N Chandrasekar

List of Publications by Year
in descending order

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64	3,755	159358	128067
papers	citations	30 h-index	60 g-index

64	64	64	2635
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogeochemical processes controlling the groundwater salinity in the coastal aquifers of Southern Tamil Nadu, India. Marine Pollution Bulletin, 2022, 174, 113264.	2.3	17
2	Temporal Trends of Breaker Waves and Beach Morphodynamics Along the Central Tamil Nadu Coast, India. , 2019, , 207-229.		1
3	Assessing the shoreline trend changes in Southern tip of India. Journal of Coastal Conservation, 2019, 23, 283-292.	0.7	7
4	A baseline study on the concentration of trace elements in the surface sediments off Southwest coast of Tamil Nadu, India. Marine Pollution Bulletin, 2018, 126, 381-388.	2.3	20
5	Salinization of shallow aquifer in the Karamaniyar river basin, Southern India. Environment, Development and Sustainability, 2018, 20, 1255-1273.	2.7	9
6	Spatial and temporal correlation between beach and wave processes: implications for barâ€“berm sediment transition. Frontiers of Earth Science, 2018, 12, 349-360.	0.9	7
7	Groundwater Environment of a Tropical East Flowing River of Western Ghats, Southern India. Journal of the Geological Society of India, 2018, 92, 634-644.	0.5	1
8	Hydrochemical characteristics and quality assessment of groundwater along the Manavalakurichi coast, Tamil Nadu, India. Applied Water Science, 2017, 7, 1429-1438.	2.8	53
9	Groundwater quality and its suitability for drinking and irrigational use in the Southern Tiruchirappalli district, Tamil Nadu, India. Applied Water Science, 2017, 7, 411-420.	2.8	128
10	Trace element contamination in the nearshore sediments of the Tamiraparani estuary, Southeast coast of India. Marine Pollution Bulletin, 2017, 116, 508-516.	2.3	18
11	Trace element concentrations in reef associated sediments of Koswari Island, Gulf of Mannar biosphere reserve, southeast coast of India. Marine Pollution Bulletin, 2017, 117, 515-522.	2.3	19
12	Coastal landuse and land cover change and transformations of Kanyakumari coast, India using remote sensing and GIS. Egyptian Journal of Remote Sensing and Space Science, 2017, 20, 169-185.	1.1	63
13	A baseline record of trace elements concentration along the beach placer mining areas of Kanyakumari coast, South India. Marine Pollution Bulletin, 2017, 119, 416-422.	2.3	8
14	Mapping of coastal landforms and volumetric change analysis in the south west coast of Kanyakumari, South India using remote sensing and GIS techniques. Egyptian Journal of Remote Sensing and Space Science, 2017, 20, 265-282.	1.1	38
15	Geospatial risk assessment and trace element concentration in reef associated sediments, northern part of Gulf of Mannar biosphere reserve, Southeast Coast of India. Marine Pollution Bulletin, 2017, 125, 522-529.	2.3	13
16	Data on nearshore wave process and surficial beach deposits, central Tamil Nadu coast, India. Data in Brief, 2017, 13, 306-311.	0.5	5
17	Trace element concentrations in the groundwater of the Tamiraparani river basin, South India: Insights from human health risk and multivariate statistical techniques. Chemosphere, 2017, 185, 468-479.	4.2	77
18	Spatial risk assessment and trace element concentration in reef associated sediments of Van Island, southern part of the Gulf of Mannar, India. Marine Pollution Bulletin, 2017, 115, 444-450.	2.3	31

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19	Shoreline change rate and erosion risk assessment along the Trou Aux Bichesâ€“Mont Choisy beach on the northwest coast of Mauritius using GIS-DSAS technique. Environmental Earth Sciences, 2016, 75, 1.	1.3	65
20	Assessment of soil erosion and sediment yield in the Tamiraparani sub-basin, South India, using an automated RUSLE-SY model. Environmental Earth Sciences, 2016, 75, 1.	1.3	18
21	ONWET: A Simple Integrated Tool for Beach Morphology and Wave Dynamics Analysis. Marine Georesources and Geotechnology, 2016, 34, 581-593.	1.2	3
22	Wave Refraction Pattern and Littoral Sediment Transport along the SE Tamilnadu Coast, India. Journal of Coastal Research, 2015, 300, 291-298.	0.1	8
23	Groundwater classification and its suitability in Kadaladi, Ramanathapuram, India using GIS techniques. Environmental Earth Sciences, 2015, 74, 3263-3285.	1.3	6
24	Evaluation of multiple environmental factors for site-specific groundwater recharge structures in the Vaigai River upper basin, Tamil Nadu, India, using GIS-based weighted overlay analysis. Environmental Earth Sciences, 2015, 74, 4355-4380.	1.3	38
25	Metal concentrations in the growth bands of Porites sp.: A baseline record on the history of marine pollution in the Gulf of Mannar, India. Marine Pollution Bulletin, 2015, 101, 409-416.	2.3	21
26	Geophysical and geochemical approach to identify the groundwater quality in Agastheeswaram Taluk of Kanyakumari District, Tamil Nadu, India. Arabian Journal of Geosciences, 2015, 8, 10647-10663.	0.6	3
27	Mapping of coastal aquifer vulnerable zone in the south west coast of Kanyakumari, South India, using GIS-based DRASTIC model. Environmental Monitoring and Assessment, 2015, 187, 4073.	1.3	73
28	Morphometric analysis of the River Thamirabarani sub-basin in Kanyakumari District, South west coast of Tamil Nadu, India, using remote sensing and GIS. Environmental Earth Sciences, 2015, 73, 7375-7401.	1.3	69
29	Evaluation of coastal erosion and accretion processes along the southwest coast of Kanyakumari, Tamil Nadu using geospatial techniques. Arabian Journal of Geosciences, 2015, 8, 239-253.	0.6	52
30	Mapping of heavy mineral placers through marine GIS expert system: a case study in Kalaignanapuram coastal stretch, southeast coast of Tamil Nadu, India. Arabian Journal of Geosciences, 2015, 8, 195-206.	0.6	5
31	A study on marine notches between Rameswaram and Kanyakumari and their implication on the sea level changes, East coast of India. Arabian Journal of Geosciences, 2015, 8, 2729-2738.	0.6	4
32	Hydro-geochemistry and application of water quality index (WQI) for groundwater quality assessment, Anna Nagar, part of Chennai City, Tamil Nadu, India. Applied Water Science, 2015, 5, 335-343.	2.8	224
33	GIS model-based morphometric evaluation of Tamiraparani subbasin, Tirunelveli district, Tamil Nadu, India. Arabian Journal of Geosciences, 2014, 7, 131-141.	0.6	83
34	Hydrogeochemistry and groundwater quality appraisal of part of south Chennai coastal aquifers, Tamil Nadu, India using WQI and fuzzy logic method. Applied Water Science, 2014, 4, 341-350.	2.8	112
35	Seasonal impact on beach morphology and the status of heavy mineral deposition â€“ central Tamil Nadu coast, India. Journal of Earth System Science, 2014, 123, 135-149.	0.6	9
36	Hydrogeochemical assessment of groundwater quality along the coastal aquifers of southern Tamil Nadu, India. Environmental Earth Sciences, 2014, 71, 4739-4750.	1.3	62

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37	Impacts of wave energy and littoral currents on shoreline erosion/accretion along the south-west coast of Kanyakumari, Tamil Nadu using DSAS and geospatial technology. Environmental Earth Sciences, 2014, 71, 4523-4542.	1.3	79
38	Quality assessment and hydrogeochemical characteristics of groundwater in Agastheeswaram taluk, Kanyakumari district, Tamil Nadu, India. Diqiu Huaxue, 2014, 33, 221-235.	0.5	18
39	Identification of potential groundwater recharge zones in Vaigai upper basin, Tamil Nadu, using GIS-based analytical hierarchical process (AHP) technique. Arabian Journal of Geosciences, 2014, 7, 1385-1401.	0.6	240
40	Hydrochemical characteristics of coastal aquifers of Kadaladi, Ramanathapuram District, Tamilnadu, India. Applied Water Science, 2013, 3, 603-612.	2.8	38
41	Evaluation of groundwater quality in and around Nagercoil town, Tamilnadu, India: an integrated geochemical and GIS approach. Applied Water Science, 2013, 3, 631-651.	2.8	73
42	Groundwater quality assessment using WQI and GIS techniques, Dindigul district, Tamil Nadu, India. Arabian Journal of Geosciences, 2013, 6, 4179-4189.	0.6	118
43	Shoreline change analysis along the coast between Kanyakumari and Tuticorin of India using remote sensing and GIS. Arabian Journal of Geosciences, 2013, 6, 647-664.	0.6	114
44	Trace element contamination in the estuarine sediments along Tuticorin coast â€“ Gulf of Mannar, southeast coast of India. Marine Pollution Bulletin, 2013, 73, 355-361.	2.3	75
45	Temporal and spatial variation in the sediment volume along the beaches between Ovari and Kanyakumari (SE INDIA). International Journal of Sediment Research, 2013, 28, 384-395.	1.8	6
46	Evaluation of spatial variations in groundwater quality by WQI and GIS technique: a case study of Virudunagar District, Tamil Nadu, India. Arabian Journal of Geosciences, 2013, 6, 1883-1898.	0.6	74
47	Geographical information system-based morphometric analysis of Bharathapuzha river basin, Kerala, India. Applied Water Science, 2013, 3, 467-477.	2.8	123
48	Beach dynamics of Colachel open coast, Kanyakumari District (SW India). Zeitschrift FÃ¼r Geomorphologie, 2013, 57, 75-95.	0.3	9
49	Dynamics of coastal landform features along the southern Tamil Nadu of India by using remote sensing and Geographic Information System. Geocarto International, 2012, 27, 347-370.	1.7	10
50	Evaluation of groundwater quality and its suitability for drinking and agricultural use in the coastal stretch of Alappuzha District, Kerala, India. Applied Water Science, 2012, 2, 165-175.	2.8	289
51	Delineation of groundwater potential zones in Theni district, Tamil Nadu, using remote sensing, GIS and MIF techniques. Geoscience Frontiers, 2012, 3, 189-196.	4.3	535
52	Trace Element Concentration in Groundwater, Tuticorin City, Tamil Nadu, India. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 876-879.	1.3	11
53	Hydrogeochemical study of shallow carbonate aquifers, Rameswaram Island, India. Environmental Monitoring and Assessment, 2012, 184, 4127-4138.	1.3	107
54	GIS based morphometric evaluation of Chimmini and Mupily watersheds, parts of Western Ghats, Thrissur District, Kerala, India. Earth Science Informatics, 2012, 5, 111-121.	1.6	56

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55	Luminescence dating of fluvial and coastal red sediments in the SE Coast, India, and implications for paleoenvironmental changes and dune reddening. Quaternary Research, 2012, 77, 468-481.	1.0	26
56	Correlation between coastal geomorphology and tsunami inundation along the coast of Kanyakumari, India. Journal of Ocean University of China, 2012, 11, 1-6.	0.6	8
57	Spatial analysis of trace element contamination in sediments of Tamiraparani estuary, southeast coast of India. Estuarine, Coastal and Shelf Science, 2011, 92, 618-628.	0.9	99
58	An overview of beach morphodynamic classification along the beaches between Ovari and Kanyakumari, Southern Tamilnadu Coast, India. Physical Oceanography, 2011, 21, 129-141.	0.4	16
59	Morphometric evaluation of Papanasam and Manimuthar watersheds, parts of Western Ghats, Tirunelveli district, Tamil Nadu, India: a GIS approach. Environmental Earth Sciences, 2011, 64, 373-381.	1.3	205
60	Trace Elements Contamination in Coral Reef Skeleton, Gulf of Mannar, India. Bulletin of Environmental Contamination and Toxicology, 2010, 84, 141-146.	1.3	24
61	Influence of geomorphology and bathymetry on the effects of the 2004 tsunami at Colachel, South India. Bulletin of Engineering Geology and the Environment, 2010, 69, 431-442.	1.6	14
62	Computer application on evaluating beach sediment erosion and accretion from profile survey data. Computational Geosciences, 2010, 14, 503-508.	1.2	9
63	Grain Size Analysis and Depositional Environment Condition along the Beaches between Ovari and Kanyakumari, Southern Tamilnadu Coast, India. Marine Georesources and Geotechnology, 2010, 28, 288-302.	1.2	7
64	Post-tsunami Assessment in the Coastal Region Between Kanyakumari and Ovari, Tamil Naduâ€"A Case Study. Earth Science Frontiers, 2009, 16, 129-137.	0.5	2