

Gnanappazham Lakshmanan

List of Publications by Year in descending order

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14
papers

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1040056

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1199594

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docs citations

15
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242
citing authors

#	ARTICLE	IF	CITATIONS
1	Mangroves of Godavari – Analysis Through Remote Sensing Approach. Wetlands Ecology and Management, 2006, 14, 29-37.	1.5	31
2	Developing a spectral library of mangrove species of Indian east coast using field spectroscopy. Geocarto International, 2015, 30, 580-599.	3.5	29
3	Urban growth prediction using neural network coupled agents-based Cellular Automata model for Sriperumbudur Taluk, Tamil Nadu, India. Egyptian Journal of Remote Sensing and Space Science, 2018, 21, 353-362.	2.0	27
4	Spatiotemporal mixed effects modeling for the estimation of PM _{2.5} from MODIS AOD over the Indian subcontinent. GIScience and Remote Sensing, 2020, 57, 159-173.	5.9	23
5	The dynamics in the distribution of mangrove forests in Pichavaram, South India – perception by user community and remote sensing. Geocarto International, 2011, 26, 475-490.	3.5	19
6	Revealing the socio-economic vulnerability and multi-hazard risks at micro-administrative units in the coastal plains of Tamil Nadu, India. Geomatics, Natural Hazards and Risk, 2021, 12, 605-630.	4.3	19
7	Multiple statistical approaches for the discrimination of mangrove species of <i>Rhizophoraceae</i> using transformed field and laboratory hyperspectral data. Geocarto International, 2016, 31, 891-912.	3.5	17
8	Analysis and Prediction of Urban Growth Using Neural-Network-Coupled Agent-Based Cellular Automata Model for Chennai Metropolitan Area, Tamil Nadu, India. Journal of the Indian Society of Remote Sensing, 2019, 47, 1515-1526.	2.4	16
9	Satellite-based spectral mapping (ASTER and landsat data) of mineralogical signatures of beach sediments: a precursor insight. Geocarto International, 2020, , 1-24.	3.5	16
10	Response of mangroves to the change in tidal and fresh water flow – A case study in Pichavaram, South India. Ocean and Coastal Management, 2014, 102, 131-138.	4.4	11
11	Comparison of Urban Growth Modeling Using Deep Belief and Neural Network Based Cellular Automata Model – A Case Study of Chennai Metropolitan Area, Tamil Nadu, India. Journal of Geographic Information System, 2019, 11, 1-16.	0.5	7
12	Estimation of PM _{2.5} from MODIS Aerosol Optical Depth Over the Indian Subcontinent. Lecture Notes in Civil Engineering, 2020, , 249-262.	0.4	2
13	GIS-based machine learning algorithms for mapping beach placer deposits in the southwest coast of India using Landsat-8 OLI images. Journal of Applied Remote Sensing, 2021, 16, .	1.3	1
14	Geospatial Tools for Mapping and Monitoring Coastal Mangroves. , 2021, , 475-551.		0