

Jonathan M P

List of Publications by Year in descending order

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114
papers

2,884
citations

159358

30
h-index

214527

47
g-index

115
all docs

115
docs citations

115
times ranked

2421
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics in freshwater sediments of Atoyac River basin, Puebla City, Mexico. <i>Science of the Total Environment</i> , 2019, 654, 154-163.	3.9	132
2	Geochemical variations of major and trace elements in recent sediments, off the Gulf of Mannar, the southeast coast of India. <i>Environmental Geology</i> , 2004, 45, 466-480.	1.2	129
3	Microplastics in tourist beaches of Huatulco Bay, Pacific coast of southern Mexico. <i>Marine Pollution Bulletin</i> , 2016, 113, 530-535.	2.3	113
4	Occurrence, distribution and possible sources of organochlorine pesticide residues in tropical coastal environment of India: An overview. <i>Environment International</i> , 2008, 34, 1062-1071.	4.8	110
5	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.	2.9	105
6	Trace metal enrichments in core sediments in Muthupet mangroves, SE coast of India: Application of acid leachable technique. <i>Environmental Pollution</i> , 2007, 145, 245-257.	3.7	90
7	Heavy metals in sediments of the inner shelf off the Gulf of Mannar, South East Coast of India. <i>Marine Pollution Bulletin</i> , 2003, 46, 263-268.	2.3	78
8	Accumulation of Trace Metals by Mangrove Plants in Indian Sundarban Wetland: Prospects for Phytoremediation. <i>International Journal of Phytoremediation</i> , 2015, 17, 885-894.	1.7	76
9	Assessment of acid leachable trace metals in sediment cores from River Uppanar, Cuddalore, Southeast coast of India. <i>Environmental Pollution</i> , 2006, 143, 34-45.	3.7	70
10	Acid leachable trace metals in sediment cores from Sunderban Mangrove Wetland, India: an approach towards regular monitoring. <i>Ecotoxicology</i> , 2010, 19, 405-418.	1.1	60
11	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.	2.3	59
12	Metal concentrations in water and sediments from tourist beaches of Acapulco, Mexico. <i>Marine Pollution Bulletin</i> , 2011, 62, 845-850.	2.3	57
13	Bioremoval of trace metals from rhizosediment by mangrove plants in Indian Sundarban Wetland. <i>Marine Pollution Bulletin</i> , 2017, 124, 1078-1088.	2.3	54
14	Evaluation of trace-metal enrichments from the 26 December 2004 tsunami sediments along the Southeast coast of India. <i>Environmental Geology</i> , 2008, 53, 1711-1721.	1.2	46
15	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.	0.9	45
16	Metal concentrations in sediments from tourist beaches of Miri City, Sarawak, Malaysia (Borneo) <i>Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 1</i>	2.3	44
17	Contamination of Uppanar River and coastal waters off Cuddalore, Southeast coast of India. <i>Environmental Geology</i> , 2008, 53, 1391-1404.	1.2	42
18	Perfluorinated compounds in surficial sediments of the Ganges River and adjacent Sundarban mangrove wetland, India. <i>Marine Pollution Bulletin</i> , 2012, 64, 2829-2833.	2.3	42

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19	Metal enrichment in beach sediments from Chennai Metropolis, SE coast of India. <i>Marine Pollution Bulletin</i> , 2011, 62, 2537-2542.	2.3	40
20	Geochemistry of Neogene sedimentary rocks from Borneo Basin, East Malaysia: Paleo-weathering, provenance and tectonic setting. <i>Chemie Der Erde</i> , 2014, 74, 139-146.	0.8	40
21	Seasonal evidences of microplastics in environmental matrices of a tourist dominated urban estuary in Gulf of Mexico, Mexico. <i>Chemosphere</i> , 2021, 277, 130261.	4.2	40
22	Pollution evaluation of total and acid-leachable trace elements in surface sediments of Hooghly River Estuary and Sundarban Mangrove Wetland (India). <i>Environmental Science and Pollution Research</i> , 2018, 25, 5681-5699.	2.7	38
23	Enrichment of trace metals in surface sediments from the northern part of Point Calimere, SE coast of India. <i>Environmental Geology</i> , 2008, 55, 1811-1819.	1.2	37
24	Bioaccumulation of trace metals in farmed pacific oysters <i>Crassostrea gigas</i> from SW Gulf of California coast, Mexico. <i>Chemosphere</i> , 2017, 187, 311-319.	4.2	36
25	Evaluation of physico-chemical parameters in water and total heavy metals in sediments at Nakdong River Basin, Korea. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	35
26	Metal concentrations and their potential ecological risks in fluvial sediments of Atoyac River basin, Central Mexico: Volcanic and anthropogenic influences. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 1020-1033.	2.9	35
27	Ecological consideration of trace element contamination in sediment cores from Sundarban wetland, India. <i>Environmental Earth Sciences</i> , 2011, 63, 1213-1225.	1.3	33
28	Geochemical fractionation and risk assessment of trace elements in sediments from tide-dominated Hooghly (Ganges) River Estuary, India. <i>Chemical Geology</i> , 2020, 532, 119373.	1.4	33
29	Metal concentrations in demersal fish species from Santa Maria Bay, Baja California Sur, Mexico (Pacific coast). <i>Marine Pollution Bulletin</i> , 2015, 99, 356-361.	2.3	32
30	An integrated study of geochemistry and mineralogy of the Upper Tukai Formation, Borneo Island (East Malaysia): Sediment provenance, depositional setting and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2017, 143, 77-94.	1.0	32
31	Seasonal assessment of trace element contamination in intertidal sediments of the meso-macrotidal Hooghly (Ganges) River Estuary with a note on mercury speciation. <i>Marine Pollution Bulletin</i> , 2018, 127, 117-130.	2.3	32
32	Characteristics of 2004 tsunami deposits of the northern Tamil Nadu coast, southeastern India. <i>Boletin De La Sociedad Geologica Mexicana</i> , 2009, 61, 111-118.	0.1	32
33	A millennial-scale late Pleistocene-Holocene palaeoclimatic record from the western Chihuahuan Desert, Mexico. <i>Boreas</i> , 2012, 41, 707-718.	1.2	31
34	Metal concentration in the tourist beaches of South Durban: An industrial hub of South Africa. <i>Marine Pollution Bulletin</i> , 2017, 117, 538-546.	2.3	31
35	Distribution and Ecosystem Risk Assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in Core Sediments of Sundarban Mangrove Wetland, India. <i>Polycyclic Aromatic Compounds</i> , 2012, 32, 1-26.	1.4	30
36	Mercury levels in human population from a mining district in Western Colombia. <i>Journal of Environmental Sciences</i> , 2018, 68, 83-90.	3.2	30

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37	Occurrence, distribution and provenance of micro plastics: A large scale quantitative analysis of beach sediments from southeastern coast of South Africa. <i>Science of the Total Environment</i> , 2020, 746, 141103.	3.9	30
38	Human-induced ecological changes in western part of Indian Sundarban megadelta: A threat to ecosystem stability. <i>Marine Pollution Bulletin</i> , 2015, 99, 186-194.	2.3	29
39	Comprehensive study on metal contents and their ecological risks in beach sediments of KwaZulu-Natal province, South Africa. <i>Marine Pollution Bulletin</i> , 2019, 149, 110555.	2.3	28
40	Evidences of microplastics in diverse fish species off the Western Coast of Pacific Ocean, Mexico. <i>Ocean and Coastal Management</i> , 2021, 204, 105544.	2.0	26
41	Autoclave decomposition method for metals in soils and sediments. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 2285-2293.	1.3	25
42	Metals and their ecological impact on beach sediments near the marine protected sites of Sodwana Bay and St. Lucia, South Africa. <i>Marine Pollution Bulletin</i> , 2018, 127, 568-575.	2.3	25
43	Detection, provenance and associated environmental risks of water quality pollutants during anomaly events in River Atoyac, Central Mexico: A real-time monitoring approach. <i>Science of the Total Environment</i> , 2019, 669, 1019-1032.	3.9	25
44	Bioaccumulation and trophic transfer of potentially toxic elements in the pelagic thresher shark <i>Alopias pelagicus</i> in Baja California Sur, Mexico. <i>Marine Pollution Bulletin</i> , 2020, 156, 111192.	2.3	24
45	Mercury distribution in different environmental matrices in aquatic systems of abandoned gold mines, Western Colombia: Focus on human health. <i>Journal of Hazardous Materials</i> , 2021, 404, 124080.	6.5	24
46	Cadmium concentration in liver and muscle of silky shark (<i>Carcharhinus falciformis</i>) in the tip of Baja California south, MÃ©xico. <i>Marine Pollution Bulletin</i> , 2016, 107, 389-392.	2.3	23
47	Plastics in marine ecosystem: A review of their sources and pollution conduits. <i>Regional Studies in Marine Science</i> , 2021, 41, 101539.	0.4	23
48	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.	0.9	22
49	Bioavailable metals in tourist beaches of Richards Bay, Kwazulu-Natal, South Africa. <i>Marine Pollution Bulletin</i> , 2016, 105, 430-436.	2.3	22
50	Geochemical characteristics of stream sediments from an urban-volcanic zone, Central Mexico: Natural and man-made inputs. <i>Chemie Der Erde</i> , 2017, 77, 303-321.	0.8	22
51	Trace elements in marine organisms of Magdalena Bay, Pacific Coast of Mexico: Bioaccumulation in a pristine environment. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1075-1089.	1.8	22
52	Removal of heavy metals present in water from the Yautepec River Morelos MÃ©xico, using <i>Opuntia ficus-indica</i> mucilage. <i>Environmental Advances</i> , 2022, 7, 100160.	2.2	22
53	Decadal evolution of a spit in the Baram river mouth in eastern Malaysia. <i>Continental Shelf Research</i> , 2015, 105, 18-25.	0.9	21
54	Bioindicator role of tintinnid (Protozoa: Ciliophora) for water quality monitoring in Kalpakkam, Tamil Nadu, south east coast of India. <i>Marine Pollution Bulletin</i> , 2017, 114, 134-143.	2.3	20

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55	Characterization of As and trace metals embedded in PM10 particles in Puebla City, MÃ©xico. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 55-67.	1.3	19
56	Evidence of Natural and Anthropogenic Impacts on Rainwater Trace Metal Geochemistry in Central Mexico: A Statistical Approach. <i>Water (Switzerland)</i> , 2020, 12, 192.	1.2	19
57	Speciation of selected heavy metals geochemistry in surface sediments from Tirumalairajan river estuary, east coast of India. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 6563-6578.	1.3	18
58	Metal concentrations in the beach sediments of Bahia Solano and NuquÃ­ along the Pacific coast of ChocÃ³, Colombia: A baseline study. <i>Marine Pollution Bulletin</i> , 2018, 135, 1-8.	2.3	18
59	A study on pre- and post-tsunami shallow deposits off SE coast of India from the 2004 Indian Ocean tsunami: a geochemical approach. <i>Natural Hazards</i> , 2010, 52, 391-401.	1.6	17
60	Ostracoda as an aid in identifying 2004 tsunami sediments: a report from SE coast of India. <i>Natural Hazards</i> , 2010, 55, 513-522.	1.6	17
61	Provenance of sediments deposited at paleolake San Felipe, western Sonora Desert: Implications to regimes of summer and winter precipitation during last 50ÃcalÃkyr BP. <i>Journal of Arid Environments</i> , 2012, 81, 47-58.	1.2	17
62	Distribution of chemical forms of mercury in sediments from abandoned ponds created during former gold mining operations in Colombia. <i>Chemosphere</i> , 2020, 258, 127319.	4.2	16
63	Metal concentrations in sediments from tourist beaches of Huatulco, Oaxaca, Mexico: an evaluation of post-Easter week vacation. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	15
64	Understanding the antagonism of Hg and Se in two shark species from Baja California South, MÃ©xico. <i>Science of the Total Environment</i> , 2019, 650, 202-209.	3.9	15
65	Environmental conditions inferred from multi-element concentrations in sediments off Cauvery delta, Southeast India. <i>Environmental Earth Sciences</i> , 2014, 71, 2043-2058.	1.3	14
66	MercuryÃ selenium concentrations in silky sharks (<i>Carcharhinus falciformis</i>) and their toxicological concerns in the southern Mexican Pacific. <i>Marine Pollution Bulletin</i> , 2020, 153, 111011.	2.3	14
67	Metal concentrations in aquatic environments of Puebla River basin, Mexico: natural and industrial influences. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2589-2604.	2.7	13
68	Rare earth element enrichments in beach sediments from Santa Rosalia mining region, Mexico: An index-based environmental approach. <i>Marine Pollution Bulletin</i> , 2022, 174, 113271.	2.3	13
69	Offshore depositional sequence of 2004 tsunami from Chennai, SE coast of India. <i>Natural Hazards</i> , 2012, 62, 1155-1168.	1.6	12
70	Metal enrichment of soils following the April 2012Ã2013 eruptive activity of the Popocatepetl volcano, Puebla, Mexico. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 717.	1.3	12
71	Heavy metals in the volcanic and peri-urban terrain watershed of the River Yautepec, Mexico. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 187.	1.3	12
72	Spatial and seasonal distribution of multi-elements in suspended particulate matter (SPM) in tidally dominated Hooghly river estuary and their ecotoxicological relevance. <i>Environmental Science and Pollution Research</i> , 2020, 27, 12658-12672.	2.7	12

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73	Geological characteristics of 2011 Japan tsunami sediments deposited along the coast of southwestern Mexico. <i>Chemie Der Erde</i> , 2012, 72, 91-95.	0.8	11
74	Enrichment pattern of leachable trace metals in roadside soils of Miri City, Eastern Malaysia. <i>Environmental Earth Sciences</i> , 2014, 72, 1765-1773.	1.3	11
75	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.	1.3	11
76	Geochemical Characterization of Beach Sediments of Miri, NW Borneo, SE Asia: Implications on Provenance, Weathering Intensity, and Assessment of Coastal Environmental Status. , 2019, , 279-330.		11
77	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.	1.1	10
78	Potential toxicity of chemical elements in beach sediments near Santa RosalÃ¡a copper mine, Baja California Peninsula, Mexico. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 180, 91-96.	0.9	10
79	Seasonal tendencies of microplastics around coral reefs in selected Marine Protected National Parks of Gulf of California, Mexico. <i>Marine Pollution Bulletin</i> , 2022, 175, 113333.	2.3	10
80	Evidences of microplastics in Hawassa Lake, Ethiopia: A first-hand report. <i>Chemosphere</i> , 2022, 296, 133979.	4.2	10
81	Evaluation of trace element concentration (acid leachable) in sediments from River PÃ¡nuco and its adjacent lagoon areas, NE MÃ©xico. <i>Environmental Earth Sciences</i> , 2013, 68, 2239-2252.	1.3	9
82	A multi-elemental approach to assess potential contamination in tourist beaches: The case of Loreto Bay (Marine Protected Area), NW Mexico. <i>Marine Pollution Bulletin</i> , 2019, 146, 729-740.	2.3	8
83	Spatial variability of inorganic nutrients and physical parameters in the waters of Bahia Magdalena lagoon, Pacific Coast, Mexico. <i>Acta Ecologica Sinica</i> , 2017, 37, 187-194.	0.9	7
84	Trace metal in beach sediments of Velanganni Coast, South India: application of autoclave leach method. <i>Arabian Journal of Geosciences</i> , 2014, 7, 2655-2665.	0.6	6
85	Evolution of southern Mexican Pacific coastline: Responses to meteo-oceanographic and physiographic conditions. <i>Regional Studies in Marine Science</i> , 2021, 47, 101914.	0.4	6
86	Mercury pollution on tourist beaches in Durban, South Africa: A chemometric analysis of exposure and human health. <i>Marine Pollution Bulletin</i> , 2022, 180, 113742.	2.3	6
87	Field survey report on the 11th March 2011 tsunami in Pacific coast of Mexico. <i>Natural Hazards</i> , 2011, 58, 859-864.	1.6	5
88	Classifying inundation limits in SE coast of India: application of GIS. <i>Natural Hazards</i> , 2013, 65, 2401-2409.	1.6	5
89	Coastal erosion vs man-made protective structures: evaluating a two-decade history from southeastern India. <i>Natural Hazards</i> , 2017, 85, 637-647.	1.6	5
90	Evaluation of climate change adaptation in the energy generation sector in Colombia via a composite index â€” A monitoring tool for government policies and actions. <i>Journal of Environmental Management</i> , 2019, 250, 109453.	3.8	5

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91	Occurrences and ecotoxicological risks of trace metals in the San Benito Archipelago, Eastern Pacific Ocean, Mexico. <i>Ocean and Coastal Management</i> , 2020, 184, 105003.	2.0	5
92	Mercury and selenium concentrations in different tissues of brown smooth-hound shark (<i>Mustelus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 112609.	2.3	5
93	Persistent Organic Pollutants (POPs) in Sediments and Biota in Coastal Environments of India. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , 375-406.	0.3	5
94	Bioaccumulation and trophic transfer of Cd in commercially sought brown smoothhound <i>Mustelus henlei</i> in the western coast of Baja California Sur, Mexico. <i>Marine Pollution Bulletin</i> , 2020, 151, 110879.	2.3	5
95	Mercury, selenium and cadmium in juvenile blue (<i>Prionace glauca</i>) and smooth hammerhead (<i>Sphyrna</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.3	5
96	Depositional features in tourist beaches of Chennai Metropolis, SE coast of India: Inferences from grain size studies. <i>Journal of the Geological Society of India</i> , 2016, 87, 727-736.	0.5	4
97	Evaluation of Decadal Shoreline Changes in the Coastal Region of Miri, Sarawak, Malaysia. , 2019, , 95-119.		4
98	How to stay together? Habitat use by three sympatric sharks in the western coast of Baja California Sur, Mexico. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61685-61697.	2.7	4
99	Identifying key factors of groundwater chemistry in three diverse Landscapes of Central Mexico. <i>Acta Ecologica Sinica</i> , 2021, 41, 130-142.	0.9	3
100	Stable isotopic ($\delta^{2}\text{H}$, $\delta^{18}\text{O}$) monograms of winter precipitation events and hydro-climatic dynamics in Central Mexico. <i>Atmospheric Research</i> , 2021, 261, 105744.	1.8	3
101	Cultural belief and medicinal plants in treating COVID 19 patients of Western Colombia. <i>Acta Ecologica Sinica</i> , 2021, , .	0.9	3
102	Pollution assessment and source apportionment of metals in paddy field of Salem, South India. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	3
103	Multi-hazard risk assessment of coastal municipalities of Oaxaca, Southwestern Mexico: An index based remote sensing and geospatial technique. <i>International Journal of Disaster Risk Reduction</i> , 2022, 77, 103041.	1.8	3
104	Acid leachable trace metals in beach sediments and its adjacent areas, central Tamil Nadu coast, South India. , 2010, , .		2
105	Fate of Dissolved Trace Metals in the Waters of Bahia Magdalena Lagoon, Baja California Sur, MÃ©xico.. <i>Journal of Coastal Research</i> , 2018, 85, 431-435.	0.1	2
106	Evaluation and Management Strategies of Tourist Beaches in the Pacific Coast: A Case Study From Acapulco and Huatulco, Mexico. , 2019, , 79-93.		2
107	Coastline variability of several Latin American cities alongside Pacific Ocean due to the unusual "Sea Swell" events of 2015. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 522.	1.3	2
108	A View on South Africa's KwaZulu-Natal Coast: Stressors and Coastal Management. , 2019, , 121-139.		1

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109	A baseline study of physico-chemical parameters and trace metals in waters of Uppanar River estuary, Tamil Nadu, India. <i>Diqiu Huaxue</i> , 2006, 25, 193-193.	0.5	0
110	Residential Exposure of Environment Toxic Substance Outcome during Menstrual Cycle. <i>American Journal of Environmental Sciences</i> , 2010, 6, 275-279.	0.3	0
111	Environmental assessment of marine sediments off Poombuhar, Southeast Coast of India. <i>International Journal of Environmental Technology and Management</i> , 2014, 17, 469.	0.1	0
112	Evidences for Extreme Wave Events in Velanganni Coast, Southeast of India. <i>Boletin De La Sociedad Geologica Mexicana</i> , 2013, 65, 201-205.	0.1	0
113	Tsunami deposit research in Mexico compels multi-disciplinary approach, not just multi-proxy application. <i>Geofisica International</i> , 2018, 57, .	0.2	0
114	Burning urban cities of South Africa due to civil turmoil 2021: Socio-economic and environmental consequences. <i>Cities</i> , 2022, 124, 103612.	2.7	0