Optimization, 2016, 54, 23-43.	3.5	70
12	An efficient multi-objective cuckoo search algorithm for design optimization. Advances in Computational Design, 2016, 1, 87-103.	0.3	15
13	Subspace search mechanism and cuckoo search algorithm for size optimization of space trusses. Steel and Composite Structures, 2015, 18, 289-303.	1.3	4
14	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
15	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
16	An efficient hybrid Particle Swarm and Swallow Swarm Optimization algorithm. Computers and Structures, 2014, 143, 40-59.	4.4	98
17	Optimum design of multi-span composite box girder bridges using Cuckoo Search algorithm. Steel and Composite Structures, 2014, 17, 705-719.	1.3	15
18	Optimum design of steel frames using Cuckoo Search algorithm with Lévy flights. Structural Design of Tall and Special Buildings, 2013, 22, 1023-1036.	1.9	96

#	ARTICLE	IF	CITATIONS
19	An improved ray optimization algorithm for design of truss structures. Periodica Polytechnica: Civil Engineering, 2013, 57, 97.	0.6	37
20	Optimization of modal load pattern for pushover analysis of building structures. Structural Engineering and Mechanics, 2013, 47, 119-129.	1.0	12
21	M5 ⁺ and Mars Based Prediction Models for Properties of Self-compacting Concrete Containing Fly Ash. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	18
22	Optimal Design of Reinforced Concrete Cantilever Retaining Walls Utilizing Eleven Meta-Heuristic Algorithms: A Comparative Study. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	14
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