Samiran Das

List of Publications by Year
in descending order

38 papers	**707** citations
687363 **13** h-index	580821 **25** g-index
40 all docs	**40** docs citations
40 times ranked	**596** citing authors

#	Article	IF	Citations
1	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.	3.8	8
2	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.	3.5	6
3	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.	4.9	6
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. Journal of Hydrology, 2022, 610, 128002.	5.4	28
5	Hyperspectral image, video compression using sparse tucker tensor decomposition. IET Image Processing, 2021, 15, 964-973.	2.5	21
6	Rice yield responses in Bangladesh to large-scale atmospheric oscillation using multifactorial model. Theoretical and Applied Climatology, 2021, 146, 29-44.	2.8	5
7	Assessment of mapping of annual average rainfall in a tropical country like Bangladesh: remotely sensed output vs. kriging estimate. Theoretical and Applied Climatology, 2021, 146, 111-123.	2.8	18
8	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.	2.6	5
9	Extreme rainfall estimation at ungauged locations: Information that needs to be included in low-lying monsoon climate regions like Bangladesh. Journal of Hydrology, 2021, 601, 126616.	5.4	27
10	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.	1.9	7
11	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.	3.9	6
12	Comparison of mapping approaches for estimating extreme precipitation of any return period at ungauged locations. Stochastic Environmental Research and Risk Assessment, 2020, 34, 1175-1196.	4.0	13
13	Efficient tensor decomposition approach for estimation of the number of endmembers in a hyperspectral image. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	4
14	Feature extraction approach for quality assessment of remotely sensed hyperspectral images. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	3
15	Sparsity measure based library aided unmixing of hyperspectral image. IET Image Processing, 2019, 13, 2077-2085.	2.5	18
16	Covariance Similarity Approach for Semiblind Unmixing of Hyperspectral Image. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 937-941.	3.1	17
17	Fast Linear Unmixing of Hyperspectral Image by Slow Feature Analysis and Simplex Volume Ratio Approach. , 2019, , .		11
18	Extreme rainfall estimation at ungauged sites: Comparison between region-of-influence approach of regional analysis and spatial interpolation technique. International Journal of Climatology, 2019, 39, 407-423.	3.5	29

#	ARTICLE	IF	CITATIONS
19	Band selection of hyperspectral image by sparse manifold clustering. IET Image Processing, 2019, 13, 1625-1635.	2.5	8
20	Library-aided bilinear unmixing of hyperspectral image using subspace clustering and multistep pruning. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	3
21	Goodness-of-Fit Tests for Generalized Normal Distribution for Use in Hydrological Frequency Analysis. Pure and Applied Geophysics, 2018, 175, 3605-3617.	1.9	8
22	Fast Semi-Supervised Unmixing of Hyperspectral Image by Mutual Coherence Reduction and Recursive PCA. Remote Sensing, 2018, 10, 1106.	4.0	19
23	Combining Pixel Selection with Covariance Similarity Approach in Hyperspectral Face Recognition. , 2018, , .		1
24	Graph Manifold Clustering based Band Selection for Hyperspectral Face Recognition. , 2018, , .		8
25	Assessment of trace elements of groundwater and their spatial distribution in Rangpur district, Bangladesh. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	67
26	Performance of regionâ€ofâ€influence approach of frequency analysis of extreme rainfall in monsoon climate conditions. International Journal of Climatology, 2017, 37, 612-623.	3.5	19
27	An assessment of using subsampling method in selection of a flood frequency distribution. Stochastic Environmental Research and Risk Assessment, 2017, 31, 2033-2045.	4.0	9
28	Hydrological Appraisal of Climate Change Impacts on the Water Resources of the Xijiang Basin, South China. Water (Switzerland), 2017, 9, 793.	2.7	14
29	Hyperspectral Unmixing by Nuclear Norm Difference Maximization based Dictionary Pruning. , 2017, , .		6
30	Convex Set Based Abundance Constrained Unmixing of Hyperspectral Image. , 2017, , .		8
31	Characterization of groundwater quality using water evaluation indices, multivariate statistics and geostatistics in central Bangladesh. Water Science, 2016, 30, 19-40.	1.6	247
32	Noise robust estimation of number of endmembers in a hyperspectral image by Eigenvalue based gap index. , 2016, , .		6
33	Estimation of number of endmembers in a Hyperspectral image using Eigen thresholding. , 2015, , .		4
34	Performance of flood frequency pooling analysis in a low CV context. Hydrological Sciences Journal, 2012, 57, 433-444.	2.6	18
35	Examination of homogeneity of selected Irish pooling groups. Hydrology and Earth System Sciences, 2011, 15, 819-830.	4.9	24
36	An aggregative fuzzy risk analysis for flood incident management. International Journal of Systems Assurance Engineering and Management, 2011, 2, 31-40.	2.4	3

#	ARTICLE	IF	CITATIONS
37	Performance of a multi-parameter distribution in the estimation of extreme rainfall in tropical monsoon climate conditions. Natural Hazards, 0, , 1.	3.4	3
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