Phuong-Thao Thi Ngo

List of Publications by Year
in descending order

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24 papers	1,458 citations	430442 18 h-index	610482 24 g-index
24 all docs	24 docs citations	24 times ranked	1168 citing authors

#	Article	IF	Citations
1	Water-induced erosion potentiality and vulnerability assessment in Kangsabati river basin, eastern India. Environment, Development and Sustainability, 2022, 24, 3518-3557.	2.7	15
2	Water pollution examination through quality analysis of different rivers: a case study in India. Environment, Development and Sustainability, 2022, 24, 7471-7492.	2.7	28
3	Impacts of heuristic parameters in PSO inverse kinematics solvers. International Journal of Nonlinear Sciences and Numerical Simulation, 2022, 23, 833-858.	0.4	3
4	Prediction of landslide susceptibility in Rudraprayag, India using novel ensemble of conditional probability and boosted regression tree-based on cross-validation method. Science of the Total Environment, 2021, 764, 142928.	3.9	64
5	A novel hybrid quantum-PSO and credal decision tree ensemble for tropical cyclone induced flash flood susceptibility mapping with geospatial data. Journal of Hydrology, 2021, 596, 125682.	2.3	33
6	A new hybrid equilibrium optimized SysFor based geospatial data mining for tropical storm-induced flash flood susceptible mapping. Journal of Environmental Management, 2021, 280, 111858.	3.8	15
7	Comparison of multi-criteria and artificial intelligence models for land-subsidence susceptibility zonation. Journal of Environmental Management, 2021, 284, 112067.	3.8	39
8	A novel deep learning neural network approach for predicting flash flood susceptibility: A case study at a high frequency tropical storm area. Science of the Total Environment, 2020, 701, 134413.	3.9	216
9	A New Hybrid Fireflyâ€“PSO Optimized Random Subspace Tree Intelligence for Torrential Rainfall-Induced Flash Flood Susceptible Mapping. Remote Sensing, 2020, 12, 2688.	1.8	46
10	Modeling Spatial Flood using Novel Ensemble Artificial Intelligence Approaches in Northern Iran. Remote Sensing, 2020, 12, 3423.	1.8	41
11	Predicting the deforestation probability using the binary logistic regression, random forest, ensemble rotational forest, REPTree: A case study at the Gumani River Basin, India. Science of the Total Environment, 2020, 730, 139197.	3.9	74
12	Analysis of Outbreak and Global Impacts of the COVID-19. Healthcare (Switzerland), 2020, 8, 148.	1.0	37
13	Novel Ensemble Approaches of Machine Learning Techniques in Modeling the Gully Erosion Susceptibility. Remote Sensing, 2020, 12, 1890.	1.8	39
14	Novel Ensembles of Deep Learning Neural Network and Statistical Learning for Flash-Flood Susceptibility Mapping. Water (Switzerland), 2020, 12, 1549.	1.2	51
15	A New Integrated Approach Based on the Iterative Super-Resolution Algorithm and Expectation Maximization for Face Hallucination. Applied Sciences (Switzerland), 2020, 10, 718.	1.3	8
16	Shuffled Frog Leaping Algorithm and Wind-Driven Optimization Technique Modified with Multilayer Perceptron. Applied Sciences (Switzerland), 2020, 10, 689.	1.3	10
17	A New Modeling Approach for Spatial Prediction of Flash Flood with Biogeography Optimized CHAID Tree Ensemble and Remote Sensing Data. Remote Sensing, 2020, 12, 1373.	1.8	32
18	Novel Ensemble of MCDM-Artificial Intelligence Techniques for Groundwater-Potential Mapping in Arid and Semi-Arid Regions (Iran). Remote Sensing, 2020, 12, 490.	1.8	62

#	Article	IF	Citations
19	A new intelligence approach based on GIS-based Multivariate Adaptive Regression Splines and metaheuristic optimization for predicting flash flood susceptible areas at high-frequency tropical typhoon area. Journal of Hydrology, 2019, 575, 314-326.	2.3	76
20	A novel hybrid approach based on a swarm intelligence optimized extreme learning machine for flash flood susceptibility mapping. Catena, 2019, 179, 184-196.	2.2	214
21	Flash flood susceptibility modeling using an optimized fuzzy rule based feature selection technique and tree based ensemble methods. Science of the Total Environment, 2019, 668, 1038-1054.	3.9	195
22	A New Approach of Hybrid Bee Colony Optimized Neural Computing to Estimate the Soil Compression Coefficient for a Housing Construction Project. Applied Sciences (Switzerland), 2019, 9, 4912.	1.3	15
23	Spatial Modeling of Snow Avalanche Using Machine Learning Models and Geo-Environmental Factors: Comparison of Effectiveness in Two Mountain Regions. Remote Sensing, 2019, 11, 2995.	1.8	44
24	A Novel Hybrid Swarm Optimized Multilayer Neural Network for Spatial Prediction of Flash Floods in Tropical Areas Using Sentinel-1 SAR Imagery and Geospatial Data. Sensors, 2018, 18, 3704.	2.1	101