S Abdul Rahaman

List of Publications by Year
in descending order

27 papers	349 citations	1478280 6 h-index	1199470 12 g-index
27 all docs	27 docs citations	27 times ranked	313 citing authors

#	Article	IF	Citations
1	Prioritization of Sub Watershed Based on Morphometric Characteristics Using Fuzzy Analytical Hierarchy Process and Geographical Information System â€“ A Study of Kallar Watershed, Tamil Nadu. Aquatic Procedia, 2015, 4, 1322-1330.	0.9	117
2	Erosion risk assessment through morphometric indices for prioritisation of Arjuna watershed using ALOS-PALSAR DEM. Modeling Earth Systems and Environment, 2019, 5, 907-924.	1.9	40
3	ESTIMATION OF ANNUAL AVERAGE SOIL LOSS, BASED ON RUSLE MODEL IN KALLAR WATERSHED, BHAVANI BASIN, TAMIL NADU, INDIA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-2/W2, 207-214.	0.0	33
4	Geoinformatics based landslide vulnerable zonation mapping using analytical hierarchy process (AHP), a study of Kallar river sub watershed, Kallar watershed, Bhavani basin, Tamil Nadu. Modeling Earth Systems and Environment, 2017, 3, 1.	1.9	20
5	Tectonoâ€morphological evolution of the Cauvery, Vaigai, and Thamirabarani River basins: Implications on timing, stratigraphic markers, relative roles of intrinsic and extrinsic factors, and transience of Southern Indian landscape. Geological Journal, 2019, 54, 2870-2911.	0.6	18
6	Morphometric attributes-based soil erosion susceptibility mapping in Dnyanganga watershed of India using individual and ensemble models. Environmental Earth Sciences, 2020, 79, 1.	1.3	17
7	A COMPARATIVE STUDY OF ADVANCED LAND USE/LAND COVER CLASSIFICATION ALGORITHMS USING SENTINEL-2 DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5, 665-670.	0.2	17
8	Geospatial Approach on Landslide Hazard Zonation Mapping Using Multicriteria Decision Analysis: A Study on Coonoor and Ooty, Part of Kallar Watershed, The Nilgiris, Tamil Nadu. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-8, 1417-1422.	0.2	15
9	Prioritization of Erosion Prone Micro-Watersheds Using Morphometric Analysis coupled with Multi-Criteria Decision Making. Proceedings (mdpi), 2019, 24, .	0.2	12
10	LAND USE/LAND COVER CHANGES IN SEMI-ARID MOUNTAIN LANDSCAPE IN SOUTHERN INDIA: A GEOINFORMATICS BASED MARKOV CHAIN APPROACH. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-1/W1, 231-237.	0.2	9
11	Habitat Risk Assessment Along Coastal Tamil Nadu, Indiaâ€"An Integrated Methodology for Mitigating Coastal Hazards. , 2019, , 515-542.		8
12	APPLICATION OF REMOTE SENSING AND GOOGLE EARTH ENGINE FOR MONITORING ENVIRONMENTAL DEGRADATION IN THE NILGIRI BIOSPHERE RESERVE AND ITS ECOSYSTEM OF WESTERN GHATS, INDIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B3-2020, 933-940.	0.2	8
13	ECO-ENVIRONMENTAL VULNERABILITY ZONATION IN ESSENCE OF ENVIRONMENTAL MONITORING AND MANAGEMENT. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B5-2020, 149-155.	0.2	7
14	Optimisation of landfill sites for solid waste disposal in Thiruverumbur taluk of Tiruchirappalli district, India. Environmental Earth Sciences, 2020, 79, 1.	1.3	5
15	Natural And Human-Induced Land Degradation And Its Impact Using Geospatial Approach In The Kallar Watershed Of Tamil Nadu, India. Geography, Environment, Sustainability, 2020, 13, 159-175.	0.6	4
16	Discovery of buried historical structures in the Kaveriâ€"Kollidam interfluve, southern India. Archaeological Prospection, 2019, 26, 73-88.	1.1	3
17	SWAT BASED ASSESSMENT AND PREDICTION OF CLIMATE CHANGE AND ITS IMPACT IN THENPENNAI SUB-BASIN OF SOUTH INDIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5, 557-562.	0.2	3
18	Multi-hazard risk assessment of coastal municipalities of Oaxaca, Southwestern Mexico: An index based remote sensing and geospatial technique. International Journal of Disaster Risk Reduction, 2022, 77, 103041.	1.8	3

#	Article	IF	Citations
19	Morphometric assessment of hydrogeomorphic processes and landscape evolution in the Kallar watershed (Western Ghats, India): regionalisation and prioritisation. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	2
20	ESTIMATE THE ANNUAL SOIL LOSS IN KUMMATTIPATTI NADI WATERSHED USING RUSLE MODEL THROUGH GEOSPATIAL TECHNOLOGY. Geodesy and Cartography, 2020, 46, 75-82.	0.2	2
21	SPATIO-TEMPORAL ANALYSIS OF NATURAL HUMAN HABITABILITY ENVIRONMENT ALONG THE COASTAL TALUKS OF TAMIL NADU, INDIA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-5, 439-446.	0.0	2
22	DECADAL TRANSFORMATION OF LAND USE - LAND COVER AND FUTURE SPATIAL EXPANSION IN BANGALORE METROPOLITAN REGION, INDIA: OPEN-SOURCE GEOSPATIAL MACHINE LEARNING APPROACH. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B3-2022, 589-595.	0.2	2
23	FLOOD MONITORING USING SENTINEL-1 SAR DATA: A CASE STUDY BASED ON AN EVENT OF 2018 AND 2019 SOUTHERN PART OF KERALA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIV-M-3-2021, 37-41.	0.2	1
24	Estimation of Forest Tree Heights and Crown Diameter Using High Resolution Images from UAV: A Case Study of Kalesar, Haryana. Lecture Notes in Civil Engineering, 2020, , 253-263.	0.3	1
25	PERFORMANCE ASSESSMENT OF CLASSIFICATION ALGORITHMS FOR LANDUSE / LANDCOVER CHANGE USING SENTINEL 2 DATA â€“ A CASE STUDY OF TIRUPPUR. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIV-M-3-2021, 139-142.	0.2	0
26	Object Based Automatic Detection of Urban Buildings Using UAV Images. Lecture Notes in Civil Engineering, 2020, , 265-278.	0.3	0
27	A Comparative Evaluation of Image Classification Algorithm in a Semi-Arid Region Using Sentinel 2B. , 2021, , .		0