Achu Laila Ashokan

List of Publications by Year
in descending order

16	478	1040056 9	1058476 14
papers	citations	h-index	g-index

17	17	17	313
all docs	docs citations	times ranked	citing authors

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