Minh-Tu Cao

List of Publications by Citations

21 papers	410 citations	11 h-index	20 g-index
22 ext. papers	512 ext. citations	5.1 avg, IF	4.33 L-index

#	Paper	IF	Citations
21	Accurately predicting building energy performance using evolutionary multivariate adaptive regression splines. *Applied Soft Computing Journal*, **2014**, 22, 178-188	7.5	121
20	Hybrid multiple objective artificial bee colony with differential evolution for the time□cost□quality tradeoff problem. *Knowledge-Based Systems*, **2015**, 74, 176-186	7.3	50
19	Evolutionary multivariate adaptive regression splines for estimating shear strength in reinforced-concrete deep beams. *Engineering Applications of Artificial Intelligence*, **2014**, 28, 86-96	7.2	42
18	Hybrid Computational Model for Forecasting Taiwan Construction Cost Index. *Journal of Construction Engineering and Management - ASCE*, **2015**, 141, 04014089	4.2	24
17	Survey on performance of deep learning models for detecting road damages using multiple dashcam image resources. *Advanced Engineering Informatics*, **2020**, 46, 101182	7.4	23
16	A hybrid fuzzy inference model based on RBFNN and artificial bee colony for predicting the uplift capacity of suction caissons. *Automation in Construction*, **2014**, 41, 60-69	9.6	21
15	Predicting Equilibrium Scour Depth at Bridge Piers Using Evolutionary Radial Basis Function Neural Network. *Journal of Computing in Civil Engineering*, **2015**, 29, 04014070	5	20
14	ESTIMATING STRENGTH OF RUBBERIZED CONCRETE USING EVOLUTIONARY MULTIVARIATE ADAPTIVE REGRESSION SPLINES. *Journal of Civil Engineering and Management*, **2016**, 22, 711-720	3	15
13	Machine learning based soil erosion susceptibility prediction using social spider algorithm optimized multivariate adaptive regression spline. *Measurement: Journal of the International Measurement Confederation*, **2020**, 164, 108066	4.6	14
12	Hybrid intelligent inference model for enhancing prediction accuracy of scour depth around bridge piers. *Structure and Infrastructure Engineering*, **2015**, 11, 1178-1189	2.9	13
11	A Novel Time Series Prediction Approach Based on a Hybridization of Least Squares Support Vector Regression and Swarm Intelligence. *Applied Computational Intelligence and Soft Computing*, **2014**, 2014, 1-8	2.7	13
10	CHAOTIC INITIALIZED MULTIPLE OBJECTIVE DIFFERENTIAL EVOLUTION WITH ADAPTIVE MUTATION STRATEGY (CA-MODE) FOR CONSTRUCTION PROJECT TIME-COST-QUALITY TRADE-OFF. *Journal of Civil Engineering and Management*, **2015**, 22, 210-223	3	8
9	Dynamic feature selection for accurately predicting construction productivity using symbiotic organisms search-optimized least square support vector machine. *Journal of Building Engineering*, **2021**, 35, 101973	5.2	8
8	Symbiotic organisms search-optimized deep learning technique for mapping construction cash flow considering complexity of project. *Chaos, Solitons and Fractals*, **2020**, 138, 109869	9.3	7
7	Prediction of long-term deflections of reinforced-concrete members using a novel swarm optimized extreme gradient boosting machine. *Engineering With Computers*,1	4.5	7
6	Image processing-based automatic detection of asphalt pavement rutting using a novel metaheuristic optimized machine learning approach. *Soft Computing*, **2021**, 25, 12839-12855	3.5	7
5	Automatic recognition of concrete spall using image processing and metaheuristic optimized LogitBoost classification tree. *Advances in Engineering Software*, **2021**, 159, 103031	3.6	6

4	Nature-inspired metaheuristic multivariate adaptive regression splines for predicting refrigeration system performance. *Soft Computing*, **2017**, 21, 477-489	3.5	5
3	An advanced meta-learner based on artificial electric field algorithm optimized stacking ensemble techniques for enhancing prediction accuracy of soil shear strength. *Engineering With Computers*, **2020**, 1	4.5	3
2	Predicting load on ground anchor using a metaheuristic optimized least squares support vector regression model: a Taiwan case study. *Journal of Computational Design and Engineering*, **2021**, 8, 268-282	4.6	2
1	Hybrid artificial intelligence-based inference models for accurately predicting dam body displacements: A case study of the Fei Tsui dam. *Structural Health Monitoring*,147592172110441	4.4	1