

# Prabhat Kumar Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10478958/publications.pdf>

Version: 2024-02-01

12  
papers

177  
citations

1478505

6  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic and equilibrium modeling for removal of nitrate from aqueous solutions and drinking water by a potential adsorbent, hydrous bismuth oxide. RSC Advances, 2015, 5, 35365-35376.	3.6	51
2	Exploring untapped energy potential of urban solid waste. Energy, Ecology and Environment, 2016, 1, 323-342.	3.9	31
3	A review of bismuth-based sorptive materials for the removal of major contaminants from drinking water. Environmental Science and Pollution Research, 2020, 27, 17492-17504.	5.3	28
4	Novel Adsorbent Hydrous Bismuth Oxide for the Removal of Nitrate from Aqueous Solutions. Journal of Hazardous, Toxic, and Radioactive Waste, 2015, 19, .	2.0	18
5	Preparation and properties of hydrous bismuth oxides for nitrate removal from aqueous solutions. Desalination and Water Treatment, 2012, 40, 144-152.	1.0	13
6	Synthesis of a novel adsorbent, hydrous bismuth oxide (HBO <sub>2</sub> ) for the removal of fluoride from aqueous solutions. Desalination and Water Treatment, 2015, 55, 604-614.	1.0	13
7	Prospects of Biomethanation in Indian Urban Solid Waste: Stepping Towards a Sustainable Future. Environmental Footprints and Eco-design of Products and Processes, 2016, , 1-29.	1.1	6
8	Engineered hyporheic zones: design and applications in stream health restoration – a review. Water Science and Technology: Water Supply, 2022, 22, 2179-2193.	2.1	6
9	The Potential of Bioenergy Production from Marginalised Lands and Its Effect on Climate Change. Climate Change and Environmental Sustainability, 2016, 4, 7.	0.3	4
10	Adsorptive Properties of Cation Added Hydrous Bismuth Oxide on Nitrate Sorption. Journal of Water Chemistry and Technology, 2019, 41, 283-291.	0.6	3
11	Concurrent removal of nitrate, fluoride and arsenic by mixed hydrous bismuth oxide from water. Journal of Water Supply: Research and Technology - AQUA, 2020, 69, 478-499.	1.4	3
12	Biomethanation Potential of Algal Biomass. , 2017, , 331-346.		1