

# Kaizar Hossain

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

777  
citations

567281

15  
h-index

610901

24  
g-index

32  
all docs

32  
docs citations

32  
times ranked

886  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Adsorption of Rhodamine B dye from aqueous solution onto acid treated banana peel: Response surface methodology, kinetics and isotherm studies. PLoS ONE, 2019, 14, e0216878.  | 2.5 | 98        |
| 2  | Veterinary antibiotics in animal manure and manure laden soil: Scenario and challenges in Asian countries. Journal of King Saud University - Science, 2020, 32, 1300-1305.   | 3.5 | 88        |
| 3  | Statistical optimization for adsorption of Rhodamine B dye from aqueous solutions. Journal of Molecular Liquids, 2019, 281, 48-58.   | 4.9 | 75        |
| 4  | A review on mechanism and future perspectives of cadmium-resistant bacteria. International Journal of Environmental Science and Technology, 2018, 15, 243-262.   | 3.5 | 73        |
| 5  | Bioremediation and Detoxification of Pulp and Paper Mill Effluent: A Review. Research Journal of Environmental Toxicology, 2015, 9, 113-134.   | 1.0 | 64        |
| 6  | Irradiation of wastewater with electron beam is a key to sustainable smart/green cities: a review. Applied Water Science, 2018, 8, 1.  | 5.6 | 41        |
| 7  | Green remediation. Tool for safe and sustainable environment: a review. Applied Water Science, 2017, 7, 2629-2635.   | 5.6 | 40        |
| 8  | Adsorption of cadmium and lead from palm oil mill effluent using bone-composite: optimisation and isotherm studies. International Journal of Environmental Analytical Chemistry, 2019, 99, 707-725.                                    | 3.3 | 40        |
| 9  | Deep learning-based ResNeXt model in phylogenetic studies for future. Algal Research, 2020, 50, 102018.  | 4.6 | 33        |
| 10 | Vulnerabilities of macrophytes distribution due to climate change. Theoretical and Applied Climatology, 2017, 129, 1123-1132.  | 2.8 | 24        |
| 11 | Air quality assessment among populous sites of major metropolitan cities in India during COVID-19 pandemic confinement. Environmental Science and Pollution Research, 2020, 27, 44629-44636.   | 5.3 | 22        |
| 12 | Equilibrium isotherm and kinetic study of the adsorption of organic pollutants of leachate by using micro peat-activated carbon composite media. , 0, 160, 185-192.  |     | 21        |
| 13 | Adsorption of pollutants from palm oil mill effluent using natural adsorbents: optimization and isotherm studies. , 0, 169, 181-190.   |     | 19        |
| 14 | Microbiota of Palm Oil Mill Wastewater in Malaysia. Tropical Life Sciences Research, 2018, 29, 131-163.  | 0.9 | 18        |
| 15 | Climate Change-Perceived Impacts on Agriculture, Vulnerability and Response Strategies for Improving Adaptation Practice in Developing Countries (South Asian Region). International Journal of Agricultural Research, 2015, 11, 1-12. | 0.1 | 17        |
| 16 | Disinfection and reduction of organic load of sewage water by electron beam radiation. Applied Water Science, 2011, 1, 49-56.  | 5.6 | 16        |
| 17 | Appliance of Electron Beam Technology for Disinfection of Sewage Water to Minimize Public Health Risks. European Journal of Sustainable Development (discontinued), 2013, 2, 31-42.  | 0.9 | 15        |
| 18 | Importance of Nanotechnology in Civil Engineering. European Journal of Sustainable Development (discontinued), 2015, 4, 161-166.   | 0.9 | 11        |

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|----|---|-----|-----------|
| 19 | Bioremediation and Detoxification of the Textile Wastewater with Membrane Bioreactor Using the White-rot Fungus and Reuse of Wastewater. Iranian Journal of Biotechnology, 2016, 14, 154-162.       | 0.3 | 10        |
| 20 | Environmental Change And It's Affect. European Journal of Sustainable Development (discontinued), 2014, 3, 89-96.   | 0.9 | 9         |
| 21 | Extraction of Toxic Rhodamine B Dye by Using Organic Solvent: A Statistical Analysis. Research Journal of Environmental Toxicology, 2016, 10, 152-158.  | 1.0 | 9         |
| 22 | Enhancement of biosorption capacity of cyanobacterial strain to remediate heavy metals. , 0, 165, 244-252.  |     | 9         |
| 23 | Impacts of Climate Change on Coastal Communities. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 42-59.  | 0.4 | 6         |
| 24 | Arsenic Fate in the Ground Water and its Effect on Soil-Crop Systems. Research Journal of Environmental Toxicology, 2015, 9, 231-240.   | 1.0 | 5         |
| 25 | Mobility of copper and its microstructure characteristics in contaminated river sediment through stabilization by using cement and rice husk ash. Water and Environment Journal, 2020, 34, 229-238. | 2.2 | 4         |
| 26 | Isolation and characterization of oil-degrading bacteria from marine sediment environment. , 0, 136, 282-289.   |     | 4         |
| 27 | Isolation and characterization of mercury-resistant bacteria from industrial wastewater. , 0, , 128-133.  |     | 4         |
| 28 | Vermicomposting Derived Liquids: Fertigation Potential in Urban Farming. International Journal of Agricultural Research, 2016, 11, 135-142.   | 0.1 | 1         |
| 29 | Giving Waste a Second Chance. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 155-171.  | 0.4 | 1         |
| 30 | Giving Waste a Second Chance. , 2020, , 1287-1303.  |     | 0         |
| 31 | Impacts of Climate Change on Coastal Communities. , 2022, , 1659-1671.  |     | 0         |
| 32 | Environmental toxicity and biodegradability of ionic liquids. , 2022, , 45-60.  |     | 0         |