

Viet-Ha Nhu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,568
citations

279487

23
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

1200
citing authors

#	ARTICLE	IF	CITATIONS
1	GIS-based modeling of rainfall-induced landslides using data mining-based functional trees classifier with AdaBoost, Bagging, and MultiBoost ensemble frameworks. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	215
2	Shallow Landslide Susceptibility Mapping: A Comparison between Logistic Model Tree, Logistic Regression, Naïve Bayes Tree, Artificial Neural Network, and Support Vector Machine Algorithms. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2749.	1.2	159
3	Prediction of soil compression coefficient for urban housing project using novel integration machine learning approach of swarm intelligence and Multi-layer Perceptron Neural Network. <i>Advanced Engineering Informatics</i> , 2018, 38, 593-604.	4.0	117
4	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
5	Shallow Landslide Susceptibility Mapping by Random Forest Base Classifier and Its Ensembles in a Semi-Arid Region of Iran. <i>Forests</i> , 2020, 11, 421.	0.9	87
6	Landslide Susceptibility Mapping Using Machine Learning Algorithms and Remote Sensing Data in a Tropical Environment. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4933.	1.2	84
7	GIS-Based Gully Erosion Susceptibility Mapping: A Comparison of Computational Ensemble Data Mining Models. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2039.	1.3	78
8	A tree-based intelligence ensemble approach for spatial prediction of potential groundwater. <i>International Journal of Digital Earth</i> , 2020, 13, 1408-1429.	1.6	70
9	Landslide Detection and Susceptibility Modeling on Cameron Highlands (Malaysia): A Comparison between Random Forest, Logistic Regression and Logistic Model Tree Algorithms. <i>Forests</i> , 2020, 11, 830.	0.9	57
10	A swarm intelligence-based machine learning approach for predicting soil shear strength for road construction: a case study at Trung Luong National Expressway Project (Vietnam). <i>Engineering With Computers</i> , 2019, 35, 955-965.	3.5	53
11	Comparison of Support Vector Machine, Bayesian Logistic Regression, and Alternating Decision Tree Algorithms for Shallow Landslide Susceptibility Mapping along a Mountainous Road in the West of Iran. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5047.	1.3	50
12	Mapping of Groundwater Spring Potential in Karst Aquifer System Using Novel Ensemble Bivariate and Multivariate Models. <i>Water (Switzerland)</i> , 2020, 12, 985.	1.2	50
13	A hybrid computational intelligence approach for predicting soil shear strength for urban housing construction: a case study at Vinhomes Imperia project, Hai Phong city (Vietnam). <i>Engineering With Computers</i> , 2020, 36, 603-616.	3.5	46
14	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
15	Daily Water Level Prediction of Zrebar Lake (Iran): A Comparison between MSP, Random Forest, Random Tree and Reduced Error Pruning Trees Algorithms. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 479.	1.4	42
16	Monitoring and Assessment of Water Level Fluctuations of the Lake Urmia and Its Environmental Consequences Using Multitemporal Landsat 7 ETM+ Images. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4210.	1.2	37
17	Analysis of Outbreak and Global Impacts of the COVID-19. <i>Healthcare (Switzerland)</i> , 2020, 8, 148.	1.0	37
18	Design and implementation of site-specific rainfall-induced landslide early warning and monitoring system: a case study at Nam Dan landslide (Vietnam). <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1978-1996.	2.0	33

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Monthly suspended sediment load prediction using artificial intelligence: testing of a new random subspace method. <i>Hydrological Sciences Journal</i> , 2020, 65, 2116-2127.	1.2	29
22	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
23	Deformation forecasting of a hydropower dam by hybridizing a long short-term memory deep learning network with the coronavirus optimization algorithm. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2022, 37, 1368-1386.	6.3	26
24	An advanced meta-learner based on artificial electric field algorithm optimized stacking ensemble techniques for enhancing prediction accuracy of soil shear strength. <i>Engineering With Computers</i> , 2022, 38, 2185-2207.	3.5	18
25	A New Approach of Hybrid Bee Colony Optimized Neural Computing to Estimate the Soil Compression Coefficient for a Housing Construction Project. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4912.	1.3	15
26	A new hybrid equilibrium optimized SysFor based geospatial data mining for tropical storm-induced flash flood susceptible mapping. <i>Journal of Environmental Management</i> , 2021, 280, 111858.	3.8	15
27	Advanced soft computing techniques for predicting soil compression coefficient in engineering project: a comparative study. <i>Engineering With Computers</i> , 2020, 36, 1405-1416.	3.5	11
28	Impacts of heuristic parameters in PSO inverse kinematics solvers. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2022, 23, 833-858.	0.4	3
29	An approach based on socio-politically optimized neural computing network for predicting shallow landslide susceptibility at tropical areas. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	1
30	Building a High-Resolution 3D Geotechnical Model of Hanoi City (Vietnam) for Geohazard Assessment and Sustainable Development. <i>Lecture Notes in Civil Engineering</i> , 2021, , 39-57.	0.3	0