

# Shahhadat Hossain

## List of Publications by Year in descending order

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15  
papers

277  
citations

1307594

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h-index

1125743

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress of Rare Earth Oxides for Sensor, Detector, and Electronic Device Applications: A Review. ACS Applied Electronic Materials, 2021, 3, 4255-4283.	4.3	69
2	A Review on Optical Applications, Prospects, and Challenges of Rare-Earth Oxides. ACS Applied Electronic Materials, 2021, 3, 3715-3746.	4.3	68
3	Current Applications and Future Potential of Rare Earth Oxides in Sustainable Nuclear, Radiation, and Energy Devices: A Review. ACS Applied Electronic Materials, 2022, 4, 3327-3353.	4.3	61
4	Spatial distribution of radionuclides in agricultural soil in the vicinity of a coal-fired brick kiln. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	22
5	Hydrobiogeochemical evolution along the regional groundwater flow systems in volcanic aquifers in Kumamoto, Japan. Environmental Earth Sciences, 2020, 79, 1.	2.7	10
6	Assessment of the Levels of Pollution and of Their Risks by Radioactivity and Trace Metals on Marine Edible Fish and Crustaceans at the Bay of Bengal (Chattogram, Bangladesh). Environments - MDPI, 2021, 8, 13.	3.3	9
7	Radioactivity in coral skeletons and marine sediments collected from the St. Martin's Island of Bangladesh. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 157-163.	1.5	7
8	Formation of ordered B structure on W(100). Surface Science, 2021, 713, 121906.	1.9	7
9	The presence of radioactive and metal contaminants in wild mushrooms grown in Chattogram hill tracts, Bangladesh. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 173-182.	1.5	6
10	Boron nanostructure formation on Mo(112) surface. Surface Science, 2022, 724, 122145.	1.9	5
11	Heavy metals contamination: possible health risk assessment in highly consumed fish species and water of Karnafuli River Estuary, Bangladesh. Toxicology and Environmental Health Sciences, 2021, 13, 375-388.	2.1	4
12	Spatial Distribution of Heavy Metals in Surface and Sub Surface Sediments of the Coastal Area of Kutubdia Island, Cox's Bazar, Bangladesh. Journal of Environmental Analytical Chemistry, 2017, 04, .	0.3	3
13	The presence of terrestrial radionuclides in the Karnaphuli and Halda river sediments and concomitant hazards to the dwellers. International Journal of Environmental Analytical Chemistry, 0, , 1-11.	3.3	3
14	The presence of toxic metals in tillage soils of Chittagong hill tracts in Bangladesh and the resultant health risk. International Journal of Environmental Analytical Chemistry, 2023, 103, 7666-7685.	3.3	2
15	Surface Relaxation of W(110) and 2D Growth of B Studied by Low Energy Electron Diffraction and Auger Electron Spectroscopy. Proceedings of International Exchange and Innovation Conference on Engineering & Sciences, IEICES, 2020, 6, 7-13.	0.1	0