Jesudasan Jacinth Jennifer

List of Publications by Year
in descending order

18	282	1162889 8	1125617 13
papers	citations	h-index	g-index

18	18	18	214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integration of SAR and multi-spectral imagery in flood inundation mapping â€“ a case study on Kerala floods 2018. ISH Journal of Hydraulic Engineering, 2022, 28, 480-490.	1.1	12
2	Persistent Scatterer Interferometry in the post-event monitoring of the Idukki Landslides. Geocarto International, 2022, 37, 1514-1528.	1.7	10
3	Artificial neural network and sensitivity analysis in the landslide susceptibility mapping of Idukki district, India. Geocarto International, 2022, 37, 5693-5715.	1.7	32
4	Assessing the impact of damage and government response toward the cyclone Gaja in Tamil Nadu, India. , 2021, , 577-590.		8
5	Application of Frequency Ratio and Logistic Regression Model in the Assessment of Landslide Susceptibility Mapping for Nilgiris District, Tamilnadu, India. Indian Geotechnical Journal, 2021, 51, 773-787.	0.7	9
6	Impact of land-use change on soil erosion in the Coonoor Watershed, Nilgiris Mountain Range, Tamil Nadu, India. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	12
7	Application of multi-influence factor (MIF) technique for the identification of suitable sites for urban settlement in Tiruchirappalli City, Tamil Nadu, India. Asia-Pacific Journal of Regional Science, 2021, 5, 797-823.	1.1	17
8	A GIS-based spatially distributed crop water demand modelling for Pullambadi canal command area in lower Cauvery basin, Tamil Nadu, India. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	0
9	Delineation of groundwater potential zone using analytical hierarchy process and GIS for Gundihalla watershed, Karnataka, India. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	22
10	Contribution of SAR-driven displacement measurement in assessing the triggering factors of rainfall-induced landslides. Geocarto International, 2020, , 1-21.	1.7	4
11	GIS-based multi-criteria analysis for identification of potential groundwater recharge zones - a case study from Ponnaniyaru watershed, Tamil Nadu, India. HydroResearch, 2020, 3, 1-14.	1.7	98
12	Mamdani fuzzy based decision support system for prediction of groundwater quality: an application of soft computing in water resources. Environmental Science and Pollution Research, 2020, 27, 25535-25552.	2.7	18
13	Utility of Landsat Data for Assessing Mangrove Degradation in Muthupet Lagoon, South India. , 2019, , 471-484.		18
14	Delineation of Groundwater Potential Zones for Hard Rock Region in Karnataka Using AHP and GIS. Advances in Science, Technology and Innovation, 2019, , 315-317.	0.2	7
15	Impact of Land-use Change on Soil Erosion in the Coonoor Watershed, Nilgiris Mountain Range, Tamil Nadu, India. Advances in Science, Technology and Innovation, 2019, , 109-111.	0.2	5
16	A GIS-Based Spatially Distributed Crop Water Demand Modelling for Pullambadi Canal Command Area in Lower Cauvery Basin, Tamil Nadu, India. Advances in Science, Technology and Innovation, 2019, , 33-35.	0.2	0
17	Cyclone vulnerability assessment of cuddalore coast in Tamil Nadu, India using remote sensing, and GIS. MATEC Web of Conferences, 2018, 229, 02022.	0.1	10
18	Performance of Combination of Texture and Object Based Techniques in Image Classification for Urban Land Cover. IRA-International Journal of Technology & Engineering (ISSN 2455-4480), 2016, 3, .	0.0	0