

# Khandaker Rayhan Mahbub

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

680  
citations

567281

15  
h-index

580821

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

789  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mercury toxicity to terrestrial biota. <i>Ecological Indicators</i> , 2017, 74, 451-462.	6.3	88
2	Bioremediation potential of a highly mercury resistant bacterial strain <i>Sphingobium</i> SA2 isolated from contaminated soil. <i>Chemosphere</i> , 2016, 144, 330-337.	8.2	71
3	Bioremediation of mercury: not properly exploited in contaminated soils!. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 963-976.	3.6	54
4	Bio-augmentation and nutrient amendment decrease concentration of mercury in contaminated soil. <i>Science of the Total Environment</i> , 2017, 576, 303-309.	8.0	43
5	Mercury resistance and volatilization by <i>Pseudoxanthomonas</i> sp. SE1 isolated from soil. <i>Environmental Technology and Innovation</i> , 2016, 6, 94-104.	6.1	41
6	Mercury alters the bacterial community structure and diversity in soil even at concentrations lower than the guideline values. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 2163-2175.	3.6	38
7	Mercury remediation potential of a mercury resistant strain <i>Sphingopyxis</i> sp. SE2 isolated from contaminated soil. <i>Journal of Environmental Sciences</i> , 2017, 51, 128-137.	6.1	33
8	The impact of silver nanoparticles on microbial communities and antibiotic resistance determinants in the environment. <i>Environmental Pollution</i> , 2022, 293, 118506.	7.5	33
9	Development of a whole cell biosensor for the detection of inorganic mercury. <i>Environmental Technology and Innovation</i> , 2017, 8, 64-70.	6.1	27
10	Mercury Inhibits Soil Enzyme Activity in a Lower Concentration than the Guideline Value. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 76-82.	2.7	26
11	Characterization of Antibiotic Resistant <i>Salmonella</i> spp. Isolated from Chicken Eggs of Dhaka City. <i>Journal of Scientific Research</i> , 2010, 3, 191.	0.3	25
12	Regional and oyster microenvironmental scale heterogeneity in the Pacific oyster bacterial community. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	21
13	Long-lasting effect of mercury contamination on the soil microbiota and its co-selection of antibiotic resistance. <i>Environmental Pollution</i> , 2020, 265, 115057.	7.5	19
14	In vitro antibacterial activity of shrimp chitosan against <i>Salmonella paratyphi</i> and <i>Staphylococcus aureus</i> . <i>Journal of Bangladesh Chemical Society</i> , 2012, 24, 185-190.	0.3	17
15	The Sydney rock oyster microbiota is influenced by location, season and genetics. <i>Aquaculture</i> , 2020, 527, 735472.	3.5	17
16	Decolorization of Synthetic Dyes Using Bacteria Isolated from Textile Industry Effluent. <i>Asian Journal of Biotechnology</i> , 2012, 4, 129-136.	0.3	17
17	Quality Analysis of Dhaka WASA Drinking Water: Detection and. <i>Journal of Environmental Science and Natural Resources</i> , 2012, 4, 41-49.	0.2	16
18	As(V) removal from aqueous solution using a low-cost adsorbent coir pith ash: Equilibrium and kinetic study. <i>Environmental Technology and Innovation</i> , 2018, 9, 198-209.	6.1	16

#	ARTICLE	IF	CITATIONS
19	Mercury toxicity to <i>Eisenia fetida</i> in three different soils. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1261-1269.	5.3	15
20	Are the existing guideline values adequate to protect soil health from inorganic mercury contamination?. <i>Environment International</i> , 2018, 117, 10-15.	10.0	15
21	Predicting plant uptake and toxicity of lead (Pb) in long-term contaminated soils from derived transfer functions. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15460-15470.	5.3	11
22	Toxicity of Inorganic Mercury to Native Australian Grass Grown in Three Different Soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 850-855.	2.7	11
23	Protozoal food vacuoles enhance transformation in <i>Vibrio cholerae</i> through SOS-regulated DNA integration. <i>ISME Journal</i> , 2022, 16, 1993-2001.	9.8	9
24	Effect of 10% Concentrations of Salt, Garlic and Coriander on the Quality of Smoked Hilsa Fish ( <i>Tenulosa ilisha</i> ). <i>American Journal of Food Technology</i> , 2012, 7, 501-505.	0.2	5
25	Growth response of <i>Spirulina platensis</i> in papaya skin extract and antimicrobial activities of <i>Spirulina</i> extracts in different culture media. <i>Bangladesh Journal of Scientific and Industrial Research</i> , 2012, 47, 147-152.	0.3	3
26	A simple spectrophotometric method for rapid quantitative screening of arsenic bio-transforming bacteria. <i>Environmental Technology and Innovation</i> , 2020, 19, 100840.	6.1	3
27	Growth response of <i>Aspergillus flavus</i> IMS1103 isolated from poultry feed. <i>Asian Journal of Medical and Biological Research</i> , 2016, 2, 221-228.	0.2	2
28	Dynamics of the Sydney rock oyster microbiota before and during a QX disease event. <i>Aquaculture</i> , 2021, 541, 736821.	3.5	2
29	Microbiological Quality of Street Vended Drinking Water in Dhaka City and Screening for Antibiotics Resistance of Isolated <i>Salmonella</i> spp and <i>Pseudomonas</i> spp. <i>Journal of Scientific Research</i> , 2014, 6, 359-371.	0.3	1
30	Fishing Gears and Crafts Commonly Used at Hatiya Island: A Coastal Region of Bangladesh. <i>Asian Journal of Agricultural Research</i> , 2013, 8, 51-58.	0.4	1
31	The sydney rock oyster microbiome is influenced by local environmental parameters and QX disease resistance. <i>Fish and Shellfish Immunology</i> , 2019, 91, 438.	3.6	0