

Achu Laila Ashokan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

478
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-criteria decision analysis for delineation of groundwater potential zones in a tropical river basin using remote sensing, GIS and analytical hierarchy process (AHP). <i>Groundwater for Sustainable Development</i> , 2020, 10, 100365.	4.6	106
2	A comparison among fuzzy multi-criteria decision making, bivariate, multivariate and machine learning models in landslide susceptibility mapping. <i>Geomatics, Natural Hazards and Risk</i> , 2021, 12, 1741-1777.	4.3	83
3	Mapping of Groundwater Recharge Potential Zones and Identification of Suitable Site-Specific Recharge Mechanisms in a Tropical River Basin. <i>Earth Systems and Environment</i> , 2020, 4, 131-145.	6.2	53
4	Machine-learning modelling of fire susceptibility in a forest-agriculture mosaic landscape of southern India. <i>Ecological Informatics</i> , 2021, 64, 101348.	5.2	53
5	Spatial modelling of shallow landslide susceptibility: a study from the southern Western Ghats region of Kerala, India.. <i>Annals of GIS</i> , 2020, 26, 113-131.	3.1	32
6	Identification of suitable sites and structures for artificial groundwater recharge for sustainable water resources management in Vamanapuram River Basin, South India. <i>HydroResearch</i> , 2021, 4, 24-37.	3.4	31
7	Preliminary analysis of a catastrophic landslide event on 6 August 2020 at Pettimudi, Kerala State, India. <i>Landslides</i> , 2021, 18, 1459-1463.	5.4	30
8	Landslide susceptibility modelling using integrated evidential belief function based logistic regression method: A study from Southern Western Ghats, India. <i>Remote Sensing Applications: Society and Environment</i> , 2020, 20, 100411.	1.5	26
9	Spatio-Temporal Analysis of Road Accident Incidents and Delineation of Hotspots Using Geospatial Tools in Thrissur District, Kerala, India. <i>KN - Journal of Cartography and Geographic Information</i> , 2019, 69, 255-265.	2.4	19
10	Contamination of Household Open Wells in an Urban Area of Trivandrum, Kerala State, India: A Spatial Analysis of Health Risk Using Geographic Information System. <i>Environmental Health Insights</i> , 2018, 12, 117863021880689.	1.7	12
11	Landslide susceptibility modelling using hybrid bivariate statistical-based machine-learning method in a highland segment of Southern Western Ghats, India. <i>Environmental Earth Sciences</i> , 2022, 81, .	2.7	9
12	Assessment of water quality in a tropical Ramsar wetland of southern India in the wake of COVID-19. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 23, 100604.	1.5	8
13	Understanding the hydrogeochemical processes and physical parameters controlling the groundwater chemistry of a tropical river basin, South India. <i>Environmental Science and Pollution Research</i> , 2022, 29, 23561-23577.	5.3	8
14	Role of Geographic Information System in Assessing Determinants of Cardiovascular Disease: An Experience From a Low- and Middle-Income Country. <i>Asia-Pacific Journal of Public Health</i> , 2018, 30, 351-360.	1.0	5
15	Landslide susceptibility modelling using deep-learning and machine-learning methods-A study from southern Western Ghats, India. , 2021, , .		3
16	Spatial analysis of hypothyroidism and ground water pH in an Urban Area of Kerala using the geographic information system. <i>Indian Journal of Public Health</i> , 2020, 64, 300.	0.6	0