Quoc Bao Pham

List of Publications by Citations

145 papers	1,801 citations	24 h-index	35 g-index
151 ext. papers	3,170 ext. citations	3.6 avg, IF	5.94 L-index

#	Paper	IF	Citations
145	Flood susceptibility modelling using advanced ensemble machine learning models. *Geoscience Frontiers*, **2021**, 12, 101075	6	84
144	GIS-based comparative assessment of flood susceptibility mapping using hybrid multi-criteria decision-making approach, naïve Bayes tree, bivariate statistics and logistic regression: A case of Topľa basin, Slovakia. *Ecological Indicators*, **2020**, 117, 106620	5.8	80
143	Flash-Flood Susceptibility Assessment Using Multi-Criteria Decision Making and Machine Learning Supported by Remote Sensing and GIS Techniques. *Remote Sensing*, **2020**, 12, 106	5	76
142	Comparative assessment of the flash-flood potential within small mountain catchments using bivariate statistics and their novel hybrid integration with machine learning models. *Science of the Total Environment*, **2020**, 711, 134514	10.2	58
141	Flood susceptibility modeling in Teesta River basin, Bangladesh using novel ensembles of bagging algorithms. *Stochastic Environmental Research and Risk Assessment*, **2020**, 34, 2277-2300	3.5	53
140	Evolutionary computational intelligence algorithm coupled with self-tuning predictive model for water quality index determination. *Journal of Hydrology*, **2020**, 587, 124974	6	46
139	Adaptive neuro-fuzzy inference system coupled with shuffled frog leaping algorithm for predicting river streamflow time series. *Hydrological Sciences Journal*, **2020**, 65, 1738-1751	3.5	45
138	GIS-based landslide susceptibility modeling: A comparison between fuzzy multi-criteria and machine learning algorithms. *Geoscience Frontiers*, **2021**, 12, 857-876	6	45
137	Spatial predicting of flood potential areas using novel hybridizations of fuzzy decision-making, bivariate statistics, and machine learning. *Journal of Hydrology*, **2020**, 585, 124808	6	44
136	Potential of Hybrid Data-Intelligence Algorithms for Multi-Station Modelling of Rainfall. *Water Resources Management*, **2019**, 33, 5067-5087	3.7	44
135	Novel hybrid models between bivariate statistics, artificial neural networks and boosting algorithms for flood susceptibility assessment. *Journal of Environmental Management*, **2020**, 265, 110485	7.9	43
134	Deep learning convolutional neural network in rainfall–runoff modelling. *Journal of Hydroinformatics*, **2020**, 22, 541-561	2.6	39
133	Developing Novel Robust Models to Improve the Accuracy of Daily Streamflow Modeling. *Water Resources Management*, **2020**, 34, 3387-3409	3.7	37
132	Support vector regression optimized by meta-heuristic algorithms for daily streamflow prediction. *Stochastic Environmental Research and Risk Assessment*, **2020**, 34, 1755-1773	3.5	36
131	Seasonality shift and streamflow flow variability trends in central India. *Acta Geophysica*, **2020**, 68, 1461-1475	1.4	35
130	Spatial prediction of landslide susceptibility in western Serbia using hybrid support vector regression (SVR) with GWO, BAT and COA algorithms. *Geoscience Frontiers*, **2021**, 12, 101104	6	30
129	Emerging evolutionary algorithm integrated with kernel principal component analysis for modeling the performance of a water treatment plant. *Journal of Water Process Engineering*, **2020**, 33, 101081	6.7	28

128	Application of remote sensing and machine learning algorithms for forest fire mapping in a Mediterranean area. *Ecological Indicators*, **2021**, 129, 107869	5.8	28
127	Using GIS, Remote Sensing, and Machine Learning to Highlight the Correlation between the Land-Use/Land-Cover Changes and Flash-Flood Potential. *Remote Sensing*, **2020**, 12, 1422	5	27
126	The optimal alternative for quantifying reference evapotranspiration in climatic sub-regions of Bangladesh. *Scientific Reports*, **2020**, 10, 20171	4.9	27
125	Combing Random Forest and Least Square Support Vector Regression for Improving Extreme Rainfall Downscaling. *Water (Switzerland)*, **2019**, 11, 451	3	26
124	Implementation of data intelligence models coupled with ensemble machine learning for prediction of water quality index. *Environmental Science and Pollution Research*, **2020**, 27, 41524-41539	5.1	26
123	A comparison among fuzzy multi-criteria decision making, bivariate, multivariate and machine learning models in landslide susceptibility mapping. *Geomatics, Natural Hazards and Risk*, **2021**, 12, 1741-1777	3.6	26
122	Hybrid model to improve the river streamflow forecasting utilizing multi-layer perceptron-based intelligent water drop optimization algorithm. *Soft Computing*, **2020**, 24, 18039-18056	3.5	24
121	Soil Management Effects on Soil Water Erosion and Runoff in Central Syria—A Comparative Evaluation of General Linear Model and Random Forest Regression. *Water (Switzerland)*, **2020**, 12, 2529	3	22
120	Sanitary landfill site selection by integrating AHP and FTOPSIS with GIS: a case study of Memari Municipality, India. *Environmental Science and Pollution Research*, **2021**, 28, 7528-7550	5.1	22
119	Simulating Future Flows and Salinity Intrusion Using Combined One- and Two-Dimensional Hydrodynamic Modelling—The Case of Hau River, Vietnamese Mekong Delta. *Water (Switzerland)*, **2018**, 10, 897	3	21
118	Flood susceptibility mapping and assessment using a novel deep learning model combining multilayer perceptron and autoencoder neural networks. *Journal of Flood Risk Management*, **2021**, 14, e12683	3.1	21
117	Application of soft computing to predict water quality in wetland. *Environmental Science and Pollution Research*, **2021**, 28, 185-200	5.1	21
116	Implementing novel hybrid models to improve indirect measurement of the daily soil temperature: Elman neural network coupled with gravitational search algorithm and ant colony optimization. *Measurement: Journal of the International Measurement Confederation*, **2020**, 165, 108127	4.6	20
115	Machine learning algorithm-based risk assessment of riparian wetlands in Padma River Basin of Northwest Bangladesh. *Environmental Science and Pollution Research*, **2021**, 28, 34450-34471	5.1	20
114	Flash-Flood Potential Mapping Using Deep Learning, Alternating Decision Trees and Data Provided by Remote Sensing Sensors. *Sensors*, **2021**, 21,	3.8	20
113	New neural fuzzy-based machine learning ensemble for enhancing the prediction accuracy of flood susceptibility mapping. *Hydrological Sciences Journal*, **2020**, 65, 2816-2837	3.5	19
112	Enhancing the Prediction Accuracy of Data-Driven Models for Monthly Streamflow in Urmia Lake Basin Based upon the Autoregressive Conditionally Heteroskedastic Time-Series Model. *Applied Sciences (Switzerland)*, **2020**, 10, 571	2.6	18
111	Estimating Human Impacts on Soil Erosion Considering Different Hillslope Inclinations and Land Uses in the Coastal Region of Syria. *Water (Switzerland)*, **2020**, 12, 2786	3	18

110	Quantitative assessment of regional land use and climate change impact on runoff across Gilgit watershed. *Environmental Earth Sciences*, **2021**, 80, 1	2.9	16
109	Spatial modeling and susceptibility zonation of landslides using random forest, naïve bayes and K-nearest neighbor in a complicated terrain. *Earth Science Informatics*, **2021**, 14, 1227	2.5	16
108	Application of an artificial intelligence technique enhanced with intelligent water drops for monthly reference evapotranspiration estimation. *Agricultural Water Management*, **2021**, 244, 106622	5.9	16
107	Downscaling rainfall using deep learning long short-term memory and feedforward neural network. *International Journal of Climatology*, **2019**, 39, 4170-4188	3.5	15
106	Improved Rainfall Prediction Using Combined Pre-Processing Methods and Feed-Forward Neural Networks. *J*, **2019**, 2, 65-83	1.9	15
105	Time-Series Prediction of Streamflows of Malaysian Rivers Using Data-Driven Techniques. *Journal of Irrigation and Drainage Engineering - ASCE*, **2020**, 146, 04020013	1.1	15
104	Delineation of groundwater potential zones for sustainable development and planning using analytical hierarchy process (AHP), and MIF techniques. *Applied Water Science*, **2021**, 11,	5	15
103	A novel approach for predicting daily pan evaporation in the coastal regions of Iran using support vector regression coupled with krill herd algorithm model. *Theoretical and Applied Climatology*, **2020**, 142, 349-367	3	15
102	. *IEEE Access*, **2020**, 8, 157218-157237	3.5	15
101	Assessment of land suitability potentials for winter wheat cultivation by using a multi criteria decision Support- Geographic information system (MCDS-GIS) approach in Al-Yarmouk Basin (S syria). *Geocarto International*, **2020**, 1-19	2.7	14
100	Flash-flood susceptibility mapping based on XGBoost, random forest and boosted regression trees. *Geocarto International*,1-18	2.7	14
99	Simulating Caspian Sea surface water level by artificial neural network and support vector machine models. *Acta Geophysica*, **2020**, 68, 553-563	2.2	13
98	Developing hybrid time series and artificial intelligence models for estimating air temperatures. *Stochastic Environmental Research and Risk Assessment*, **2021**, 35, 1189-1204	3.5	12
97	Coupling Singular Spectrum Analysis with Least Square Support Vector Machine to Improve Accuracy of SPI Drought Forecasting. *Water Resources Management*, **2021**, 35, 847-868	3.7	12
96	Deep learning and boosting framework for piping erosion susceptibility modeling: spatial evaluation of agricultural areas in the semi-arid region. *Geocarto International*,1-27	2.7	11
95	Predicting soil erosion hazard in Lattakia Governorate (W Syria). *International Journal of Sediment Research*, **2021**, 36, 207-220	3	11
94	Understanding temporary reduction in atmospheric pollution and its impacts on coastal aquatic system during COVID-19 lockdown: a case study of South Asia. *Geomatics, Natural Hazards and Risk*, **2021**, 12, 560-580	3.6	11
93	Identification of EDI trend using Mann-Kendall and İn-Innovative Trend methods (Uttarakhand, India). *Arabian Journal of Geosciences*, **2020**, 13, 1	1.8	10

92	Development of an integrated peri-urban wetland degradation assessment approach for the Chatra Wetland in eastern India. *Scientific Reports*, **2021**, 11, 4470	4.9	10
91	Assessing landslide susceptibility using a machine learning-based approach to achieving land degradation neutrality. *Environmental Earth Sciences*, **2021**, 80, 1	2.9	10
90	Linking Singular Spectrum Analysis and Machine Learning for Monthly Rainfall Forecasting. *Applied Sciences (Switzerland)*, **2020**, 10, 3224	2.6	9
89	Innovative and polygonal trend analyses applications for rainfall data in Vietnam. *Theoretical and Applied Climatology*, **2021**, 144, 809-822	3	9
88	Characterization of the 2014 Indus River Flood Using Hydraulic Simulations and Satellite Images. *Remote Sensing*, **2021**, 13, 2053	5	9
87	Improving the Resolution of GRACE Data for Spatio-Temporal Groundwater Storage Assessment. *Remote Sensing*, **2021**, 13, 3513	5	9
86	Recognition of district-wise groundwater stress zones using the GLDAS-2 catchment land surface model during lean season in the Indian state of West Bengal. *Acta Geophysica*, **2021**, 69, 175-198	2.2	8
85	Comparison of multi-criteria-analytical hierarchy process and machine learning-boosted tree models for regional flood susceptibility mapping: a case study from Slovakia. *Geomatics, Natural Hazards and Risk*, **2021**, 12, 1153-1180	3.6	8
84	Detection of areas prone to flood risk using state-of-the-art machine learning models. *Geomatics, Natural Hazards and Risk*, **2021**, 12, 1488-1507	3.6	8
83	An Integrated Approach for Delineating and Characterizing Groundwater Depletion Hotspots in a Coastal State of India. *Journal of the Geological Society of India*, **2021**, 97, 1429-1440	1.3	8
82	An Ensemble Framework to Investigate Wind Energy Sustainability Considering Climate Change Impacts. *Sustainability*, **2020**, 12, 876	3.6	7
81	Modelling seasonal flows alteration in the Vietnamese Mekong Delta under upstream discharge changes, rainfall changes and sea level rise. *International Journal of River Basin Management*, **2019**, 17, 435-449	1.7	7
80	Head-cut gully erosion susceptibility modelling based on ensemble Random Forest with oblique decision trees in Fareghan watershed, Iran. *Geomatics, Natural Hazards and Risk*, **2020**, 11, 2385-2410	3.6	7
79	Evaluation of re-sampling methods on performance of machine learning models to predict landslide susceptibility. *Geocarto International*, **2020**, 1-23	2.7	7
78	Application of entropy weighting method for urban flood hazard mapping. *Acta Geophysica*, **2021**, 69, 841-854	2.2	7
77	Optimization of statistical and machine learning hybrid models for groundwater potential mapping. *Geocarto International*,1-35	2.7	7
76	Sentinel-1 remote sensing data and Hydrologic Engineering Centres River Analysis System two-dimensional integration for flash flood detection and modelling in New Cairo City, Egypt. *Journal of Flood Risk Management*, **2021**, 14, e12692	3.1	7
75	Groundwater level prediction using machine learning algorithms in a drought-prone area. *Neural Computing and Applications*,1	4.8	7

74	Groundwater flow modeling in the basaltic hard rock area of Maharashtra, India. *Applied Water Science*, **2022**, 12, 1	5	7
73	Integrated Framework for Detecting the Areas Prone to Flooding Generated by Flash-Floods in Small River Catchments. *Water (Switzerland)*, **2021**, 13, 758	3	6
72	Groundwater potential assessment as a preliminary step to solving water scarcity challenges in Ekpoma, Edo State, Nigeria. *Acta Geophysica*, **2021**, 69, 1367-1381	2.2	6
71	Monitoring forest landcover changes in the Eastern Sundarban of Bangladesh from 1989 to 2019. *Acta Geophysica*, **2021**, 69, 561-577	2.2	6
70	Modified Approach to Reduce GCM Bias in Downscaled Precipitation: A Study in Ganga River Basin. *Water (Switzerland)*, **2019**, 11, 2097	3	5
69	Modelling of Bunus regional sewage treatment plant using machine learning approaches203, 80-90		5
68	An integrated approach for evaluating the flash flood risk and potential erosion using the hydrologic indices and morpho-tectonic parameters. *Environmental Earth Sciences*, **2021**, 80, 1	2.9	5
67	Flash-flood potential index estimation using fuzzy logic combined with deep learning neural network, naïve Bayes, XGBoost and classification and regression tree. *Geocarto International*,1-28	2.7	5
66	Application of complex networks for monthly rainfall dynamics over central Vietnam. *Stochastic Environmental Research and Risk Assessment*, **2021**, 35, 535-548	3.5	5
65	Assessing the potential and hydrological usefulness of the CHIRPS precipitation dataset over a complex topography in Pakistan. *Hydrological Sciences Journal*, **2021**, 66, 1664-1684	3.5	5
64	Evaluation of debris flow and landslide hazards using ensemble framework of Bayesian- and tree-based models. *Bulletin of Engineering Geology and the Environment*, **2022**, 81, 1	4	4
63	Flash-flood propagation susceptibility estimation using weights of evidence and their novel ensembles with multicriteria decision making and machine learning. *Geocarto International*,1-32	2.7	4
62	Consideration of spatial heterogeneity in landslide susceptibility mapping using geographical random forest model. *Geocarto International*, **2021**, 1-20	2.7	4
61	Effective discharge computation in the lower Drava River. *Hydrological Sciences Journal*, **2021**, 66, 826-837	3.5	4
60	Development of fuzzy analytic hierarchy process based water quality model of Upper Ganga river basin, India. *Journal of Environmental Management*, **2021**, 284, 111985	7.9	4
59	A New Approach to Mapping Cultural Ecosystem Services. *Environments - MDPI*, **2021**, 8, 56	3.2	4
58	Credibility of design rainfall estimates for drainage infrastructures: extent of disregard in Nigeria and proposed framework for practice. *Natural Hazards*,1	3	4
57	Characterization of drought using four drought indices under climate change in the Sahel region of Nigeria: 19812015. *Theoretical and Applied Climatology*, **2021**, 143, 843-860	3	4

56	A new hybrid model based on relevance vector machine with flower pollination algorithm for phycocyanin pigment concentration estimation. *Environmental Science and Pollution Research*, **2021**, 28, 32564	5.1	4
55	GIS-Based Spatial and Multi-Criteria Assessment of Riverine Flood Potential: A Case Study of the Nitra River Basin, Slovakia. *ISPRS International Journal of Geo-Information*, **2021**, 10, 578	2.9	4
54	Predicting landslide susceptibility based on decision tree machine learning models under climate and land use changes. *Geocarto International*,1-20	2.7	4
53	Detection of areas prone to flood-induced landslides risk using certainty factor and its hybridization with FAHP, XGBoost and deep learning neural network. *Geocarto International*,1-36	2.7	4
52	Validation of double averaged velocity method in a variable width river. *Earth Science Informatics*, **2021**, 14, 2265	2.5	4
51	Modelling and accessing land degradation vulnerability using remote sensing techniques and the analytical hierarchy process approach. *Geocarto International*,1-21	2.7	4
50	Efficiency of Geospatial Technology and Multi-Criteria Decision Analysis for Groundwater Potential Mapping in a Semi-Arid Region. *Water (Switzerland)*, **2022**, 14, 882	3	4
49	A Water Supply Pipeline Risk Analysis Methodology Based on DIY and Hierarchical Fuzzy Inference. *Symmetry*, **2020**, 12, 44	2.7	3
48	Multi attributive ideal-real comparative analysis (MAIRCA) method for evaluating flood susceptibility in a temperate Mediterranean climate. *Hydrological Sciences Journal*,1-18	3.5	3
47	Estimating Baseflow and Baseflow Index in Ungauged Basins Using Spatial Interpolation Techniques: A Case Study of the Southern River Basin of Thailand. *Water (Switzerland)*, **2021**, 13, 3113	3	3
46	Performance Evaluation of a Two-Parameters Monthly Rainfall-Runoff Model in the Southern Basin of Thailand. *Water (Switzerland)*, **2021**, 13, 1226	3	3
45	Precipitation Forecasting in Northern Bangladesh Using a Hybrid Machine Learning Model. *Sustainability*, **2022**, 14, 2663	3.6	3
44	Development of Boosted Machine Learning Models for Estimating Daily Reference Evapotranspiration and Comparison with Empirical Approaches. *Water (Switzerland)*, **2021**, 13, 3489	3	3
43	Applications of Data-driven Models for Daily Discharge Estimation Based on Different Input Combinations. *Water Resources Management*,1	3.7	3
42	An ensemble random forest tree with SVM, ANN, NBT, and LMT for landslide susceptibility mapping in the Rangit River watershed, India. *Natural Hazards*,1	3	3
41	Comparison of analytic network process and artificial neural network models for flash flood susceptibility assessment. *Journal of African Earth Sciences*, **2022**, 193, 104576	2.2	3
40	Modeling and mapping of susceptibility to soil erosion using machine learnings in a tropical sub-humid environment. *Journal of Cleaner Production*, **2022**, 132428	10.3	3
39	Flow structure investigation over a pool-riffle sequence in a variable width river. *Acta Geophysica*,1	2.2	2

38	Random forest and nature-inspired algorithms for mapping groundwater nitrate concentration in a coastal multi-layer aquifer system. *Journal of Cleaner Production*, **2022**, 130900	10.3	2
37	Integrating feature extraction approaches with hybrid emotional neural networks for water quality index modeling. *Applied Soft Computing Journal*, **2021**, 114, 108036	7.5	2
36	Developing a new approach for design support of subsurface constructed wetland using machine learning algorithms. *Journal of Environmental Management*, **2022**, 301, 113868	7.9	2
35	Flood prediction based on climatic signals using wavelet neural network. *Acta Geophysica*, **2021**, 69, 1413-1426	2.1	2
34	Application of ERA-Interim, empirical models, and an artificial intelligence-based model for estimating daily solar radiation. *Ain Shams Engineering Journal*, **2021**, 13, 101498-101498	4.4	2
33	Evaluation of various boosting ensemble algorithms for predicting flood hazard susceptibility areas. *Geomatics, Natural Hazards and Risk*, **2021**, 12, 2607-2628	3.6	2
32	An integrated geotechnical and geophysical investigation of a catastrophic landslide in the Northeast Himalayas of Pakistan. *Geological Journal*, **2021**, 56, 4760-4778	1.7	2
31	Identification and characterization the sources of aerosols over Jharkhand state and surrounding areas, India using AHP model. *Geomatics, Natural Hazards and Risk*, **2021**, 12, 2194-2224	3.6	2
30	Application of revised innovative trend analysis in lower Drava River. *Arabian Journal of Geosciences* , **2022**, 15,	1.8	2
29	Improvement of the predictive performance of landslide mapping models in mountainous terrains using cluster sampling. *Geocarto International*,1-39	2.7	2
28	Observed Changes in Crop Yield Associated with Droughts Propagation via Natural and Human-Disturbed Agro-Ecological Zones of Pakistan. *Remote Sensing*, **2022**, 14, 2152	5	2
27	A modified approach to quantify aquifer vulnerability to pollution towards sustainable groundwater management in Irrigated Indus Basin.. *Environmental Science and Pollution Research*, **2022**, 29, 27257	5.1	1
26	Flash flood susceptibility mapping in urban area using genetic algorithm and ensemble method. *Geocarto International*,1-30	2.7	1
25	Estimating Yield and Water Productivity of Tomato Using a Novel Hybrid Approach. *Water (Switzerland)*, **2021**, 13, 3615	3	1
24	Current and future projections of flood risk dynamics under seasonal precipitation regimes in the Hyrcanian Forest region. *Geocarto International*,1-18	2.7	1
23	Integrating water quality index, GIS and multivariate statistical techniques towards a better understanding of drinking water quality. *Environmental Science and Pollution Research*, **2021**, 1	5.1	1
22	Evaluating novel hybrid models based on GIS for snow avalanche susceptibility mapping: A comparative study. *Cold Regions Science and Technology*, **2022**, 194, 103453	3.8	1
21	Using machine learning methods for supporting GR2M model in runoff estimation in an ungauged basin. *Scientific Reports*, **2021**, 11, 19955	4.9	1

20	Assessing the potential of soil erosion in Kyrgyzstan based on RUSLE, integrated with remote sensing. *Environmental Earth Sciences*, **2021**, 80, 1	2.9	1
19	Evaluating the variability in long-term rainfall over India with advanced statistical techniques. *Acta Geophysica*, **2022**, 70, 801	2.2	1
18	Evaluating the impact of the environment on depleting groundwater resources: a case study from a semi-arid and arid climatic region. *Hydrological Sciences Journal*,1-15	3.5	1
17	Flood susceptibility modeling based on new hybrid intelligence model: Optimization of XGboost model using GA metaheuristic algorithm. *Advances in Space Research*, **2022**, 69, 3301-3318	2.4	1
16	Spatio-temporal calibration of Hargreaves–Samani model in the Northern Region of Nigeria. *Theoretical and Applied Climatology*, **2022**, 147, 1213-1228	3	1
15	Assessment of spatio-temporal trends of satellite-based aerosol optical depth using Mann–Kendall test and Sen's slope estimator model. *Geomatics, Natural Hazards and Risk*, **2022**, 13, 1270-1298	3.6	1
14	Prediction of groundwater nitrate concentration in a semiarid region using hybrid Bayesian artificial intelligence approaches. *Environmental Science and Pollution Research*, **2021**, 1	5.1	0
13	A hybrid feed-forward neural network with grasshopper optimization for observing pattern of scour depth around bridge piers. *Arabian Journal of Geosciences*, **2021**, 14, 1	1.8	0
12	Multifractal characterization and cross correlations of reference evapotranspiration time series of India. *European Physical Journal: Special Topics*, **2021**, 230, 3845	2.3	0
11	Grand Ethiopian Renaissance Dam and hydrologic hegemony over Abbay Basin. *Sustainable Water Resources Management*, **2021**, 7, 1	1.9	0
10	Daily precipitation concentration in Central Coast Vietnam. *Theoretical and Applied Climatology*, **2022**, 147, 37	3	0
9	Multi sources hydrological assessment over Vu Gia Thu Bon Basin, Vietnam. *Hydrological Sciences Journal*, **2021**, 66, 1383-1392	3.5	0
8	Estimation of Tasuj aquifer response to main meteorological parameter variations under Shared Socioeconomic Pathways scenarios. *Theoretical and Applied Climatology*,1	3	0
7	Applicability of machine learning techniques for multi-time step ahead runoff forecasting. *Acta Geophysica*, **2022**, 70, 757	2.2	0
6	Flood vulnerability and buildings' flood exposure assessment in a densely urbanised city: comparative analysis of three scenarios using a neural network approach. *Natural Hazards*,1	3	0
5	Urban flood vulnerability assessment in a densely urbanized city using multi-factor analysis and machine learning algorithms. *Theoretical and Applied Climatology*,1	3	0
4	Cooling island effect of urban lakes in hot waves under foehn and climate change. *Theoretical and Applied Climatology*,1	3	0
3	Monitoring agricultural and meteorological drought using remote sensing. *Arabian Journal of Geosciences*, **2022**, 15, 1	1.8	

2	Investigating feasible sites for multi-purpose small dams in Swat District of Khyber Pakhtunkhwa Province, Pakistan: socioeconomic and environmental considerations. *Environment, Development and Sustainability*,1	4.5
1	Closure to "Time-Series Prediction of Streamflows of Malaysian Rivers Using Data-Driven Techniques" by Siraj Muhammed Pandhiani, Parveen Sihag, Ani Bin Shabri, Balraj Singh, and Quoc Bao Pham. *Journal of Irrigation and Drainage Engineering - ASCE*, **2021**, 147, 07021015	1.1