

# Ngoc-Tri Ngo

## List of Publications by Year in Descending Order

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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	Proposing a hybrid metaheuristic optimization algorithm and machine learning model for energy use forecast in non-residential buildings.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1065	4.9	2
22	Axial strength prediction of steel tube confined concrete columns using a hybrid machine learning model. <i>Structures</i> , <b>2022</b> , 36, 765-780	3.4	0
21	Forecasting Time-Series Energy Data in Buildings Using an Additive Artificial Intelligence Model for Improving Energy Efficiency. <i>Computational Intelligence and Neuroscience</i> , <b>2021</b> , 2021, 6028573	3	3
20	Hybrid Machine Learning for Time-Series Energy Data for Enhancing Energy Efficiency in Buildings. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 273-285	0.9	
19	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> , <b>2021</b> , 33, 8525-8537	4.8	6
18	Predicting energy consumption in multiple buildings using machine learning for improving energy efficiency and sustainability. <i>Journal of Cleaner Production</i> , <b>2020</b> , 260, 121082	10.3	63
17	Enhancing building energy efficiency by adaptive facade: A computational optimization approach. <i>Applied Energy</i> , <b>2020</b> , 265, 114797	10.7	31
16	Hybrid machine learning for predicting strength of sustainable concrete. <i>Soft Computing</i> , <b>2020</b> , 24, 14965-14980	5.1	4980
15	Machine learning for predicting long-term deflections in reinforce concrete flexural structures. <i>Journal of Computational Design and Engineering</i> , <b>2020</b> , 7, 95-106	4.6	6
14	Shear strength prediction of reinforced concrete beams by baseline, ensemble, and hybrid machine learning models. <i>Soft Computing</i> , <b>2020</b> , 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> , <b>2019</b> , 13, 3120-3128	4.3	17
12	Continuous-time Bayesian calibration of energy models using BIM and energy data. <i>Energy and Buildings</i> , <b>2019</b> , 194, 177-190	7	32
11	Early predicting cooling loads for energy-efficient design in office buildings by machine learning. <i>Energy and Buildings</i> , <b>2019</b> , 182, 264-273	7	55
10	Engineering strength of fiber-reinforced soil estimated by swarm intelligence optimized regression system. <i>Neural Computing and Applications</i> , <b>2018</b> , 30, 2129-2144	4.8	16
9	Modified firefly algorithm for multidimensional optimization in structural design problems. <i>Structural and Multidisciplinary Optimization</i> , <b>2017</b> , 55, 2013-2028	3.6	32
8	The use of artificial intelligence combiners for modeling steel pitting risk and corrosion rate. <i>Engineering Applications of Artificial Intelligence</i> , <b>2017</b> , 65, 471-483	7.2	49
7	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> , <b>2016</b> , 30, 07015002	5	1

6	Time series analytics using sliding window metaheuristic optimization-based machine learning system for identifying building energy consumption patterns. <i>Applied Energy</i> , <b>2016</b> , 177, 751-770	10.7	77
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> , <b>2016</b> , 30, 08215001	5	2
4	Shear Strength Prediction in Reinforced Concrete Deep Beams Using Nature-Inspired Metaheuristic Support Vector Regression. <i>Journal of Computing in Civil Engineering</i> , <b>2016</b> , 30, 04015002	5	45
3	Smart grid data analytics framework for increasing energy savings in residential buildings. <i>Automation in Construction</i> , <b>2016</b> , 72, 247-257	9.6	57
2	Identifying critical project management techniques and skills for construction professionals to achieving project success <b>2014</b> ,		4
1	An Ensemble Machine Learning Model for Enhancing the Prediction Accuracy of Energy Consumption in Buildings. <i>Arabian Journal for Science and Engineering</i> , 1	2.5	6