

M Jayaprakash

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,169
citations

361413

20
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

1038
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of heavy metals (Cd, Cr and Pb) in water, sediment and seaweed (<i>Ulva lactuca</i>) in the Pulicat Lake, South East India. <i>Chemosphere</i> , 2008, 71, 1233-1240.	8.2	155
2	Distribution and enrichment of trace metals in marine sediments of Bay of Bengal, off Ennore, south-east coast of India. <i>Environmental Geology</i> , 2008, 56, 207-217.	1.2	120
3	Bioaccumulation of metals in fish species from water and sediments in macrotidal Ennore creek, Chennai, SE coast of India: A metropolitan city effect. <i>Ecotoxicology and Environmental Safety</i> , 2015, 120, 243-255.	6.0	105
4	Environmental impact assessment and seasonal variation study of the groundwater in the vicinity of River Adyar, Chennai, India. <i>Environmental Monitoring and Assessment</i> , 2009, 149, 81-97.	2.7	70
5	Vertical distribution of heavy metals in soil profile in a seasonally waterlogging agriculture field in Eastern Ganges Basin. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 5411-5427.	2.7	67
6	A baseline study of physico-chemical parameters and trace metals in waters of Ennore Creek, Chennai, India. <i>Marine Pollution Bulletin</i> , 2005, 50, 583-589.	5.0	59
7	Acid-leachable trace metals in sediments from an industrialized region (Ennore Creek) of Chennai City, SE coast of India: An approach towards regular monitoring. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 76, 692-703.	2.1	45
8	Assessment of Water Quality Using Chemometric Tools: A Case Study of River Cooum, South India. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 654-669.	4.1	44
9	Geochemical assessment of heavy metals pollution in surface sediments of Vellar and Coleroon estuaries, southeast coast of India. <i>Marine Pollution Bulletin</i> , 2017, 115, 469-479.	5.0	43
10	Assessment of trace element accumulation in surface sediments off Chennai coast after a major flood event. <i>Marine Pollution Bulletin</i> , 2017, 114, 1063-1071.	5.0	40
11	Bioaccumulation of heavy metals in water, sediment, and tissues of major fisheries from Adyar estuary, southeast coast of India: An ecotoxicological impact of a metropolitan city. <i>Marine Pollution Bulletin</i> , 2021, 163, 111964.	5.0	36
12	Water quality of the Uppanar estuary, Southern India: Implications on the level of dissolved nutrients and trace elements. <i>Marine Pollution Bulletin</i> , 2018, 130, 279-286.	5.0	32
13	Accumulation of total trace metals due to rapid urbanization in microtidal zone of Pallikaranai marsh, South of Chennai, India. <i>Environmental Monitoring and Assessment</i> , 2010, 170, 609-629.	2.7	30
14	Assessment of trace metal contamination in a historical freshwater canal (Buckingham Canal), Chennai, India. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 7407-7424.	2.7	28
15	Assessment of Groundwater quality in Krishnagiri and Vellore Districts in Tamil Nadu, India. <i>Applied Water Science</i> , 2017, 7, 1869-1879.	5.6	28
16	Impact of urbanization in groundwater of south Chennai City, Tamil Nadu, India. <i>Environmental Earth Sciences</i> , 2014, 71, 947-957.	2.7	27
17	Identification and evaluation of hydrogeochemical processes on river Cooum, South India. <i>Environmental Monitoring and Assessment</i> , 2010, 162, 277-289.	2.7	24
18	Assessment of trace elements in Yercaud Lake sediments, southern India. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	24

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19	Bioavailable trace metals in micro-tidal Thambraparani estuary, Gulf of Mannar, SE coast of India. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 146, 42-48.	2.1	22
20	Groundwater Quality Assessment Using Chemometric Analysis in the Adyar River, South India. <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 55, 180-190.	4.1	21
21	Evaluation of total trace metal (TTMs) enrichment from estuarine sediments of Uppanar, southeast coast of India. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	19
22	Environmental impact assessment of surface water and groundwater quality due to flood hazard in Adyar River Bank. <i>Acta Ecologica Sinica</i> , 2019, 39, 125-132.	1.9	14
23	Seasonal variations and environmental risk assessment of trace elements in the sediments of Uppanar River estuary, southern India. <i>Marine Pollution Bulletin</i> , 2018, 129, 347-356.	5.0	13
24	The impact of seasonal waterlogging on the depth-wise distribution of major and trace metals in the soils of the eastern Ganges basin. <i>Catena</i> , 2020, 189, 104510.	5.0	13
25	Enrichment and toxicity of trace metals in near-shore bottom sediments of Cuddalore, SE coast of India. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	11
26	Evaluation of Acid Leachable Trace Metals in Soils Around a Five Centuries Old Mining District in Hidalgo, Central Mexico. <i>Water, Air, and Soil Pollution</i> , 2010, 205, 227-236.	2.4	10
27	Trace element contamination in marine sediments along the southeast Indian shelf following Cyclone Gaja. <i>Marine Pollution Bulletin</i> , 2019, 149, 110520.	5.0	10
28	Heavy metal index and geographical information system (GIS) approach to study heavy metal contamination: a case study of north Chennai groundwater. <i>Applied Water Science</i> , 2020, 10, 1.	5.6	9
29	Effect of a tropical cyclone on the distribution of heavy metals in the marine sediments off Kameswaram, Southeast coast of India. <i>Marine Pollution Bulletin</i> , 2021, 171, 112741.	5.0	9
30	Shrinking of Vann Island, Gulf of Mannar, SE coast of India: assessing the impacts. <i>Natural Hazards</i> , 2016, 84, 1529-1538.	3.4	8
31	Geochemical variations of core sediments of Pichavaram Lagoon, southeast coast of Tamil Nadu, India: a provenance and paleoenvironmental study. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	8
32	Appraisal on water chemistry of Manakudy estuary, south west coast, India. <i>Acta Ecologica Sinica</i> , 2021, 41, 463-478.	1.9	8
33	Geochemical study of core sediments from Ennore Creek, North of Chennai, Tamil Nadu, India. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	7
34	Trace metal contamination in the marine sediments off Point Calimere, Southeast coast of India. <i>Marine Pollution Bulletin</i> , 2020, 161, 111764.	5.0	6
35	Shallow sediment physiognomies of Manakudy estuary southwest coast of India. <i>International Journal of Global Environmental Issues</i> , 2018, 17, 64.	0.1	4