

# Prosun Bhattacharya

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

225  
papers

10,227  
citations

52  
h-index

94  
g-index

268  
ext. papers

12,340  
ext. citations

6.3  
avg, IF

6.61  
L-index

#	Paper	IF	Citations
225	SARS-CoV-2 phase I transmission and mutability linked to the interplay of climatic variables: a global observation on the pandemic spread.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	1
224	The solid-state partitioning, distribution, and mineralogical associations of arsenic and antimony: Integrated findings from the Altiplano Puna, South America and international comparisons. <i>Journal of South American Earth Sciences</i> , <b>2022</b> , 114, 103713	2	1
223	Introduction to the Special Issue: "The Unique Altiplano-Puna Plateau, Environmental Perspectives" <i>Journal of South American Earth Sciences</i> , <b>2022</b> , 103725	2	1
222	Appraisal of water quality and ecological sensitivity with reference to riverfront development along the River Gomti, India. <i>Applied Water Science</i> , <b>2022</b> , 12, 1	5	2
221	Groundwater fluoride contamination in Ghana and the associated human health risks: Any sustainable mitigation measures to curtail the long term hazards?. <i>Groundwater for Sustainable Development</i> , <b>2022</b> , 16, 100715	6	2
220	Naturally occurring potentially toxic elements in groundwater from the volcanic landscape around Mount Meru, Arusha, Tanzania and their potential health hazard. <i>Science of the Total Environment</i> , <b>2022</b> , 807, 150487	10.2	4
219	Adsorptive removal of fluoride using biochar – A potential application in drinking water treatment. <i>Separation and Purification Technology</i> , <b>2022</b> , 278, 119106	8.3	8
218	Wastewater surveillance of SARS-CoV-2 in Bangladesh: Opportunities and challenges.. <i>Current Opinion in Environmental Science and Health</i> , <b>2022</b> , 27, 100334	8.1	0
217	A Review on Measures to Rejuvenate Immune System: Natural Mode of Protection Against Coronavirus Infection.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 837290	8.4	1
216	Arsenic in Africa: Potential sources, spatial variability, and the state of the art for arsenic removal using locally available materials.. <i>Groundwater for Sustainable Development</i> , <b>2022</b> , 100746	6	5
215	Micro(nano)plastics pollution and human health: A carcinogenesis concern for humans.. <i>Chemosphere</i> , <b>2022</b> , 134267	8.4	11
214	Lead time of early warning by wastewater surveillance for COVID-19: geographical variations and impacting factors.. <i>Chemical Engineering Journal</i> , <b>2022</b> , 135936	14.7	4
213	A Critical Evaluation of the Role of Geotectonics in Groundwater Arsenic Contamination. <i>Springer Natural Hazards</i> , <b>2021</b> , 201-222	0.7	
212	Spatial variability of the sources and distribution of fluoride in groundwater of the Sanya alluvial plain aquifers in northern Tanzania. <i>Science of the Total Environment</i> , <b>2021</b> , 810, 152153	10.2	6
211	Indirect effects of COVID-19 on the environment: How deep and how long?. <i>Science of the Total Environment</i> , <b>2021</b> , 810, 152255	10.2	2
210	Concentrations, source apportionment and potential carcinogenic risks of polycyclic aromatic hydrocarbons (PAHs) in roadside soil.. <i>Chemosphere</i> , <b>2021</b> , 292, 133413	8.4	2
209	Transmission of SARS-Cov-2 and other enveloped viruses to the environment through protective gear: a brief review. <i>Euro-Mediterranean Journal for Environmental Integration</i> , <b>2021</b> , 6, 48	1.7	7

208	Prevalence of SARS-CoV-2 in Communities Through Wastewater Surveillance-a Potential Approach for Estimation of Disease Burden. <i>Current Pollution Reports</i> , <b>2021</b> , 7, 1-7	7.6	16
207	Influence of the water-sediment interaction on the major ions chemistry and fluoride pollution in groundwater of the Older Alluvial Plains of Delhi, India. <i>Journal of Earth System Science</i> , <b>2021</b> , 130, 1	1.8	7
206	Handwashing with soap: A concern for overuse of water amidst the COVID-19 pandemic in Bangladesh. <i>Groundwater for Sustainable Development</i> , <b>2021</b> , 13, 100561	6	12
205	Arsenic biogeochemical cycling in paddy soil-rice system: Interaction with various factors, amendments and mineral nutrients. <i>Science of the Total Environment</i> , <b>2021</b> , 773, 145040	10.2	32
204	Arsenic in Latin America: New findings on source, mobilization and mobility in human environments in 20 countries based on decadal research 2010-2020. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2021</b> , 51, 1727-1865	11.1	31
203	Advanced application of nano-technological and biological processes as well as mitigation options for arsenic removal. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 405, 123885	12.8	22
202	A chronicle of SARS-CoV-2: Seasonality, environmental fate, transport, inactivation, and antiviral drug resistance. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 405, 124043	12.8	46
201	Decay of SARS-CoV-2 RNA along the wastewater treatment outfitted with Upflow Anaerobic Sludge Blanket (UASB) system evaluated through two sample concentration techniques. <i>Science of the Total Environment</i> , <b>2021</b> , 754, 142329	10.2	38
200	The hydrogeochemical evaluation of groundwater resources and their suitability for agricultural and industrial uses in an arid area of Iran. <i>Groundwater for Sustainable Development</i> , <b>2021</b> , 12, 100527	6	21
199	Occurrence, predictors and hazards of elevated groundwater arsenic across India through field observations and regional-scale AI-based modeling. <i>Science of the Total Environment</i> , <b>2021</b> , 759, 143511	10.2	26
198	Geochemical mechanisms of natural arsenic mobility in the hydrogeologic system of Lower Katari Basin, Bolivian Altiplano. <i>Journal of Hydrology</i> , <b>2021</b> , 594, 125778	6	9
197	Arsenic in drinking water sources in the Middle Gangetic Plains in Bihar: An assessment of the depth of wells to ensure safe water supply. <i>Groundwater for Sustainable Development</i> , <b>2021</b> , 12, 100504	6	4
196	Hydrogeochemical contrasts in the shallow aquifer systems of the Lower Katari Basin and Southern Poop Basin, Bolivian Altiplano. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 105, 102914	2	6
195	Never Waste a Crisis: Drawing First Lessons from the COVID-19 Pandemic to Tackle the Water Crisis. <i>ACS ES&amp;T Water</i> , <b>2021</b> , 1, 8-10		13
194	Groundwater quality evaluation using Shannon information theory and human health risk assessment in Yazd province, central plateau of Iran. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 1108-1130	5.1	38
193	Wastewater discharge and surface water contamination pre- and post- COVID 19 global case studies <b>2021</b> , 95-102		0
192	Mercury pollution in the coastal Urmia aquifer in northwestern Iran: potential sources, mobility, and toxicity. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 17546-17562	5.1	22
191	First detection of SARS-CoV-2 genetic material in the vicinity of COVID-19 isolation Centre in Bangladesh: Variation along the sewer network. <i>Science of the Total Environment</i> , <b>2021</b> , 776, 145724	10.2	31

190	Spatial uncertainties in fluoride levels and health risks in endemic fluorotic regions of northern Tanzania. <i>Groundwater for Sustainable Development</i> , <b>2021</b> , 14, 100618	6	9
189	Groundwater resources in the East African Rift Valley: Understanding the geogenic contamination and water quality challenges in Tanzania. <i>Scientific African</i> , <b>2021</b> , 13, e00831	1.7	3
188	Isotopes ( $\text{D}$ , $\text{D}$ and H) variations in groundwater with emphasis on salinization in the state of Punjab, India. <i>Science of the Total Environment</i> , <b>2021</b> , 789, 148051	10.2	18
187	Occurrences of potentially toxic trace metals in groundwater of the state of Punjab in northern India. <i>Groundwater for Sustainable Development</i> , <b>2021</b> , 15, 100655	6	3
186	COVID-19 lockdown impacts on heavy metals and microbes in shallow groundwater and expected health risks in an industrial city of South India. <i>Environmental Nanotechnology, Monitoring and Management</i> , <b>2021</b> , 16, 100472	3.3	5
185	First comparison of conventional activated sludge versus root-zone treatment for SARS-CoV-2 RNA removal from wastewaters: Statistical and temporal significance. <i>Chemical Engineering Journal</i> , <b>2021</b> , 425, 130635	14.7	12
184	Leaching of metal(loid)s from ashes of spent sorbent and stabilisation effect of calcium-rich additives. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 29248-29256	5.1	1
183	Spatial analysis and GIS mapping of regional hotspots and potential health risk of fluoride concentrations in groundwater of northern Tanzania. <i>Science of the Total Environment</i> , <b>2020</b> , 735, 139584	10.2	47
182	The occurrence of arsenic and other trace elements in groundwaters of the southwestern Chaco-Pampean plain, Argentina. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 100, 102547	2	11
181	Spatial dependency of arsenic, antimony, boron and other trace elements in the shallow groundwater systems of the Lower Katari Basin, Bolivian Altiplano. <i>Science of the Total Environment</i> , <b>2020</b> , 719, 137505	10.2	40
180	Future liasing of the lockdown during COVID-19 pandemic: The dawn is expected at hand from the darkest hour. <i>Groundwater for Sustainable Development</i> , <b>2020</b> , 11, 100433	6	9
179	Groundwater hydrochemistry of Rajnandgaon district, Chhattisgarh, Central India. <i>Groundwater for Sustainable Development</i> , <b>2020</b> , 11, 100352	6	10
178	Hydrogeochemical controls on the mobility of arsenic, fluoride and other geogenic co-contaminants in the shallow aquifers of northeastern La Pampa Province in Argentina. <i>Science of the Total Environment</i> , <b>2020</b> , 715, 136671	10.2	52
177	Sources of U and Th in groundwater of the paleobeach aquifer at Cox's Bazar, Southeast Bangladesh. <i>Groundwater for Sustainable Development</i> , <b>2020</b> , 10, 100332	6	4
176	Mobility and redox transformation of arsenic during treatment of artificially recharged groundwater for drinking water production. <i>Water Research</i> , <b>2020</b> , 178, 115826	12.5	19
175	Groundwater contamination by inorganic contaminants in the alluvial plains of Punjab, North-western India <b>2020</b> , 235-236		1
174	A renovative low cost technique for removal of arsenic from groundwater – Integrated field study <b>2020</b> , 255-256		
173	High-fluoride groundwaters in India <b>2020</b> , 193-194		1

172	The governing geochemical processes responsible for mobilisation of arsenic in sedimentary aquifer of Bengal Delta Plain <b>2020</b> , 201-202		
171	Health effects of arsenic exposure in Latin America: An overview of the past eight years of research. <i>Science of the Total Environment</i> , <b>2020</b> , 710, 136071	10.2	51
170	Arsenic reduction to . <i>Environment International</i> , <b>2020</b> , 134, 105253	12.9	60
169	Frontier review on the propensity and repercussion of SARS-CoV-2 migration to aquatic environment.. <i>Journal of Hazardous Materials Letters</i> , <b>2020</b> , 1, 100001	3.3	23
168	A probabilistic-deterministic analysis of human health risk related to the exposure to potentially toxic elements in groundwater of Urmia coastal aquifer (NW of Iran) with a special focus on arsenic speciation and temporal variation. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2020</b> , 35, 1509	3.5	18
167	Impact of phosphate, silicate and natural organic matter on the size of Fe(III) precipitates and arsenate co-precipitation efficiency in calcium containing water. <i>Separation and Purification Technology</i> , <b>2020</b> , 235, 116117	8.3	16
166	Characteristics of Fe and Mn bearing precipitates generated by Fe(II) and Mn(II) co-oxidation with O, MnO and HOCl in the presence of groundwater ions. <i>Water Research</i> , <b>2019</b> , 161, 505-516	12.5	21
165	Treatment of metal (loid) contaminated solutions using iron-peat as sorbent: is landfilling a suitable management option for the spent sorbent?. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 21425-21436	5.1	46
164	Plate tectonics influence on geogenic arsenic cycling: From primary sources to global groundwater enrichment. <i>Science of the Total Environment</i> , <b>2019</b> , 683, 793-807	10.2	38
163	Geogenic Arsenic and Microbial Contamination in Drinking Water Sources: Exposure Risks to the Coastal Population in Bangladesh. <i>Frontiers in Environmental Science</i> , <b>2019</b> , 7,	4.8	19
162	Fluoride occurrence in groundwater systems at global scale and status of defluoridation â State of the art. <i>Groundwater for Sustainable Development</i> , <b>2019</b> , 9, 100223	6	83
161	Concentration of fluoride in groundwater of India: A systematic review, meta-analysis and risk assessment. <i>Groundwater for Sustainable Development</i> , <b>2019</b> , 9, 100224	6	63
160	Arsenic in Argentina: Occurrence, human health, legislation and determination. <i>Science of the Total Environment</i> , <b>2019</b> , 676, 756-766	10.2	53
159	Hydrogeochemical and isotopic signatures for the identification of seawater intrusion in the paleobeach aquifer of Cox's Bazar city and its surrounding area, south-east Bangladesh. <i>Groundwater for Sustainable Development</i> , <b>2019</b> , 9, 100215	6	19
158	Arsenic concentration in groundwater: Archetypal study from South Africa. <i>Groundwater for Sustainable Development</i> , <b>2019</b> , 9, 100246	6	29
157	Arsenic in Argentina: Technologies for arsenic removal from groundwater sources, investment costs and waste management practices. <i>Science of the Total Environment</i> , <b>2019</b> , 690, 778-789	10.2	51
156	Contrasting controls on hydrogeochemistry of arsenic-enriched groundwater in the homologous tectonic settings of Andean and Himalayan basin aquifers, Latin America and South Asia. <i>Science of the Total Environment</i> , <b>2019</b> , 689, 1370-1387	10.2	18
155	Hydrothermal carbonisation of peat-based spent sorbents loaded with metal(loid)s. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 23730-23738	5.1	6

154	Potential arsenic contamination in drinking water sources of Tanzania and its link with local geology <b>2019</b> , 62-63		
153	Arsenic and trace metal mobility in alum shale areas in Sweden <b>2019</b> , 196-200		
152	Characterization of an agricultural site historically polluted by the destruction of arsenic-containing chemical weapons <b>2019</b> , 241-242		1
151	Visual MINTEQ simulation for prediction of the adsorption of arsenic on ferrihydrite <b>2019</b> , 435-436		
150	Identifying the arsenic-safe aquifers of the Ganges Delta: some insights into sustainable aquifer management <b>2019</b> , 627-628		
149	Small-scale piped water supply: end-user inclusive water research in arsenic affected areas in India and Bangladesh (DELTA) <b>2019</b> , 636-637		
148	Integrating policy, system strengthening, research and harmonized services delivery for scaling up drinking water safety in Bangladesh <b>2019</b> , 535-537		
147	Implementation of arsenic mitigation: insights from Araihasar and Matlab –two extensively studied areas in Bangladesh <b>2019</b> , 565-566		
146	Iron coated peat as a sorbent for the simultaneous removal of arsenic and metals from contaminated water <b>2019</b> , 439-440		
145	Sulfur-arsenic interactions and formation of thioarsenic complexes in the environment <b>2019</b> , 210-211		
144	Assessment of environmental and health risks of arsenic in agricultural soils <b>2019</b> , 559-560		
143	Arsenic in Drinking Water: Is 10 µg/L a Safe Limit?. <i>Current Pollution Reports</i> , <b>2019</b> , 5, 1-3	7.6	55
142	How do data-mining models consider arsenic contamination in sediments and variables importance?. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 777	3.1	6
141	Assessment of geothermal water quality for industrial and irrigation purposes in the Unai geothermal field, Gujarat, India. <i>Groundwater for Sustainable Development</i> , <b>2019</b> , 8, 59-68	6	25
140	Environmental arsenic in a changing world. <i>Groundwater for Sustainable Development</i> , <b>2019</b> , 8, 169-171	6	9
139	Hydrochemical assessment with respect to arsenic and other trace elements in the Lower Katari Basin, Bolivian Altiplano. <i>Groundwater for Sustainable Development</i> , <b>2019</b> , 8, 281-293	6	27
138	Groundwater governance in Bangladesh: Established practices and recent trends. <i>Groundwater for Sustainable Development</i> , <b>2019</b> , 8, 69-81	6	18
137	Exploring suitable sites for installing safe drinking water wells in coastal Bangladesh. <i>Groundwater for Sustainable Development</i> , <b>2018</b> , 7, 91-100	6	31

136	Removal of metal(oid)s from contaminated water using iron-coated peat sorbent. <i>Chemosphere</i> , <b>2018</b> , 198, 290-296	8.4	18
135	Radon in the groundwater in the Amman-Zarqa Basin and related environments in Jordan. <i>Groundwater for Sustainable Development</i> , <b>2018</b> , 7, 73-81	6	9
134	Groundwater evolution and its utility in upper Ganges-Yamuna Alluvial plain of Northern India, India: Evidence from solute chemistry and stable isotopes. <i>Groundwater for Sustainable Development</i> , <b>2018</b> , 7, 400-409	6	13
133	Nestedness of bird assemblages along an urbanisation gradient in Central India. <i>Journal of Urban Ecology</i> , <b>2018</b> , 4,	2	2
132	Arsenic Contamination of Groundwater in Indus River Basin of Pakistan. <i>Springer Hydrogeology</i> , <b>2018</b> , 393-403	0.4	7
131	Groundwater Quality of Meghna River Basin Aquifers. <i>Springer Hydrogeology</i> , <b>2018</b> , 307-317	0.4	0
130	Removal of fluoride from water through bacterial-surfactin mediated novel hydroxyapatite nanoparticle and its efficiency assessment: Adsorption isotherm, adsorption kinetic and adsorption Thermodynamics. <i>Environmental Nanotechnology, Monitoring and Management</i> , <b>2018</b> , 9, 18-28	3.3	48
129	Arsenic and manganese in shallow tubewells: validation of platform color as a screening tool in Bangladesh. <i>Groundwater for Sustainable Development</i> , <b>2018</b> , 6, 181-188	6	18
128	Arsenite removal in groundwater treatment plants by sequential Permanganateâ€Ferric treatment. <i>Journal of Water Process Engineering</i> , <b>2018</b> , 26, 221-229	6.7	36
127	The effect of urbanization on the functional and scale-sensitive diversity of bird assemblages in Central India. <i>Journal of Tropical Ecology</i> , <b>2018</b> , 34, 341-350	1.3	4
126	Contaminant transport and fate in freshwater systems â€Integrating the fields of geochemistry, geomorphology and nanotechnology. <i>Groundwater for Sustainable Development</i> , <b>2018</b> , 7, 336-342	6	3
125	Elevated fluoride in groundwater of Siwani Block, Western Haryana, India: A potential concern for sustainable water supplies for drinking and irrigation. <i>Groundwater for Sustainable Development</i> , <b>2018</b> , 7, 410-420	6	43
124	Groundwater arsenic and fluoride in Rajnandgaon District, Chhattisgarh, northeastern India. <i>Applied Water Science</i> , <b>2017</b> , 7, 1817-1826	5	38
123	Medical geology in the framework of the sustainable development goals. <i>Science of the Total Environment</i> , <b>2017</b> , 581-582, 87-104	10.2	57
122	Hydrogeochemical reconnaissance of arsenic cycling and possible environmental risk in hydrothermal systems of Taiwan. <i>Groundwater for Sustainable Development</i> , <b>2017</b> , 5, 1-13	6	25
121	Arsenic concentrations in local aromatic and high-yielding hybrid rice cultivars and the potential health risk: a study in an arsenic hotspot. <i>Environmental Monitoring and Assessment</i> , <b>2017</b> , 189, 184	3.1	26
120	A study of trace element contamination using multivariate statistical techniques and health risk assessment in groundwater of Chhaprola Industrial Area, Gautam Buddha Nagar, Uttar Pradesh, India. <i>Chemosphere</i> , <b>2017</b> , 166, 135-145	8.4	93
119	Biogeochemical Controls on the Release and Accumulation of Mn and As in Shallow Aquifers, West Bengal, India. <i>Frontiers in Environmental Science</i> , <b>2017</b> , 5,	4.8	27

118	Best Practice Guide on the Control of Arsenic in Drinking Water. <i>Water Intelligence Online</i> , <b>2017</b> , 16, 9781780404929		
117	Arsenic remediation of drinking water: an overview <b>2017</b> , 79-98		7
116	Coupling fractionation and batch desorption to understand arsenic and fluoride co-contamination in the aquifer system. <i>Chemosphere</i> , <b>2016</b> , 164, 657-667	8.4	38
115	Solute chemistry and groundwater arsenic enrichment in southern part of Brahmaputra River basin, India, adjacent to Indo-Burmese ranges. <i>Arsenic in the Environment Proceedings</i> , <b>2016</b> , 62-63		
114	Delineating sustainable low-arsenic drinking water sources in South Asia. <i>Arsenic in the Environment Proceedings</i> , <b>2016</b> , 628-629		
113	Occurrence of arsenic in groundwater, soil and sediments in Tanzania. <i>Arsenic in the Environment Proceedings</i> , <b>2016</b> , 88-89		
112	Geochemistry of naturally occurring arsenic in groundwater and surface-water in the southern part of the Poop Lake basin, Bolivian Altiplano. <i>Groundwater for Sustainable Development</i> , <b>2016</b> , 2-3, 104-116	6	21
111	Natural Arsenic in Global Groundwaters: Distribution and Geochemical Triggers for Mobilization. <i>Current Pollution Reports</i> , <b>2016</b> , 2, 68-89	7.6	123
110	Enhancing the capacity of local drillers for installing arsenic-safe drinking water wells—experience from Matlab, Bangladesh. <i>Arsenic in the Environment Proceedings</i> , <b>2016</b> , 630-631		
109	Fluoride in Drinking Water: Health Effects and Remediation. <i>Environmental Chemistry for A Sustainable World</i> , <b>2015</b> , 105-151	0.8	13
108	Hydrogeochemical controls on mobilization of arsenic in groundwater of a part of Brahmaputra river floodplain, India. <i>Journal of Hydrology: Regional Studies</i> , <b>2015</b> , 4, 154-171	3.6	31
107	Groundwater Arsenic in India: Source, Distribution, Effects and Alternate Safe Drinking Water Sources? <b>2015</b> ,		6
106	Arsenic and other trace elements in thermal springs and in cold waters from drinking water wells on the Bolivian Altiplano. <i>Journal of South American Earth Sciences</i> , <b>2015</b> , 60, 10-20	2	42
105	Sustainability of arsenic mitigation interventions—An evaluation of different alternative safe drinking water options provided in Matlab, an arsenic hot spot in Bangladesh. <i>Frontiers in Environmental Science</i> , <b>2015</b> , 3,	4.8	27
104	Fluoride in the environment: sources, distribution and defluoridation. <i>Environmental Chemistry Letters</i> , <b>2015</b> , 13, 131-147	13.3	143
103	Arsenic Distribution and Mobilization: A Case Study of Three Districts of Uttar Pradesh and Bihar (India) <b>2015</b> , 111-123		1
102	Spatial variation of groundwater arsenic distribution in the Chianan Plain, SW Taiwan: Role of local hydrogeological factors and geothermal sources. <i>Journal of Hydrology</i> , <b>2014</b> , 518, 393-409	6	22
101	Microalgae for third generation biofuel production, mitigation of greenhouse gas emissions and wastewater treatment: Present and future perspectives —A mini review. <i>Energy</i> , <b>2014</b> , 78, 104-113	7.9	249



100	Hydrogeological investigation for assessment of the sustainability of low-arsenic aquifers as a safe drinking water source in regions with high-arsenic groundwater in Matlab, southeastern Bangladesh. <i>Journal of Hydrology</i> , <b>2014</b> , 518, 373-392	6	18
99	Sediment color tool for targeting arsenic-safe aquifers for the installation of shallow drinking water tubewells. <i>Science of the Total Environment</i> , <b>2014</b> , 493, 615-25	10.2	44
98	Geochemical processes controlling mobilization of arsenic and trace elements in shallow aquifers and surface waters in the Antequera and Poopímining regions, Bolivian Altiplano. <i>Journal of Hydrology</i> , <b>2014</b> , 518, 421-433	6	28
97	Arsenic species in raw and cooked rice: implications for human health in rural Bengal. <i>Science of the Total Environment</i> , <b>2014</b> , 497-498, 200-208	10.2	68
96	Concentration of arsenic by selected vegetables cultivated in the Yamuna flood plains (YFP) of Delhi, India. <i>Environmental Earth Sciences</i> , <b>2014</b> , 72, 3281-3291	2.9	15
95	Spatial, vertical and temporal variation of arsenic in shallow aquifers of the Bengal Basin: Controlling geochemical processes. <i>Chemical Geology</i> , <b>2014</b> , 387, 157-169	4.2	41
94	Influence of tectonics, sedimentation and aqueous flow cycles on the origin of global groundwater arsenic: Paradigms from three continents. <i>Journal of Hydrology</i> , <b>2014</b> , 518, 284-299	6	64
93	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> , <b>2014</b> , 485-486, 12-22	10.2	35
92	Tectonic-sourced groundwater arsenic in Andean foreland of Argentina. <i>Arsenic in the Environment Proceedings</i> , <b>2014</b> , 22-25		1
91	Crop Depredation by Birds in Deccan Plateau, India. <i>International Journal of Biodiversity</i> , <b>2014</b> , 2014, 1-8		9
90	Provenance and fate of arsenic and other solutes in the Chaco-Pampean Plain of the Andean foreland, Argentina: From perspectives of hydrogeochemical modeling and regional tectonic setting. <i>Journal of Hydrology</i> , <b>2014</b> , 518, 300-316	6	39
89	Role of competing ions in the mobilization of arsenic in groundwater of Bengal Basin: insight from surface complexation modeling. <i>Water Research</i> , <b>2014</b> , 55, 30-9	12.5	89
88	Advanced Oxidation-Coagulation-Filtration (AOCF) – an innovative treatment technology for targeting drinking water with . <i>Arsenic in the Environment Proceedings</i> , <b>2014</b> , 817-819		2
87	Natural arsenic occurrence in drinking water and assessment of water quality in the southern part of the Poopílake basin, Bolivian Altiplano. <i>Arsenic in the Environment Proceedings</i> , <b>2014</b> , 154-156		2
86	Redox-cycling of arsenic along the water pathways in sulfidic metasediment areas in northern Sweden. <i>Applied Geochemistry</i> , <b>2013</b> , 35, 35-43	3.5	8
85	Arsenic mobilization in the aquifers of three physiographic settings of West Bengal, India: understanding geogenic and anthropogenic influences. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 262, 915-23	12.8	52
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