Rajasekhar M

List of Publications by Year
in descending order

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30 papers	679 citations	777949 13 h-index	685536 24 g-index
30 all docs	30 docs citations	30 times ranked	417 citing authors

#	Article	IF	Citations
1	Deciphering groundwater potential zones using AHP and geospatial modelling approaches: a case study from YSR district, Andhra Pradesh, India. International Journal of Energy and Water Resources, 2023, 7, 259-269.	1.3	4
2	Identification of groundwater potential zones in southern India using geospatial and decision-making approaches. Applied Water Science, 2022, 12, 1.	2.8	11
3	Spatial assessment of groundwater quality using CCME-WQI and hydrochemical indices: a case study from Talupula Mandal, Ananthapuramu district, South India. Applied Water Science, 2022, 12, .	2.8	3
4	Geo-environmental monitoring and assessment of land degradation and desertification in the semi-arid regions using Landsat 8 OLI / TIRS, LST, and NDVI approach. Environmental Challenges, 2022, 8, 100578.	2.0	38
5	Land Suitability Analysis for Afforestation in Semi-arid Watershed of Western Ghat, India: A Groundwater Recharge Perspective. , 2021, 5, 136-148.		8
6	Modeling of comparative studies on surface micro morphology of Aeolian, River, Lake, and Beach sand samples using SEM and EDS/EDAX. Materials Today: Proceedings, 2021, 50, 655-655.	0.9	6
7	Multi-criteria Land Suitability Analysis for Agriculture in Semi-Arid Region of Kadapa District, Southern India: Geospatial Approaches. Remote Sensing of Land, 2021, 5, 59-72.	0.9	18
8	A New Approach for Environmental Modelling of LULC Changes in Semi-arid Regions of Anantapur District, Andhra Pradesh, India Using Geospatial Techniques. Nature Environment and Pollution Technology, 2021, 20, .	0.2	4
9	Occurrence and structures of dolomites in North Eastern part of Anantapur district, and their use in engineering materials. Materials Today: Proceedings, 2021, 50, 1005-1005.	0.9	4
10	Assessment and Modeling of Groundwater Potential Zones by using Geospatial and Decision-making approaches: A case study in Anantapur district, Andhra Pradesh, India. Hydrospatial Analysis, 2021, 5, 34-44.	0.5	0
11	Identification of artificial groundwater recharge zones in semi-arid region of southern India using geospatial and integrated decision-making approaches. Environmental Challenges, 2021, 5, 100278.	2.0	10
12	A study of the morphometric analysis and cycle of erosion in WaingangÄ•Basin, India. Modeling Earth Systems and Environment, 2020, 6, 311-327.	1.9	41
13	Identification of groundwater recharge-based potential rainwater harvesting sites for sustainable development of a semiarid region of southern India using geospatial, AHP, and SCS-CN approach. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	68
14	Identification of land degradation hotspots in semiarid region of Anantapur district, Southern India, using geospatial modeling approaches. Modeling Earth Systems and Environment, 2020, 6, 1841-1852.	1.9	30
15	Morphometric analysis of the Jilledubanderu River Basin, Anantapur District, Andhra Pradesh, India, using geospatial technologies. Groundwater for Sustainable Development, 2020, 11, 100434.	2.3	26
16	Data on identification of desertified regions in Anantapur district, Southern India by NDVI approach using remote sensing and GIS. Data in Brief, 2020, 30, 105560.	0.5	21
17	Assessment of Groundwater Contamination with Emphasis on Sulfates, Barites Mining Area, Mangampeta, Andhra Pradesh, India. Lecture Notes in Civil Engineering, 2020, , 307-322.	0.3	5
18	Assessment of groundwater potential zones in parts of the semi-arid region of Anantapur District, Andhra Pradesh, India using GIS and AHP approach. Modeling Earth Systems and Environment, 2019, 5, 1303-1317.	1.9	37

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19	Identification of groundwater potential zones in Mandavi River basin, Andhra Pradesh, India using remote sensing, GIS and MIF techniques. HydroResearch, 2019, 2, 1-11.	1.7	54
20	Delineation of groundwater potential zones in semi-arid region of Jilledubanderu river basin, Anantapur District, Andhra Pradesh, India using fuzzy logic, AHP and integrated fuzzy-AHP approaches. HydroResearch, 2019, 2, 97-108.	1.7	104
21	Assessment of Aeolian Desertification Near Vedavathi River Cannel in Central Part of Andhra Pradesh: Remote Sensing Approach. Remote Sensing of Land, 2019, 3, 39-49.	0.9	10
22	Identification of Suitable Sites for Artificial Groundwater Recharge Structures in Semi-arid region of Anantapur District: AHP Approach. , 2019, 3, 1-11.		16
23	Identification of Groundwater Potential Zones using AHP and Geospatial Techniques in Western Part of Cuddapah Basin, Andhra Pradesh, India. Hydrospatial Analysis, 2019, 3, 60-71.	0.5	4
24	Assessment of heavy metal pollution from the sediment of Tupilipalem Coast, southeast coast of India. International Journal of Sediment Research, 2018, 33, 294-302.	1.8	72
25	Data on artificial recharge sites identified by geospatial tools in semi-arid region of Anantapur District, Andhra Pradesh, India. Data in Brief, 2018, 19, 462-474.	0.5	25
26	Data on comparative studies of lineaments extraction from ASTER DEM, SRTM, and Cartosat for Jilledubanderu River basin, Anantapur district, A.P, India by using remote sensing and GIS. Data in Brief, 2018, 20, 1676-1682.	0.5	29
27	Estimation of Rainfall Runoff using SCS-CN Method with RS and GIS Techniques for Mandavi Basin in YSR Kadapa District of Andhra Pradesh, India. , 2018, 2, 1-15.		14
28	Water Quality Assessment in Terms of Water Quality Index in Gudur Area, Nellore District, Andhra Pradesh. International Journal of Technical Research & Science, 2018, 3, .	0.0	5
29	Delineation of Groundwater Potential Zones of Semi-Arid Region of YSR Kadapa District Andhra Pradesh India using RS GIS and Analytic Hierarchy Process. , 2018, 2, 76-86.		12
30	Assessment of groundwater quality in hard rock terrain of Mandavi River basin, Rayalaseema region, Andhra Pradesh, India. International Journal of Energy and Water Resources, 0, , 1.	1.3	0