

Ngoc-Tri Ngo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

535
citations

12
h-index

23
g-index

24
ext. papers

729
ext. citations

5.4
avg, IF

5.07
L-index

#	Paper	IF	Citations
23	Time series analytics using sliding window metaheuristic optimization-based machine learning system for identifying building energy consumption patterns. <i>Applied Energy</i> , 2016 , 177, 751-770	10.7	77
22	Predicting energy consumption in multiple buildings using machine learning for improving energy efficiency and sustainability. <i>Journal of Cleaner Production</i> , 2020 , 260, 121082	10.3	63
21	Smart grid data analytics framework for increasing energy savings in residential buildings. <i>Automation in Construction</i> , 2016 , 72, 247-257	9.6	57
20	Early predicting cooling loads for energy-efficient design in office buildings by machine learning. <i>Energy and Buildings</i> , 2019 , 182, 264-273	7	55
19	The use of artificial intelligence combiners for modeling steel pitting risk and corrosion rate. <i>Engineering Applications of Artificial Intelligence</i> , 2017 , 65, 471-483	7.2	49
18	Shear Strength Prediction in Reinforced Concrete Deep Beams Using Nature-Inspired Metaheuristic Support Vector Regression. <i>Journal of Computing in Civil Engineering</i> , 2016 , 30, 04015002	5	45
17	Modified firefly algorithm for multidimensional optimization in structural design problems. <i>Structural and Multidisciplinary Optimization</i> , 2017 , 55, 2013-2028	3.6	32
16	Continuous-time Bayesian calibration of energy models using BIM and energy data. <i>Energy and Buildings</i> , 2019 , 194, 177-190	7	32
15	Enhancing building energy efficiency by adaptive fããde: A computational optimization approach. <i>Applied Energy</i> , 2020 , 265, 114797	10.7	31
14	Shear strength prediction of reinforced concrete beams by baseline, ensemble, and hybrid machine learning models. <i>Soft Computing</i> , 2020 , 24, 3393-3411	3.5	20
13	Hybrid Machine Learning System to Forecast Electricity Consumption of Smart Grid-Based Air Conditioners. <i>IEEE Systems Journal</i> , 2019 , 13, 3120-3128	4.3	17
12	Engineering strength of fiber-reinforced soil estimated by swarm intelligence optimized regression system. <i>Neural Computing and Applications</i> , 2018 , 30, 2129-2144	4.8	16
11	Hybrid machine learning for predicting strength of sustainable concrete. <i>Soft Computing</i> , 2020 , 24, 14965-14980	3.5	11
10	Machine learning for predicting long-term deflections in reinforce concrete flexural structures. <i>Journal of Computational Design and Engineering</i> , 2020 , 7, 95-106	4.6	6
9	An Ensemble Machine Learning Model for Enhancing the Prediction Accuracy of Energy Consumption in Buildings. <i>Arabian Journal for Science and Engineering</i> , 2021 , 45, 1-11	2.5	6
8	Integration of support vector regression and grey wolf optimization for estimating the ultimate bearing capacity in concrete-filled steel tube columns. <i>Neural Computing and Applications</i> , 2021 , 33, 8525-8535	4.8	6
7	Identifying critical project management techniques and skills for construction professionals to achieving project success 2014 ,		4

6	Forecasting Time-Series Energy Data in Buildings Using an Additive Artificial Intelligence Model for Improving Energy Efficiency. <i>Computational Intelligence and Neuroscience</i> , 2021 , 2021, 6028573	3	3
5	Erratum for Shear Strength Prediction in Reinforced Concrete Deep Beams Using Nature-Inspired Metaheuristic Support Vector Regression by Jui-Sheng Chou, Ngoc-Tri Ngo, and Anh-Duc Pham. <i>Journal of Computing in Civil Engineering</i> , 2016 , 30, 08215001	5	2
4	Proposing a hybrid metaheuristic optimization algorithm and machine learning model for energy use forecast in non-residential buildings.. <i>Scientific Reports</i> , 2022 , 12, 1065	4.9	2
3	Closure to Shear Strength Prediction in Reinforced Concrete Deep Beams Using Nature-Inspired Metaheuristic Support Vector Regression by Jui-Sheng Chou, Ngoc-Tri Ngo, and Anh-Duc Pham. <i>Journal of Computing in Civil Engineering</i> , 2016 , 30, 07015002	5	1
2	Axial strength prediction of steel tube confined concrete columns using a hybrid machine learning model. <i>Structures</i> , 2022 , 36, 765-780	3.4	0
1	Hybrid Machine Learning for Time-Series Energy Data for Enhancing Energy Efficiency in Buildings. <i>Lecture Notes in Computer Science</i> , 2021 , 273-285	0.9	