

Arati Paul

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

259
citations

840776

11
h-index

940533

16
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26
all docs

26
docs citations

26
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Band selection in hyperspectral imagery using spatial cluster mean and genetic algorithms. <i>GIScience and Remote Sensing</i> , 2015, 52, 643-659.	5.9	38
2	SSNET: an improved deep hybrid network for hyperspectral image classification. <i>Neural Computing and Applications</i> , 2021, 33, 1575-1585.	5.6	28
3	Dimensionality Reduction of Hyperspectral Images Using Pooling. <i>Pattern Recognition and Image Analysis</i> , 2019, 29, 72-78.	1.0	24
4	Band selection using spectral and spatial information in particle swarm optimization for hyperspectral image classification. <i>Soft Computing</i> , 2022, 26, 2819-2834.	3.6	21
5	Application and comparison of advanced supervised classifiers in extraction of water bodies from remote sensing images. <i>Sustainable Water Resources Management</i> , 2018, 4, 905-919.	2.1	18
6	Dimensionality Reduction Using Band Correlation and Variance Measure from Discrete Wavelet Transformed Hyperspectral Imagery. <i>Annals of Data Science</i> , 2021, 8, 261-274.	3.2	18
7	Trend analysis of time series rainfall data using robust statistics. <i>Journal of Water and Climate Change</i> , 2017, 8, 691-700.	2.9	15
8	Wavelet enabled convolutional autoencoder based deep neural network for hyperspectral image denoising. <i>Multimedia Tools and Applications</i> , 2022, 81, 2529-2555.	3.9	14
9	Dimensionality reduction of hyperspectral image using signal entropy and spatial information in genetic algorithm with discrete wavelet transformation. <i>Evolutionary Intelligence</i> , 2021, 14, 1793-1802.	3.6	13
10	Supervised data-driven approach for hyperspectral band selection using quantization. <i>Geocarto International</i> , 2022, 37, 2312-2322.	3.5	12
11	Classification of hyperspectral imagery using spectrally partitioned HyperUnet. <i>Neural Computing and Applications</i> , 2022, 34, 2073-2082.	5.6	12
12	Estimation of net surface radiation from eddy flux tower measurements using artificial neural network for cloudy skies. <i>Sustainable Environment Research</i> , 2016, 26, 44-50.	4.2	7
13	Estimation of Shade Tree Density in Tea Garden using Remote Sensing Images and Deep Convolutional Neural Network. <i>Journal of Spatial Science</i> , 2023, 68, 415-429.	1.5	7
14	Spatial progression of estate property management system with customized freeware GIS. <i>International Journal of Information Technology (Singapore)</i> , 2019, 11, 341-344.	2.7	6
15	Dimensionality Reduction of Hyperspectral Images: A Data-Driven Approach for Band Selection. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 11-27.	0.6	6
16	WebGIS Enabled Facility Mapping and Identification - A Cost Effective Solution. <i>International Journal of Computer Applications</i> , 2018, 180, 41-44.	0.2	3
17	TARGET DETECTION USING DLR EARTH SENSING IMAGING SPECTROMETER (DESI) DATA. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLVI-1/W1-2021, 57-64.	0.2	3
18	Brick kiln detection in remote sensing imagery using deep neural network and change analysis. <i>Spatial Information Research</i> , 2022, 30, 607-616.	2.2	3

#	ARTICLE	IF	CITATIONS
19	Standalone Open-Source GIS-Based Tools for Land and Water Resource Development Plan Generation. Springer Remote Sensing/photogrammetry, 2017, , 23-34.	0.4	2
20	Open Source Geospatial Solution for Disseminating Green Park Information. Journal of Information Technology and Computer Science, 2019, 4, 57-63.	0.2	2
21	Application of web enabled open source geospatial technologies in generation of water resource development plan. International Journal of Hydrology Science and Technology, 2020, 1, 1.	0.3	2
22	Open-Source Geospatial Technology for Coastal Asset Mapping and Management. , 0, , .		2
23	Change detection of linear features in temporally spaced remotely sensed images using edge based grid analysis. Geocarto International, 0, , 1-28.	3.5	1
24	Estimating electrification using multi-temporal DMSP/OLS night imagery as proxy measure of human well-being in India. Spatial Information Research, 2020, 28, 469-473.	2.2	1
25	Elephantâ€™railway conflict minimisation using real-time video data and machine learning. Journal of Reliable Intelligent Environments, 2021, 7, 315.	5.2	1
26	Estimation of net surface radiation using eddy flux tower data over a tropical mangrove forest of Sundarban, West Bengal. Geofizika, 2016, 33, 1-14.	0.4	0