

# Hieu Nguyen

## List of Publications by Year in descending order

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17  
papers

285  
citations

1162367

8  
h-index

940134

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of long-term deflections of reinforced-concrete members using a novel swarm optimized extreme gradient boosting machine. <i>Engineering With Computers</i> , 2022, 38, 1255-1267.	3.5	15
2	Computer vision-based classification of concrete spall severity using metaheuristic-optimized Extreme Gradient Boosting Machine and Deep Convolutional Neural Network. <i>Automation in Construction</i> , 2022, 140, 104371.	4.8	18
3	A success history-based adaptive differential evolution optimized support vector regression for estimating plastic viscosity of fresh concrete. <i>Engineering With Computers</i> , 2021, 37, 1485-1498.	3.5	15
4	Predicting Rainfall-Induced Soil Erosion Based on a Hybridization of Adaptive Differential Evolution and Support Vector Machine Classification. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-20.	0.6	24
5	Predicting ultimate bond strength of corroded reinforcement and surrounding concrete using a metaheuristic optimized least squares support vector regression model. <i>Neural Computing and Applications</i> , 2020, 32, 7289-7309.	3.2	38
6	Effectiveness assessment of Keras based deep learning with different robust optimization algorithms for shallow landslide susceptibility mapping at tropical area. <i>Catena</i> , 2020, 188, 104458.	2.2	96
7	Balancing domain decomposition by constraints associated with subobjects. <i>Applied Mathematics Letters</i> , 2019, 87, 93-100.	1.5	2
8	Spatial prediction of shallow landslide using Bat algorithm optimized machine learning approach: A case study in Lang Son Province, Vietnam. <i>Advanced Engineering Informatics</i> , 2019, 42, 100978.	4.0	37
9	On the convergence of an optimal Additive Schwarz method for parallel adaptive finite elements. <i>Journal of Computational and Applied Mathematics</i> , 2019, 355, 193-200.	1.1	1
10	Physics-Based Balancing Domain Decomposition by Constraints for Multi-Material Problems. <i>Journal of Scientific Computing</i> , 2019, 79, 718-747.	1.1	7
11	An optimal Schwarz preconditioner for a class of parallel adaptive finite elements. <i>Journal of Computational and Applied Mathematics</i> , 2017, 321, 90-107.	1.1	3
12	Relaxing the Roles of Corners in BDDC by Perturbed Formulation. <i>Lecture Notes in Computational Science and Engineering</i> , 2017, , 397-405.	0.1	2
13	Balancing Domain Decomposition by Constraints and Perturbation. <i>SIAM Journal on Numerical Analysis</i> , 2016, 54, 3436-3464.	1.1	7
14	A Comparison of Additive Schwarz Preconditioners for Parallel Adaptive Finite Elements. <i>Lecture Notes in Computational Science and Engineering</i> , 2016, , 345-354.	0.1	0
15	Optimized Schwarz and 2-Lagrange Multiplier Methods for Multiscale Elliptic PDEs. <i>SIAM Journal of Scientific Computing</i> , 2015, 37, A2896-A2923.	1.3	8
16	Mesh Regularization in Bank-Holst Parallel hp-Adaptive Meshing. <i>Lecture Notes in Computational Science and Engineering</i> , 2013, , 103-110.	0.1	1
17	hp Adaptive finite elements based on derivative recovery and superconvergence. <i>Computing and Visualization in Science</i> , 2011, 14, 287-299.	1.2	9