Muhammad Shahid

List of Publications by Year
in descending order

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21	460	686830 13	752256 20
papers	citations	h-index	g-index

21	21	21	384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding the impacts of climate change and human activities on streamflow: a case study of the Soan River basin, Pakistan. Theoretical and Applied Climatology, 2018, 134, 205-219.	1.3	73
2	Quantitative assessment of regional land use and climate change impact on runoff across Gilgit watershed. Environmental Earth Sciences, 2021, 80, 1.	1.3	48
3	Hydrological evaluation of merged satellite precipitation datasets for streamflow simulation using SWAT: A case study of Potohar Plateau, Pakistan. Journal of Hydrology, 2020, 587, 125040.	2.3	41
4	Performance Assessment of SM2RAIN-CCI and SM2RAIN-ASCAT Precipitation Products over Pakistan. Remote Sensing, 2019, 11, 2040.	1.8	40
5	Developing an Ensemble Precipitation Algorithm from Satellite Products and Its Topographical and Seasonal Evaluations Over Pakistan. Remote Sensing, 2018, 10, 1835.	1.8	39
6	Attribution of runoff change in the alpine basin: a case study of the Heihe Upstream Basin, China. Hydrological Sciences Journal, 2017, 62, 1013-1028.	1.2	27
7	Identifying the Annual and Seasonal Trends of Hydrological and Climatic Variables in the Indus Basin Pakistan. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 191-205.	1.3	27
8	Application of a Dynamic Clustered Bayesian Model Averaging (DCBA) Algorithm for Merging Multisatellite Precipitation Products over Pakistan. Journal of Hydrometeorology, 2020, 21, 17-37.	0.7	25
9	Anthropogenic Effects of Coal Mining on Ecological Resources of the Central Indus Basin, Pakistan. International Journal of Environmental Research and Public Health, 2020, 17, 1255.	1.2	25
10	An Appraisal of Dynamic Bayesian Model Averaging-based Merged Multi-Satellite Precipitation Datasets Over Complex Topography and the Diverse Climate of Pakistan. Remote Sensing, 2020, 12, 10.	1.8	23
11	Comparison of machine learning and process-based SWAT model in simulating streamflow in the Upper Indus Basin. Applied Water Science, 2022, 12, .	2.8	20
12	Impact assessment of land use and climate changes on the variation of runoff in Margalla Hills watersheds, Pakistan. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	17
13	Development of a novel Weighted Average Least Squares-based ensemble multi-satellite precipitation dataset and its comprehensive evaluation over Pakistan. Atmospheric Research, 2020, 246, 105133.	1.8	15
14	Assessing the potential and hydrological usefulness of the CHIRPS precipitation dataset over a complex topography in Pakistan. Hydrological Sciences Journal, 2021, 66, 1664-1684.	1.2	12
15	Application of Machine Learning Techniques to Delineate Homogeneous Climate Zones in River Basins of Pakistan for Hydro-Climatic Change Impact Studies. Applied Sciences (Switzerland), 2020, 10, 6878.	1.3	8
16	Application of precipitation products for flood modeling of transboundary river basin: a case study of Jhelum Basin. Theoretical and Applied Climatology, 2021, 143, 989-1004.	1.3	8
17	2D numerical modeling of two dam-break flood model studies in an urban locality. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	4
18	Plausible Precipitation Trends over the Large River Basins of Pakistan in Twenty First Century. Atmosphere, 2022, 13, 190.	1.0	4

#	Article	IF	Citations
19	Evaluating the impact of the environment on depleting groundwater resources: a case study from a semi-arid and arid climatic region. Hydrological Sciences Journal, 2022, 67, 791-805.	1.2	2
20	Development of Artificial Geochemical Filter to Treat Acid Mine Drainage for Safe Disposal of Mine Water in Salt Range Portion of Indus Basinâ€"A Lab to Pilot Scale Study. Sustainability, 2022, 14, 7693.	1.6	2
21	Investigating feasible sites for multi-purpose small dams in Swat District of Khyber Pakhtunkhwa Province, Pakistan: socioeconomic and environmental considerations. Environment, Development and Sustainability, 0, , 1.	2.7	0