

# Samiran Das

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

707  
citations

686830

13  
h-index

580395

25  
g-index

40  
all docs

40  
docs citations

40  
times ranked

596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of groundwater quality using water evaluation indices, multivariate statistics and geostatistics in central Bangladesh. <i>Water Science</i> , 2016, 30, 19-40.	0.5	247
2	Assessment of trace elements of groundwater and their spatial distribution in Rangpur district, Bangladesh. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	67
3	Extreme rainfall estimation at ungauged sites: Comparison between regional influence approach of regional analysis and spatial interpolation technique. <i>International Journal of Climatology</i> , 2019, 39, 407-423.	1.5	29
4	Assessment of characteristic changes of regional estimation of extreme rainfall under climate change: A case study in a tropical monsoon region with the climate projections from CMIP6 model. <i>Journal of Hydrology</i> , 2022, 610, 128002.	2.3	28
5	Extreme rainfall estimation at ungauged locations: Information that needs to be included in low-lying monsoon climate regions like Bangladesh. <i>Journal of Hydrology</i> , 2021, 601, 126616.	2.3	27
6	Examination of homogeneity of selected Irish pooling groups. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 819-830.	1.9	24
7	Hyperspectral image, video compression using sparse tucker tensor decomposition. <i>IET Image Processing</i> , 2021, 15, 964-973.	1.4	21
8	Performance of regional influence approach of frequency analysis of extreme rainfall in monsoon climate conditions. <i>International Journal of Climatology</i> , 2017, 37, 612-623.	1.5	19
9	Fast Semi-Supervised Unmixing of Hyperspectral Image by Mutual Coherence Reduction and Recursive PCA. <i>Remote Sensing</i> , 2018, 10, 1106.	1.8	19
10	Performance of flood frequency pooling analysis in a low CV context. <i>Hydrological Sciences Journal</i> , 2012, 57, 433-444.	1.2	18
11	Sparsity measure based library aided unmixing of hyperspectral image. <i>IET Image Processing</i> , 2019, 13, 2077-2085.	1.4	18
12	Assessment of mapping of annual average rainfall in a tropical country like Bangladesh: remotely sensed output vs. kriging estimate. <i>Theoretical and Applied Climatology</i> , 2021, 146, 111-123.	1.3	18
13	Covariance Similarity Approach for Semiblind Unmixing of Hyperspectral Image. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019, 16, 937-941.	1.4	17
14	Hydrological Appraisal of Climate Change Impacts on the Water Resources of the Xijiang Basin, South China. <i>Water (Switzerland)</i> , 2017, 9, 793.	1.2	14
15	Comparison of mapping approaches for estimating extreme precipitation of any return period at ungauged locations. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 1175-1196.	1.9	13
16	Fast Linear Unmixing of Hyperspectral Image by Slow Feature Analysis and Simplex Volume Ratio Approach. , 2019, , .		11
17	An assessment of using subsampling method in selection of a flood frequency distribution. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 2033-2045.	1.9	9
18	Convex Set Based Abundance Constrained Unmixing of Hyperspectral Image. , 2017, , .		8

#	ARTICLE	IF	CITATIONS
19	Goodness-of-Fit Tests for Generalized Normal Distribution for Use in Hydrological Frequency Analysis. Pure and Applied Geophysics, 2018, 175, 3605-3617.	0.8	8
20	Graph Manifold Clustering based Band Selection for Hyperspectral Face Recognition. , 2018, , .		8
21	Band selection of hyperspectral image by sparse manifold clustering. IET Image Processing, 2019, 13, 1625-1635.	1.4	8
22	Assessment of climate change impact on temperature extremes in a tropical region with the climate projections from CMIP6 model. Climate Dynamics, 2023, 60, 603-622.	1.7	8
23	A Regional Approach of Decadal Assessment of Extreme Precipitation Estimates: A Case Study in the Yangtze River Basin, China. Pure and Applied Geophysics, 2020, 177, 1079-1093.	0.8	7
24	Noise robust estimation of number of endmembers in a hyperspectral image by Eigenvalue based gap index. , 2016, , .		6
25	Hyperspectral Unmixing by Nuclear Norm Difference Maximization based Dictionary Pruning. , 2017, , .		6
26	Assessing the Regional Concept with Sub-Sampling Approach to Identify Probability Distribution for at-Site Hydrological Frequency Analysis. Water Resources Management, 2020, 34, 803-817.	1.9	6
27	Identifying meaningful covariates that can improve the interpolation of monsoon rainfall in a low-lying tropical region. International Journal of Climatology, 2022, 42, 1500-1515.	1.5	6
28	Sparsity Regularized Deep Subspace Clustering for Multicriterion-Based Hyperspectral Band Selection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4264-4278.	2.3	6
29	Rice yield responses in Bangladesh to large-scale atmospheric oscillation using multifactorial model. Theoretical and Applied Climatology, 2021, 146, 29-44.	1.3	5
30	Comparison between observed and remotely sensed attributes to include in the region-of-influence approach of extreme precipitation estimation: a case study in the Yangtze River basin, China. Hydrological Sciences Journal, 2021, 66, 1777-1789.	1.2	5
31	Estimation of number of endmembers in a Hyperspectral image using Eigen thresholding. , 2015, , .		4
32	Efficient tensor decomposition approach for estimation of the number of endmembers in a hyperspectral image. Journal of Applied Remote Sensing, 2020, 14, 1.	0.6	4
33	An aggregative fuzzy risk analysis for flood incident management. International Journal of Systems Assurance Engineering and Management, 2011, 2, 31-40.	1.5	3
34	Performance of a multi-parameter distribution in the estimation of extreme rainfall in tropical monsoon climate conditions. Natural Hazards, 0, , 1.	1.6	3
35	Library-aided bilinear unmixing of hyperspectral image using subspace clustering and multistep pruning. Journal of Applied Remote Sensing, 2019, 13, 1.	0.6	3
36	Feature extraction approach for quality assessment of remotely sensed hyperspectral images. Journal of Applied Remote Sensing, 2020, 14, 1.	0.6	3

#	ARTICLE	IF	CITATIONS
37	Combining Pixel Selection with Covariance Similarity Approach in Hyperspectral Face Recognition. , 2018, , .		1
38	An assessment of temporal effect on extreme rainfall estimates. Proceedings of the International Association of Hydrological Sciences, 0, 379, 145-150.	1.0	0