

# Gnanappazham Lakshmanan

## List of Publications by Year in descending order

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14  
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1199594

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15  
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15  
docs citations

15  
times ranked

242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geospatial Tools for Mapping and Monitoring Coastal Mangroves. , 2021, , 475-551.		0
2	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
3	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
4	Estimation of PM <sub>2.5</sub> from MODIS Aerosol Optical Depth Over the Indian Subcontinent. Lecture Notes in Civil Engineering, 2020, , 249-262.	0.4	2
5	Spatiotemporal mixed effects modeling for the estimation of PM <sub>2.5</sub> from MODIS AOD over the Indian subcontinent. GIScience and Remote Sensing, 2020, 57, 159-173.	5.9	23
6	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
7	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
8	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
9	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
10	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
11	Developing a spectral library of mangrove species of Indian east coast using field spectroscopy. Geocarto International, 2015, 30, 580-599.	3.5	29
12	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
13	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
14	Mangroves of Godavari – Analysis Through Remote Sensing Approach. Wetlands Ecology and Management, 2006, 14, 29-37.	1.5	31