

# Ashis Biswas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/614996/publications.pdf>

Version: 2024-02-01

26  
papers

1,280  
citations

331670

21  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1332  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemistry of zinc and cadmium in coal waste rock, Elk Valley, British Columbia, Canada. <i>Applied Geochemistry</i> , 2022, 136, 105148.	3.0	8
2	Accumulation of essential and non-essential trace elements in rice grain: Possible health impacts on rice consumers in West Bengal, India. <i>Science of the Total Environment</i> , 2020, 706, 135944.	8.0	50
3	Identification of Histone H3 and H4 Amino Acid Residues Important for the Regulation of Arsenite Stress Signaling in <i>Saccharomyces cerevisiae</i> . <i>Chemical Research in Toxicology</i> , 2020, 33, 817-833.	3.3	4
4	Complexation of Arsenite, Arsenate, and Monothioarsenate with Oxygen-Containing Functional Groups of Natural Organic Matter: An XAS Study. <i>Environmental Science &amp; Technology</i> , 2019, 53, 10723-10731.	10.0	50
5	Arsenic and manganese in shallow tubewells: validation of platform color as a screening tool in Bangladesh. <i>Groundwater for Sustainable Development</i> , 2018, 6, 181-188.	4.6	23
6	Monothioarsenate Transformation Kinetics Determining Arsenic Sequestration by Sulfhydryl Groups of Peat. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7317-7326.	10.0	37
7	Optimisation of laboratory arsenic analysis for groundwaters of West Bengal, India and possible water testing strategy. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 440-452.	3.3	3
8	Biogeochemical phosphorus cycling in groundwater ecosystems – Insights from South and Southeast Asian floodplain and delta aquifers. <i>Science of the Total Environment</i> , 2018, 644, 1357-1370.	8.0	31
9	Geochemical and mineralogical characterization of sulfur and iron in coal waste rock, Elk Valley, British Columbia, Canada. <i>Science of the Total Environment</i> , 2017, 586, 753-769.	8.0	24
10	Geochemistry of arsenic in low sulfide-high carbonate coal waste rock, Elk Valley, British Columbia, Canada. <i>Science of the Total Environment</i> , 2017, 579, 396-408.	8.0	20
11	Reservoirs of Selenium in Coal Waste Rock: Elk Valley, British Columbia, Canada. <i>Environmental Science &amp; Technology</i> , 2015, 49, 8228-8236.	10.0	41
12	An Insight into the Spatio-vertical Heterogeneity of Dissolved Arsenic in Part of the Bengal Delta Plain Aquifer in West Bengal (India)., 2015, , 161-177.		0
13	Organic carbon induced mobilization of iron and manganese in a West Bengal aquifer and the muted response of groundwater arsenic concentrations. <i>Chemical Geology</i> , 2014, 367, 51-62.	3.3	71
14	Role of competing ions in the mobilization of Arsenic in groundwater of Bengal Basin: Insight from surface complexation modeling. <i>Water Research</i> , 2014, 55, 30-39.	11.3	110
15	Arsenic species in raw and cooked rice: Implications for human health in rural Bengal. <i>Science of the Total Environment</i> , 2014, 497-498, 200-208.	8.0	95
16	Spatial, vertical and temporal variation of arsenic in shallow aquifers of the Bengal Basin: Controlling geochemical processes. <i>Chemical Geology</i> , 2014, 387, 157-169.	3.3	49
17	Shallow hydrostratigraphy in an arsenic affected region of Bengal Basin: Implication for targeting safe aquifers for drinking water supply. <i>Science of the Total Environment</i> , 2014, 485-486, 12-22.	8.0	49
18	Arsenic mobilization in the aquifers of three physiographic settings of West Bengal, India: Understanding geogenic and anthropogenic influences. <i>Journal of Hazardous Materials</i> , 2013, 262, 915-923.	12.4	70

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19	Reconstructing the sedimentation history of the Bengal Delta Plain by means of geochemical and stable isotopic data. <i>Applied Geochemistry</i> , 2013, 36, 70-82.	3.0	25
20	Influences of groundwater extraction on the distribution of dissolved As in shallow aquifers of West Bengal, India. <i>Journal of Hazardous Materials</i> , 2013, 262, 941-950.	12.4	25
21	Risk of Arsenic Exposure from Drinking Water and Dietary Components: Implications for Risk Management in Rural Bengal. <i>Environmental Science &amp; Technology</i> , 2013, 47, 1120-1127.	10.0	89
22	Consumption of Brown Rice: A Potential Pathway for Arsenic Exposure in Rural Bengal. <i>Environmental Science &amp; Technology</i> , 2012, 46, 4142-4148.	10.0	72
23	Testing Tubewell Platform Color as a Rapid Screening Tool for Arsenic and Manganese in Drinking Water Wells. <i>Environmental Science &amp; Technology</i> , 2012, 46, 434-440.	10.0	39
24	Hydrogeochemical contrast between brown and grey sand aquifers in shallow depth of Bengal Basin: Consequences for sustainable drinking water supply. <i>Science of the Total Environment</i> , 2012, 431, 402-412.	8.0	114
25	Groundwater chemistry and redox processes: Depth dependent arsenic release mechanism. <i>Applied Geochemistry</i> , 2011, 26, 516-525.	3.0	66
26	Assessment of arsenic exposure from groundwater and rice in Bengal Delta Region, West Bengal, India. <i>Water Research</i> , 2010, 44, 5803-5812.	11.3	115