

Phuong-Thao Thi Ngo

List of Publications by Year in descending order

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Version: 2024-02-01

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	A novel deep learning neural network approach for predicting flash flood susceptibility: A case study at a high frequency tropical storm area. <i>Science of the Total Environment</i> , 2020, 701, 134413.	3.9	216
2	A novel hybrid approach based on a swarm intelligence optimized extreme learning machine for flash flood susceptibility mapping. <i>Catena</i> , 2019, 179, 184-196.	2.2	214
3	Flash flood susceptibility modeling using an optimized fuzzy rule based feature selection technique and tree based ensemble methods. <i>Science of the Total Environment</i> , 2019, 668, 1038-1054.	3.9	195
4	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. <i>Sensors</i> , 2018, 18, 3704.	2.1	101
5	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. <i>Journal of Hydrology</i> , 2019, 575, 314-326.	2.3	76
6	Predicting the deforestation probability using the binary logistic regression, random forest, ensemble rotational forest, REPTree: A case study at the Gumani River Basin, India. <i>Science of the Total Environment</i> , 2020, 730, 139197.	3.9	74
7	Prediction of landslide susceptibility in Rudraprayag, India using novel ensemble of conditional probability and boosted regression tree-based on cross-validation method. <i>Science of the Total Environment</i> , 2021, 764, 142928.	3.9	64
8	Novel Ensemble of MCDM-Artificial Intelligence Techniques for Groundwater-Potential Mapping in Arid and Semi-Arid Regions (Iran). <i>Remote Sensing</i> , 2020, 12, 490.	1.8	62
9	Novel Ensembles of Deep Learning Neural Network and Statistical Learning for Flash-Flood Susceptibility Mapping. <i>Water (Switzerland)</i> , 2020, 12, 1549.	1.2	51
10	A New Hybrid Firefly-PSO Optimized Random Subspace Tree Intelligence for Torrential Rainfall-Induced Flash Flood Susceptible Mapping. <i>Remote Sensing</i> , 2020, 12, 2688.	1.8	46
11	Spatial Modeling of Snow Avalanche Using Machine Learning Models and Geo-Environmental Factors: Comparison of Effectiveness in Two Mountain Regions. <i>Remote Sensing</i> , 2019, 11, 2995.	1.8	44
12	Modeling Spatial Flood using Novel Ensemble Artificial Intelligence Approaches in Northern Iran. <i>Remote Sensing</i> , 2020, 12, 3423.	1.8	41
13	Novel Ensemble Approaches of Machine Learning Techniques in Modeling the Gully Erosion Susceptibility. <i>Remote Sensing</i> , 2020, 12, 1890.	1.8	39
14	Comparison of multi-criteria and artificial intelligence models for land-subsidence susceptibility zonation. <i>Journal of Environmental Management</i> , 2021, 284, 112067.	3.8	39
15	Analysis of Outbreak and Global Impacts of the COVID-19. <i>Healthcare (Switzerland)</i> , 2020, 8, 148.	1.0	37
16	A novel hybrid quantum-PSO and credal decision tree ensemble for tropical cyclone induced flash flood susceptibility mapping with geospatial data. <i>Journal of Hydrology</i> , 2021, 596, 125682.	2.3	33
17	A New Modeling Approach for Spatial Prediction of Flash Flood with Biogeography Optimized CHAID Tree Ensemble and Remote Sensing Data. <i>Remote Sensing</i> , 2020, 12, 1373.	1.8	32
18	Water pollution examination through quality analysis of different rivers: a case study in India. <i>Environment, Development and Sustainability</i> , 2022, 24, 7471-7492.	2.7	28

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Water-induced erosion potentiality and vulnerability assessment in Kangsabati river basin, eastern India. Environment, Development and Sustainability, 2022, 24, 3518-3557.	2.7	15
22	Shuffled Frog Leaping Algorithm and Wind-Driven Optimization Technique Modified with Multilayer Perceptron. Applied Sciences (Switzerland), 2020, 10, 689.	1.3	10
23	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
24	Impacts of heuristic parameters in PSO inverse kinematics solvers. International Journal of Nonlinear Sciences and Numerical Simulation, 2022, 23, 833-858.	0.4	3