Anh-Duc Pham

List of Publications by Citations

21 papers	795 citations	13 h-index	21 g-index
21 ext. papers	1,028 ext. citations	4.8 avg, IF	4.78 L-index

#	Paper	IF	Citations
21	Machine learning in concrete strength simulations: Multi-nation data analytics. *Construction and Building Materials*, **2014**, 73, 771-780	6.7	147
20	Enhanced artificial intelligence for ensemble approach to predicting high performance concrete compressive strength. *Construction and Building Materials*, **2013**, 49, 554-563	6.7	118
19	Smart Artificial Firefly Colony Algorithm-Based Support Vector Regression for Enhanced Forecasting in Civil Engineering. *Computer-Aided Civil and Infrastructure Engineering*, **2015**, 30, 715-732	8.4	86
18	Predicting energy consumption in multiple buildings using machine learning for improving energy efficiency and sustainability. *Journal of Cleaner Production*, **2020**, 260, 121082	10.3	63
17	Bidding strategy to support decision-making by integrating fuzzy AHP and regression-based simulation. *Automation in Construction*, **2013**, 35, 517-527	9.6	62
16	Predicting Compressive Strength of High-Performance Concrete Using Metaheuristic-Optimized Least Squares Support Vector Regression. *Journal of Computing in Civil Engineering*, **2016**, 30, 06015002	5	50
15	Optimizing parameters of support vector machine using fast messy genetic algorithm for dispute classification. *Expert Systems With Applications*, **2014**, 41, 3955-3964	7.8	47
14	Shear Strength Prediction in Reinforced Concrete Deep Beams Using Nature-Inspired Metaheuristic Support Vector Regression. *Journal of Computing in Civil Engineering*, **2016**, 30, 04015002	5	45
13	Nature-inspired metaheuristic optimization in least squares support vector regression for obtaining bridge scour information. *Information Sciences*, **2017**, 399, 64-80	7.7	43
12	Estimating Compressive Strength of High Performance Concrete with Gaussian Process Regression Model. *Advances in Civil Engineering*, **2016**, 2016, 1-8	1.3	33
11	Project Management Knowledge of Construction Professionals: Cross-Country Study of Effects on Project Success. *Journal of Construction Engineering and Management - ASCE*, **2013**, 139, 04013015	4.2	22
10	Shear strength prediction of reinforced concrete beams by baseline, ensemble, and hybrid machine learning models. *Soft Computing*, **2020**, 24, 3393-3411	3.5	20
9	Evolutionary metaheuristic intelligence to simulate tensile loads in reinforcement for geosynthetic-reinforced soil structures. *Computers and Geotechnics*, **2015**, 66, 1-15	4.4	17
8	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
7	Estimating Concrete Workability Based on Slump Test with Least Squares Support Vector Regression. *Journal of Construction Engineering*, **2016**, 2016, 1-8		12
6	Machine learning for predicting long-term deflections in reinforce concrete flexural structures. *Journal of Computational Design and Engineering*, **2020**, 7, 95-106	4.6	6
5	The Development of a Decision Support Model for Eco-Friendly Material Selection in Vietnam. *Sustainability*, **2020**, 12, 2769	3.6	6

4	BUILDING A STRATEGIC PERFORMANCE MANAGEMENT MODEL FOR ENTERPRISES INVESTING TO COASTAL URBAN PROJECTS TOWARD SUSTAINABILITY. *International Journal of Strategic Property Management*, **2021**, 25, 127-145	1.9	3
3	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. *Journal of Computing in Civil Engineering*, **2016**, 30, 08215001	5	2
2	Applying Smart Meter and Data Mining Techniques to Predict Refrigeration System Performance. *Advances in Intelligent Systems and Computing*, **2013**, 249-257	0.4	
1	Hybrid Machine Learning for Time-Series Energy Data for Enhancing Energy Efficiency in Buildings. *Lecture Notes in Computer Science*, **2021**, 273-285	0.9	