

Shamsuddin Shahid

List of Publications by Year in descending order

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377
papers

14,899
citations

15497

65
h-index

37994

96
g-index

398
all docs

398
docs citations

398
times ranked

13612
citing authors

#	ARTICLE	IF	CITATIONS
1	Robustness of interdependent networks with weak dependency links and reinforced nodes. Science China Information Sciences, 2024, 67, .	4.5	0
2	Millions more Egyptians will be exposed to drought by 2100 under the goals of the Paris climate agreement. International Journal of Disaster Risk Reduction, 2024, 101, 104257.	4.0	2
3	A novel approach for evaluation of <scp>CMIP6 GCMs</scp> in simulating temperature and precipitation extremes of Pakistan. International Journal of Climatology, 2024, 44, 592-612.	3.5	4
4	Selecting the optimal gridded climate dataset for Nigeria using advanced time series similarity algorithms. Environmental Science and Pollution Research, 2024, 31, 15986-16010.	5.3	1
5	Simplified equations for wet bulb globe temperature estimation in Bangladesh. International Journal of Climatology, 2024, 44, 1636-1653.	3.5	0
6	Enhancing reliability in climate projections: A novel approach for selecting global climate models. Physics and Chemistry of the Earth, 2024, 134, 103598.	3.1	0
7	Projection of future water availability in the Amu Darya Basin. International Journal of Climatology, 2024, 44, 2948-2961.	3.5	0
8	Urbanization signature on hourly rainfall extremes of Kuala Lumpur. Sustainable Cities and Society, 2024, 112, 105610.	10.6	0
9	Review of construction labor productivity factors from a geographical standpoint. International Journal of Construction Management, 2023, 23, 697-707.	3.2	5
10	New data on suicide risk assessment in the emergency department reveal the need for new approaches in research and clinical practice. Psychological Medicine, 2023, 53, 1122-1123.	5.2	12
11	Future Köppen-Geiger climate zones over Southeast Asia using CMIP6 Multimodel Ensemble. Atmospheric Research, 2023, 283, 106560.	4.3	14
12	Prediction of the Discharge Coefficient in Compound Broad-Crested-Weir Gate by Supervised Data Mining Techniques. Sustainability, 2023, 15, 433.	3.3	6
13	Projection of temperature extremes of Egypt using CMIP6 GCMs under multiple shared socioeconomic pathways. Environmental Science and Pollution Research, 2023, 30, 38063-38075.	5.3	6
14	Spatiotemporal changes in population exposure to heat stress in South Asia. Sustainable Cities and Society, 2023, 93, 104544.	10.6	8
15	Joint Modelling of Drought Severity and Duration using Copula Theory: A Case Study of Ghana. KSCE Journal of Civil Engineering, 2023, 27, 1850-1865.	1.9	2
16	Utilizing Satellite Data to Establish Rainfall Intensity-Duration-Frequency Curves for Major Cities in Iraq. Water (Switzerland), 2023, 15, 852.	2.8	3
17	Water Quality Prediction of the Yamuna River in India Using Hybrid Neuro-Fuzzy Models. Water (Switzerland), 2023, 15, 1095.	2.8	9
18	Performance evaluation of CMIP6 GCMs for the projections of precipitation extremes in Pakistan. Climate Dynamics, 2023, 61, 4717-4732.	3.8	14

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19	High-Resolution Precipitation Modeling in Complex Terrains Using Hybrid Interpolation Techniques: Incorporating Physiographic and MODIS Cloud Cover Influences. <i>Remote Sensing</i> , 2023, 15, 2435.	4.1	3
20	Improving Significant Wave Height Prediction Using a Neuro-Fuzzy Approach and Marine Predators Algorithm. <i>Journal of Marine Science and Engineering</i> , 2023, 11, 1163.	2.7	12
21	Seasonal correlation of meteorological parameters and PM2.5 with the COVID-19 confirmed cases and deaths in Baghdad, Iraq. <i>International Journal of Disaster Risk Reduction</i> , 2023, 94, 103799.	4.0	3
22	Analysis of the Decoupling State and Driving Effects of Economic Development and Production Water Use in Jiangsu Province, China. <i>Sustainability</i> , 2023, 15, 10258.	3.3	0
23	Modeling Significant Wave Heights for Multiple Time Horizons Using Metaheuristic Regression Methods. <i>Mathematics</i> , 2023, 11, 3141.	2.3	1
24	Large-Scale Flood Hazard Monitoring and Impact Assessment on Landscape: Representative Case Study in India. <i>Sustainability</i> , 2023, 15, 11413.	3.3	5
25	Relative Influence of Meteorological Variables of Human Thermal Stress in Peninsular Malaysia. <i>Sustainability</i> , 2023, 15, 12842.	3.3	3
26	Climate Impact on Irrigation Water Use in Jiangsu Province, China: An Analysis Using Empirical Mode Decomposition (EMD). <i>Water (Switzerland)</i> , 2023, 15, 3013.	2.8	1
27	Assessing seismicity in Bangladesh: an application of Guttenberg-Richter relationship and spectral analysis. <i>Geomatics, Natural Hazards and Risk</i> , 2023, 14, .	4.4	0
28	Development of global monthly dataset of CMIP6 climate variables for estimating evapotranspiration. <i>Scientific Data</i> , 2023, 10, .	5.4	3
29	Assessment of 40 Empirical Models for Estimating Reference Evapotranspiration under the Three Major Climate Zones of Iraq. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2023, 149, .	1.4	1
30	Construction labour productivity: review of factors identified. <i>International Journal of Construction Management</i> , 2022, 22, 413-425.	3.2	44
31	Modelling labour productivity using SVM and RF: a comparative study on classifiers performance. <i>International Journal of Construction Management</i> , 2022, 22, 1924-1934.	3.2	25
32	What is this article about? Generative summarization with the BERT model in the geosciences domain. <i>Earth Science Informatics</i> , 2022, 15, 21-36.	3.2	21
33	Evaluating the aptitude of global climate models from <sc>CMIP5</sc> and <sc>CMIP6</sc> in capturing the historical observations of monsoon rainfall over Sudan from 1946 to 2005. <i>International Journal of Climatology</i> , 2022, 42, 2717-2738.	3.5	7
34	Differences in multi-€model ensembles of <sc>CMIP5</sc> and <sc>CMIP6</sc> projections for future droughts in South Korea. <i>International Journal of Climatology</i> , 2022, 42, 2688-2716.	3.5	30
35	A look at 1983 CO₂ emissions from fossil (with preliminary data for 1984) fuels. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 39, 203.	1.6	9
36	Predictability performance enhancement for suspended sediment in rivers: Inspection of newly developed hybrid adaptive neuro-fuzzy system model. <i>International Journal of Sediment Research</i> , 2022, 37, 383-398.	3.6	16

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37	Prediction of heat waves using meteorological variables in diverse regions of Iran with advanced machine learning models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 1959-1974.	4.1	10
38	Development of new machine learning model for streamflow prediction: case studies in Pakistan. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 999-1033.	4.1	47
39	Effects of convective available potential energy, temperature and humidity on the variability of thunderstorm frequency over Bangladesh. <i>Theoretical and Applied Climatology</i> , 2022, 147, 325-346.	2.8	6
40	Athlete, coach and practitioner knowledge and perceptions of post-exercise cold-water immersion for recovery: a qualitative and quantitative exploration. <i>Sport Sciences for Health</i> , 2022, 18, 699-713.	1.4	8
41	Influence of Ultrasonic Shot Peening on Microstructure, Mechanical, and Electrochemical Behavior of 316 Stainless Steel. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 2364-2380.	2.4	11
42	Future precipitation changes in Egypt under the 1.5 and 2.0 °C global warming goals using CMIP6 multimodel ensemble. <i>Atmospheric Research</i> , 2022, 265, 105908.	4.3	51
43	Comparison of precipitation projections of CMIP5 and CMIP6 global climate models over Yulin, China. <i>Theoretical and Applied Climatology</i> , 2022, 147, 535-548.	2.8	16
44	A new insight for real-time wastewater quality prediction using hybridized kernel-based extreme learning machines with advanced optimization algorithms. <i>Environmental Science and Pollution Research</i> , 2022, 29, 20496-20516.	5.3	19
45	Inconsistency in historical simulations and future projections of temperature and rainfall: A comparison of CMIP5 and CMIP6 models over Southeast Asia. <i>Atmospheric Research</i> , 2022, 265, 105927.	4.3	93
46	A novel selection method of CMIP6 GCMs for robust climate projection. <i>International Journal of Climatology</i> , 2022, 42, 4258-4272.	3.5	50
47	Inter-comparison of historical simulation and future projections of rainfall and temperature by CMIP5 and CMIP6 GCMs over Egypt. <i>International Journal of Climatology</i> , 2022, 42, 4316-4332.	3.5	60
48	Changes in urbanization and urban heat island effect in Dhaka city. <i>Theoretical and Applied Climatology</i> , 2022, 147, 891-907.	2.8	21
49	Assessment of CMIP6 global climate models in reconstructing rainfall climatology of Bangladesh. <i>International Journal of Climatology</i> , 2022, 42, 3928-3953.	3.5	24
50	Replicability of Annual and Seasonal Precipitation by CMIP5 and CMIP6 GCMs over East Asia. <i>KSCE Journal of Civil Engineering</i> , 2022, 26, 1978-1989.	1.9	14
51	Assessment of climate change impact on probable maximum floods in a tropical catchment. <i>Theoretical and Applied Climatology</i> , 2022, 148, 15-31.	2.8	6
52	Recent changes in temperature extremes in subtropical climate region and the role of large-scale atmospheric oscillation patterns. <i>Theoretical and Applied Climatology</i> , 2022, 148, 329-347.	2.8	15
53	Selection of the gridded temperature dataset for assessment of thermal bioclimatic environmental changes in Amu Darya River basin. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 2919-2939.	4.1	17
54	Spatiotemporal changes in water consumption structure of the Yellow River Basin, China. <i>Physics and Chemistry of the Earth</i> , 2022, 126, 103112.	3.1	10

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55	Low concentrations of the antidepressant venlafaxine affect courtship behaviour and alter serotonin and dopamine systems in zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2022, 244, 106082.	4.0	12
56	Assessing the spatial and temporal variations of terrestrial water storage of Iraq using GRACE satellite data and reliabilityâ€“resiliencyâ€“vulnerability indicators. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.4	6
57	Vegetation response to climate and climatic extremes in northwest Bangladesh: a quantile regression approach. <i>Theoretical and Applied Climatology</i> , 2022, 148, 985-1003.	2.8	3
58	Assessment of Water Resources Availability in Amu Darya River Basin Using GRACE Data. <i>Water (Switzerland)</i> , 2022, 14, 533.	2.8	18
59	Effect of land use land cover changes on land surface temperature during 1984â€“2020: a case study of Baghdad city using landsat image. <i>Natural Hazards</i> , 2022, 112, 1223-1246.	3.4	34
60	Bias correction method of high-resolution satellite-based precipitation product for Peninsular Malaysia. <i>Theoretical and Applied Climatology</i> , 2022, 148, 1429-1446.	2.8	21
61	Future precipitation projection in Bangladesh using <scp>SimCLIM</scp> climate model: A multiâ€“model ensemble approach. <i>International Journal of Climatology</i> , 2022, 42, 6716-6740.	3.5	14
62	Future Hydrological Drought Analysis Considering Agricultural Water Withdrawal Under SSP Scenarios. <i>Water Resources Management</i> , 2022, 36, 2913-2930.	4.0	18
63	Changes in monsoon precipitation patterns over Bangladesh and its teleconnections with global climate. <i>Theoretical and Applied Climatology</i> , 2022, 148, 1261-1278.	2.8	14
64	Uncertainties in evapotranspiration projections associated with estimation methods and CMIP6 GCMs for South Korea. <i>Science of the Total Environment</i> , 2022, 825, 153953.	8.2	25
65	Groundwater level prediction using machine learning models: A comprehensive review. <i>Neurocomputing</i> , 2022, 489, 271-308.	6.2	169
66	Projection of Hot and Cold Extremes in the Amu River Basin of Central Asia using GCMs CMIP6. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 3395-3416.	4.1	27
67	Projection of droughts in Amu river basin for shared socioeconomic pathways CMIP6. <i>Theoretical and Applied Climatology</i> , 2022, 149, 1009-1027.	2.8	19
68	Projection of rainfall intensity-duration-frequency curves at ungauged location under climate change scenarios. <i>Sustainable Cities and Society</i> , 2022, 83, 103951.	10.6	10
69	Distributed Hydrological Model Based on Machine Learning Algorithm: Assessment of Climate Change Impact on Floods. <i>Sustainability</i> , 2022, 14, 6620.	3.3	5
70	GIS and Remote Sensing-Based Multi-Criteria Analysis for Delineation of Groundwater Potential Zones: A Case Study for Industrial Zones in Bangladesh. <i>Sustainability</i> , 2022, 14, 6667.	3.3	9
71	Predicting daily soil temperature at multiple depths using hybrid machine learning models for a semi-arid region in Punjab, India. <i>Environmental Science and Pollution Research</i> , 2022, 29, 71270-71289.	5.3	12
72	Differences in extremes and uncertainties in future runoff simulations using SWAT and LSTM for SSP scenarios. <i>Science of the Total Environment</i> , 2022, 838, 156162.	8.2	44

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73	Estimating the Standardized Precipitation Evapotranspiration Index Using Data-Driven Techniques: A Regional Study of Bangladesh. <i>Water (Switzerland)</i> , 2022, 14, 1764.	2.8	10
74	Delineation of urban expansion and drought-prone areas using vegetation conditions and other geospatial indices. <i>Theoretical and Applied Climatology</i> , 2022, 149, 1277-1295.	2.8	4
75	Remote Sensing for Development of Rainfall Intensityâ€œDurationâ€œFrequency Curves at Ungauged Locations of Yangon, Myanmar. <i>Water (Switzerland)</i> , 2022, 14, 1699.	2.8	7
76	Climatic zonation of Egypt based on high-resolution dataset using image clustering technique. <i>Progress in Earth and Planetary Science</i> , 2022, 9, .	3.2	25
77	Projecting spatiotemporal changes of precipitation and temperature in Iraq for different shared socioeconomic pathways with selected Coupled Model Intercomparison Project Phase 6. <i>International Journal of Climatology</i> , 2022, 42, 9032-9050.	3.5	18
78	Spatial distribution of the trends in potential evapotranspiration and its influencing climatic factors in Iraq. <i>Theoretical and Applied Climatology</i> , 2022, 150, 677-696.	2.8	11
79	Factors influencing adoption of construction technologies in Vietnam's residential construction projects. <i>International Journal of Building Pathology and Adaptation</i> , 2022, ahead-of-print, .	1.4	3
80	Covariance Matrix Adaptation Evolution Strategy for Improving Machine Learning Approaches in Streamflow Prediction. <i>Mathematics</i> , 2022, 10, 2971.	2.3	26
81	Comparison between CMIP5 and CMIP6 Models over MENA Region Using Historical Simulations and Future Projections. <i>Sustainability</i> , 2022, 14, 10375.	3.3	31
82	Developing a high-resolution gridded rainfall product for Bangladesh during 1901â€œ2018. <i>Scientific Data</i> , 2022, 9, .	5.4	9
83	Development of a Temperature-Based Model Using Machine Learning Algorithms for the Projection of Evapotranspiration of Peninsular Malaysia. <i>Water (Switzerland)</i> , 2022, 14, 2858.	2.8	6
84	Modeling labor costs using artificial intelligence tools. <i>International Journal of Building Pathology and Adaptation</i> , 2022, ahead-of-print, .	1.4	1
85	Projection of Thermal Bioclimate of Egypt for the Paris Agreement Goals. <i>Sustainability</i> , 2022, 14, 13259.	3.3	3
86	Future Projection of Precipitation Bioclimatic Indicators over Southeast Asia Using CMIP6. <i>Sustainability</i> , 2022, 14, 13596.	3.3	4
87	Ranking of Empirical Evapotranspiration Models in Different Climate Zones of Pakistan. <i>Land</i> , 2022, 11, 2168.	3.0	9
88	Inhomogeneity detection in the precipitation series: case of arid province of Pakistan. <i>Environment, Development and Sustainability</i> , 2021, 23, 7176-7192.	5.0	13
89	Prediction of dissolved oxygen, biochemical oxygen demand, and chemical oxygen demand using hydrometeorological variables: case study of Selangor River, Malaysia. <i>Environment, Development and Sustainability</i> , 2021, 23, 8027-8046.	5.0	13
90	Evaluating intensity-duration-frequency (IDF) curves of satellite-based precipitation datasets in Peninsular Malaysia. <i>Atmospheric Research</i> , 2021, 248, 105203.	4.3	25

#	ARTICLE	IF	CITATIONS
91	Global solar radiation prediction over North Dakota using air temperature: Development of novel hybrid intelligence model. <i>Energy Reports</i> , 2021, 7, 136-157.	5.2	66
92	A novel simulationâ€œoptimization strategy for stochasticâ€œbased designing of flood control dam: A case study of Jamishan dam. <i>Journal of Flood Risk Management</i> , 2021, 14, e12678.	3.4	11
93	Advances in CMIP6 INM-CM5 over CMIP5 INM-CM4 for precipitation simulation in South Korea. <i>Atmospheric Research</i> , 2021, 247, 105261.	4.3	61
94	Theoretical substantiation of the influence of electric pulse processing on the process of obtaining juice from grapes and fruits. <i>E3S Web of Conferences</i> , 2021, 264, 04086.	0.5	8
95	Daily pan-evaporation estimation in different agro-climatic zones using novel hybrid support vector regression optimized by Salp swarm algorithm in conjunction with gamma test. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2021, 15, 1075-1094.	3.3	27
96	Forecasting standardized precipitation index using data intelligence models: regional investigation of Bangladesh. <i>Scientific Reports</i> , 2021, 11, 3435.	3.4	60
97	A new hybrid model based on relevance vector machine with flower pollination algorithm for phycoyanin pigment concentration estimation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32564-32579.	5.3	25
98	Spatiotemporal trends in reference evapotranspiration and its driving factors in Bangladesh. <i>Theoretical and Applied Climatology</i> , 2021, 144, 793-808.	2.8	72
99	Ependymomaâ€œlike tumor with mesenchymal differentiation harboring <i>C11orf95</i> or <i>NCOA1</i> or <i>RELN</i> fusion: A hitherto unclassified tumor related to ependymoma. <i>Brain Pathology</i> , 2021, 31, e12943.	4.2	23
100	Estimation of Spatial and Seasonal Variability of Soil Erosion in a Cold Arid River Basin in Hindu Kush Mountainous Region Using Remote Sensing. <i>Sustainability</i> , 2021, 13, 1549.	3.3	5
101	Prediction of meteorological drought by using hybrid support vector regression optimized with HHO versus PSO algorithms. <i>Environmental Science and Pollution Research</i> , 2021, 28, 39139-39158.	5.3	74
102	Ranking of gridded precipitation datasets by merging compromise programming and global performance index: a case study of the Amu Darya basin. <i>Theoretical and Applied Climatology</i> , 2021, 144, 985-999.	2.8	19
103	Delineation of groundwater potential zones using a parsimonious concept based on catastrophe theory and analytical hierarchy process. <i>Hydrogeology Journal</i> , 2021, 29, 1091-1116.	2.4	18
104	Risk Factors for Septic Arthritis After Anterior Cruciate Ligament Reconstruction: A Nationwide Analysis of 26,014 ACL Reconstructions. <i>American Journal of Sports Medicine</i> , 2021, 49, 1769-1776.	4.3	20
105	Correcting bias of satellite rainfall data using physical empirical model. <i>Atmospheric Research</i> , 2021, 251, 105430.	4.3	19
106	Suspended Sediment Modeling Using a Heuristic Regression Method Hybridized with Kmeans Clustering. <i>Sustainability</i> , 2021, 13, 4648.	3.3	18
107	The development of evolutionary computing model for simulating reference evapotranspiration over Peninsular Malaysia. <i>Theoretical and Applied Climatology</i> , 2021, 144, 1419-1434.	2.8	23
108	Analysis of historical drought and flood characteristics of Hengshui during the period 1649â€œ2018: a typical city in North China. <i>Natural Hazards</i> , 2021, 108, 2081-2099.	3.4	2

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109	Spatiotemporal differences and uncertainties in projections of precipitation and temperature in South Korea from <scp>CMIP6</scp> and <scp>CMIP5</scp> general circulation model<scp>s</scp>. International Journal of Climatology, 2021, 41, 5899-5919.	3.5	52
110	Projection of Water Availability and Sustainability in Nigeria Due to Climate Change. Sustainability, 2021, 13, 6284.	3.3	16
111	Evaluation of CMIP6 GCM rainfall in mainland Southeast Asia. Atmospheric Research, 2021, 254, 105525.	4.3	106
112	Spatio-temporal Investigations of Monsoon Precipitation and Its Historical and Future Trend over Sudan. Earth Systems and Environment, 2021, 5, 519-529.	6.3	8
113	Performance evaluation of reanalysis precipitation products in Egypt using fuzzy entropy time series similarity analysis. International Journal of Climatology, 2021, 41, 5431-5446.	3.5	41
114	Comparative implementation between neuro-emotional genetic algorithm and novel ensemble computing techniques for modelling dissolved oxygen concentration. Hydrological Sciences Journal, 2021, 66, 1584-1596.	2.7	31
115	River water level prediction in coastal catchment using hybridized relevance vector machine model with improved grasshopper optimization. Journal of Hydrology, 2021, 598, 126477.	5.6	39
116	Integration of complete ensemble empirical mode decomposition with deep long short-term memory model for particulate matter concentration prediction. Environmental Science and Pollution Research, 2021, 28, 64818-64829.	5.3	12
117	Rice yield responses in Bangladesh to large-scale atmospheric oscillation using multifactorial model. Theoretical and Applied Climatology, 2021, 146, 29-44.	2.8	5
118	Spatiotemporal nexus between vegetation change and extreme climatic indices and their possible causes of change. Journal of Environmental Management, 2021, 289, 112505.	7.9	74
119	Defining climate zone of Borneo based on cluster analysis. Theoretical and Applied Climatology, 2021, 145, 1467-1484.	2.8	14
120	Geographically Weighted Regression Hybridized with Kriging Model for Delineation of Drought-Prone Areas. Environmental Modeling and Assessment, 2021, 26, 803-821.	2.2	7
121	Assessment of Spatiotemporal Variability of Meteorological Droughts in Northern Iraq Using Satellite Rainfall Data. KSCE Journal of Civil Engineering, 2021, 25, 4481-4493.	1.9	8
122	A Novel Stochastic Approach for Optimization of Diversion System Dimension by Considering Hydrological and Hydraulic Uncertainties. Water Resources Management, 2021, 35, 3649-3677.	4.0	4
123	Comparison of CMIP6 and CMIP5 model performance in simulating historical precipitation and temperature in Bangladesh: a preliminary study. Theoretical and Applied Climatology, 2021, 145, 1385-1406.	2.8	73
124	Appraising the historical and projected spatiotemporal changes in the heat index in Bangladesh. Theoretical and Applied Climatology, 2021, 146, 125-138.	2.8	11
125	Historical trends in crop water demand over semiarid region of Syria. Theoretical and Applied Climatology, 2021, 146, 555-566.	2.8	4
126	Estimation of anaerobic threshold by cardiac repolarization instability: a prospective validation study. BMC Sports Science, Medicine and Rehabilitation, 2021, 13, 85.	1.7	2

#	ARTICLE	IF	CITATIONS
127	Prediction of copper ions adsorption by attapulgite adsorbent using tuned-artificial intelligence model. <i>Chemosphere</i> , 2021, 276, 130162.	8.4	48
128	Spatiotemporal variability of rainfall trends and influencing factors in Rwanda. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 219, 105631.	1.7	21
129	Assessing the skills of inter-sectoral impact model intercomparison project climate models for precipitation simulation in the Gongola Basin of Nigeria. <i>Scientific African</i> , 2021, 13, e00921.	1.6	2
130	Daily scale river flow simulation: hybridized fuzzy logic model with metaheuristic algorithms. <i>Hydrological Sciences Journal</i> , 2021, 66, 2155-2169.	2.7	10
131	Identification of NO ₂ and SO ₂ Pollution Hotspots and Sources in Jiangsu Province of China. <i>Remote Sensing</i> , 2021, 13, 3742.	4.1	19
132	Improving streamflow prediction using a new hybrid ELM model combined with hybrid particle swarm optimization and grey wolf optimization. <i>Knowledge-Based Systems</i> , 2021, 230, 107379.	7.4	132
133	Prediction of heat waves over Pakistan using support vector machine algorithm in the context of climate change. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 1335.	4.1	22
134	Systematic Integration of Artificial Intelligence Toward Evaluating Response of Materials and Structures in Extreme Conditions. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2021, , 183-212.	0.0	2
135	Empirical Model for the Assessment of Climate Change Impacts on Spatial Pattern of Water Availability in Nigeria. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2021, , 405-427.	0.0	2
136	Integration of catastrophe and entropy theories for flood risk mapping in peninsular Malaysia. <i>Journal of Flood Risk Management</i> , 2021, 14, e12686.	3.4	32
137	Prediction of Potential Evapotranspiration Using Temperature-Based Heuristic Approaches. <i>Sustainability</i> , 2021, 13, 297.	3.3	18
138	Summer monsoon rainfall variations and its association with atmospheric circulations over Sudan. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 225, 105751.	1.7	6
139	Water resources response and prediction under climate change in Taoâ€™er River Basin, Northeast China. <i>Journal of Mountain Science</i> , 2021, 18, 2635-2645.	2.0	6
140	Dual Water Choices: The Assessment of the Influential Factors on Water Sources Choices Using Unsupervised Machine Learning Market Basket Analysis. <i>IEEE Access</i> , 2021, 9, 150532-150544.	4.4	12
141	Monenmoista metateoriaa monenlaiseen makuun. <i>Sananjalka</i> , 2021, 63, .	0.1	0
142	Spatiotemporal distribution of drought and its possible associations with ENSO indices in Bangladesh. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.4	15
143	Artificial intelligence models for suspended river sediment prediction: state-of-the art, modeling framework appraisal, and proposed future research directions. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2021, 15, 1585-1612.	3.3	25
144	Projection of Agricultural Water Stress for Climate Change Scenarios: A Regional Case Study of Iraq. <i>Agriculture (Switzerland)</i> , 2021, 11, 1288.	3.1	34

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145	An optimized baseflow separation method for assessment of seasonal and spatial variability of baseflow and the driving factors. <i>Journal of Chinese Geography</i> , 2021, 31, 1873-1894.	3.9	4
146	The neXtProt knowledgebase in 2020: data, tools and usability improvements. <i>Nucleic Acids Research</i> , 2020, 48, D328-D334.	14.0	129
147	Assessment of changing pattern of crop water stress in Bangladesh. <i>Environment, Development and Sustainability</i> , 2020, 22, 4619-4637.	5.0	27
148	Spatiotemporal changes in aridity and the shift of drylands in Iran. <i>Atmospheric Research</i> , 2020, 233, 104704.	4.3	63
149	Selection of GCMs for the projection of spatial distribution of heat waves in Pakistan. <i>Atmospheric Research</i> , 2020, 233, 104688.	4.3	60
150	Physical-empirical models for prediction of seasonal rainfall extremes of Peninsular Malaysia. <i>Atmospheric Research</i> , 2020, 233, 104720.	4.3	54
151	Challenges in water resources of Lagos mega city of Nigeria in the context of climate change. <i>Journal of Water and Climate Change</i> , 2020, 11, 1067-1083.	2.9	39
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