

Mohammad Belal Hossain

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,281
citations

471061

17
h-index

395343

33
g-index

56
all docs

56
docs citations

56
times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of heavy metal pollution, distribution and source apportionment in the sediment from Feni River estuary, Bangladesh. <i>Chemosphere</i> , 2018, 202, 25-32.	4.2	198
2	Bioaccumulation of heavy metals in some commercially important fishes from a tropical river estuary suggests higher potential health risk in children than adults. <i>PLoS ONE</i> , 2019, 14, e0219336.	1.1	109
3	Source of metal contamination in sediment, their ecological risk, and phytoremediation ability of the studied mangrove plants in ship breaking area, Bangladesh. <i>Marine Pollution Bulletin</i> , 2019, 141, 137-146.	2.3	90
4	Baseline study of heavy metal contamination in the Sangu River estuary, Chattogram, Bangladesh. <i>Marine Pollution Bulletin</i> , 2019, 140, 255-261.	2.3	70
5	Spatial distribution and risk assessments due to the microplastics pollution in sediments of Karnaphuli River Estuary, Bangladesh. <i>Scientific Reports</i> , 2022, 12, .	1.6	70
6	Abundance and characteristics of microplastics in sediments from the world's longest natural beach, Cox's Bazar, Bangladesh. <i>Marine Pollution Bulletin</i> , 2021, 163, 111956.	2.3	60
7	Human health risks of Hg, As, Mn, and Cr through consumption of fish, <i>Ticto barb</i> (<i>Puntius ticto</i>) from a tropical river, Bangladesh. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31727-31736.	2.7	48
8	Monitoring the presence of chloramphenicol and nitrofurans metabolites in cultured prawn, shrimp and feed in the Southwest coastal region of Bangladesh. <i>Egyptian Journal of Aquatic Research</i> , 2013, 39, 51-58.	1.0	40
9	Assessment of heavy metal contamination in the surficial sediments from the lower Meghna River estuary, Noakhali coast, Bangladesh. <i>International Journal of Sediment Research</i> , 2021, 36, 384-391.	1.8	39
10	Levels and health risk assessment of heavy metals in dried fish consumed in Bangladesh. <i>Scientific Reports</i> , 2021, 11, 14642.	1.6	36
11	Accumulation of trace elements in selected fish and shellfish species from the largest natural carp fish breeding basin in Asia: a probabilistic human health risk implication. <i>Environmental Science and Pollution Research</i> , 2020, 27, 37852-37865.	2.7	35
12	Metals Bioaccumulation in 15 Commonly Consumed Fishes from the Lower Meghna River and Adjacent Areas of Bangladesh and Associated Human Health Hazards. <i>Toxics</i> , 2022, 10, 139.	1.6	35
13	Metals uptake and translocation in salt marsh macrophytes, <i>Porteresia</i> sp. from Bangladesh coastal area. <i>Science of the Total Environment</i> , 2021, 764, 144637.	3.9	27
14	Phytoremediation of Toxic Metals: A Sustainable Green Solution for Clean Environment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10348.	1.3	27
15	Ecological and Human Health Risk Assessment of Heavy Metals in Cultured Shrimp and Aquaculture Sludge. <i>Toxics</i> , 2022, 10, 175.	1.6	27
16	EDXRF Detection of Trace Elements in Salt Marsh Sediment of Bangladesh and Probabilistic Ecological Risk Assessment. <i>Soil and Sediment Contamination</i> , 2022, 31, 220-239.	1.1	24
17	Contamination levels and ecological risk of heavy metals in sediments from the tidal river Halda, Bangladesh. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	23
18	Microplastics in Sediment of Kuakata Beach, Bangladesh: Occurrence, Spatial Distribution, and Risk Assessment. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	19

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19	Use of Aqua-chemicals in the Hatcheries and Fish Farms of Greater Noakhali, Bangladesh. <i>Asian Journal of Animal and Veterinary Advances</i> , 2013, 8, 401-408.	0.3	18
20	Human health risk assessment of heavy metals in water from the subtropical river, Gomti, Bangladesh. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 15, 100416.	1.7	16
21	Benthic infaunal community structuring in an acidified tropical estuarine system. <i>Aquatic Biosystems</i> , 2014, 10, 11.	1.8	15
22	Vertical distribution and contamination assessment of heavy metals in sediment cores of ship breaking area of Bangladesh. <i>Environmental Geochemistry and Health</i> , 2021, 43, 4235-4249.	1.8	15
23	Screening of Antibacterial and Antifungal Activity of Freshwater and Marine Algae as a Prominent Natural Antibiotic Available in Bangladesh. <i>International Journal of Pharmacology</i> , 2015, 11, 828-833.	0.1	15
24	Growth and Production Performance of Monosex Tilapia (<i>Oreochromis niloticus</i>) Fed with Homemade Feed in Earthen Mini Ponds. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 1781-1785.	0.2	15
25	Human health risk assessment for exposure to heavy metals in finfish and shellfish from a tropical estuary. <i>Journal of King Saud University - Science</i> , 2022, 34, 102035.	1.6	15
26	Spatial distribution, source apportionment, and associated risks of trace metals (As, Pb, Cr, Cd, and Tj) in the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 83-96.	1.8	13
27	Environmental assessment of water and soil contamination in Rajakhali Canal of Karnaphuli River (Bangladesh) impacted by anthropogenic influences: a preliminary case study. <i>Applied Water Science</i> , 2017, 7, 997-1010.	2.8	12
28	Spatial and seasonal distribution of intertidal macrobenthos with their biomass and functional feeding guilds in the Naf River estuary, Bangladesh. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 1010-1023.	0.6	12
29	Trophic functioning of macrobenthic fauna in a tropical acidified Bornean estuary (Southeast Asia). <i>International Journal of Sediment Research</i> , 2019, 34, 48-57.	1.8	10
30	Data set on trace metals in surface sediment and water from a sub-tropical estuarine system, Bay of Bengal, Bangladesh. <i>Data in Brief</i> , 2020, 31, 105911.	0.5	10
31	Ecological and human health risk evaluation using pollution indices: A case study of the largest mangrove ecosystem of Bangladesh. <i>Regional Studies in Marine Science</i> , 2021, 47, 101913.	0.4	10
32	Effects of Stocking Larger-Sized Fish on Water Quality, Growth Performance, and the Economic Yield of Nile Tilapia (<i>Oreochromis niloticus</i> L.) in Floating Cages. <i>Agriculture (Switzerland)</i> , 2022, 12, 942.	1.4	10
33	Protease Producing Bacteria and Activity in Gut of Tiger Shrimp (<i>Penaeus monodon</i>). <i>Journal of Fisheries and Aquatic Science</i> , 2015, 10, 489-500.	0.1	9
34	Present Scenario of Landing and Distribution of Fish in Bangladesh. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 1488-1495.	0.2	9
35	Application of Biofloc Technology for the culture of <i>Heteropneustes fossilis</i> (Bloch) in Bangladesh: stocking density, floc volume, growth performance, and profitability. <i>Aquaculture International</i> , 2022, 30, 1047-1070.	1.1	9
36	Health Condition of a Farmed Tilapia (<i>Oreochromis niloticus</i>) in Earthen Ponds, Northern Bangladesh. <i>Journal of Biological Sciences</i> , 2012, 12, 287-293.	0.1	7

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37	Ecological risk evaluation in bottom-surface sediments and sub-surface water in the subtropical Meghna estuarine system. <i>Heliyon</i> , 2021, 7, e08324.	1.4	7
38	Fish Species Availability and Fishing Gears Used in the Ramnabad River, Southern Bangladesh. <i>Asian Journal of Agricultural Research</i> , 2014, 9, 12-22.	0.4	6
39	Macrobenthic Assemblages, Distribution and Functional Guilds from a Freshwater-Dominated Tropical Estuary. <i>Diversity</i> , 2022, 14, 473.	0.7	6
40	Unravelling the diversity and assemblage of phytoplankton in homestead ponds of central coastal belt, Bangladesh. <i>Aquaculture Research</i> , 2021, 52, 167-184.	0.9	5
41	Biodiversity and Seasonal Abundance of Small Indigenous Fish Species (SIS) in the Rivers and Adjacent Beels of Karimganj (Kishoreganj, Bangladesh). <i>Asian Journal of Animal Sciences</i> , 2014, 8, 38-46.	0.3	5
42	Analyses of Macrobenthos of Hatiya and Nijhum Dweep Islands at Higher Taxonomic Resolution. <i>Journal of Fisheries and Aquatic Science</i> , 2013, 8, 526-534.	0.1	5
43	New record of a wood-boring isopod, <i>Sphaeroma terebrans</i> (Crustacea: Sphaeromatidae) from Sungai Brunei estuary, Brunei Darussalam. <i>Marine Biodiversity Records</i> , 2013, 6, .	1.2	4
44	<i>Nephtys bangladeshi</i> n. sp., a new species of <i>Nephtyidae</i> (Annelida: Phyllodocida) from Bangladesh coastal waters. <i>Zootaxa</i> , 2016, 4079, 41-52.	0.2	4
45	New species <i>Victoriopisa bruneiensis</i> and <i>Apocorophium acutum</i> (Chevreux, 1908) from Brunei (Crustacea: Peracarida: Amphipoda) . <i>Zootaxa</i> , 2016, 4117, 375.	0.2	4
46	Epibenthic community variation along an acidified tropical estuarine system. <i>Regional Studies in Marine Science</i> , 2019, 32, 100888.	0.4	4
47	Community structure of macrobenthos in homestead ponds of Noakhali coast, Bangladesh. <i>Acta Ecologica Sinica</i> , 2021, 41, 611-619.	0.9	3
48	<i>Glycera sheikhmuji</i> n. sp. (Annelida: Polychaeta: Glyceridae): A New Species of Glyceridae from the Saltmarsh of Bangladesh. <i>Diversity</i> , 2020, 12, 213.	0.7	2
49	Phytoplankton Biodiversity in Seasonal Waterlogged Paddy Fields, Bangladesh. <i>Ecologia</i> , 2013, 3, 1-8.	0.3	2
50	Growth Performance and Survival Rate of <i>Macrobrachium rosenbergii</i> (De Man, 1979) Larvae Using Different Doses of Probiotics. <i>Pakistan Journal of Biological Sciences</i> , 2014, 17, 920-924.	0.2	2
51	Chromosomal Studies and Quantitative Karyotypic Analysis of Rohu, <i>Labeo rohita</i> . <i>Pakistan Journal of Biological Sciences</i> , 2014, 17, 490-496.	0.2	1
52	Genetic Variation of Three Populations of Indian Frog (<i>Hoplobatrachus tigerinus</i>) Revealed by Allozyme Marker. <i>International Journal of Zoological Research</i> , 2012, 8, 150-156.	0.6	0
53	Study of Mechanical Effects on the Quality of Fish Feed During Different Stages of Manufacturing. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 865-870.	0.2	0
54	First Record of the Brachyuran Crab, <i>Baruna trigranulum</i> Dai and Song, 1986 (Crustacea: Brachyura: Tj ETQq0 0 0 rgBT /Overlock 10 Tf. 2014, 8, 93-97.	0.3	0

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55	Fish diversity of an agriculturally influenced river in Bangladesh: Current profile, threats and management perspectives. <i>Journal of Environmental Biology</i> , 2018, 39, 777-784.	0.2	0