

# Jesudasan Jacinth Jennifer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1013927/publications.pdf>

Version: 2024-02-01

18  
papers

282  
citations

1162889

8  
h-index

1125617

13  
g-index

18  
all docs

18  
docs citations

18  
times ranked

214  
citing authors

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