

Brian J Mailloux

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

533
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Advection of surface-derived organic carbon fuels microbial reduction in Bangladesh groundwater. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5331-5335.	7.1	96
2	Megacity pumping and preferential flow threaten groundwater quality. Nature Communications, 2016, 7, 12833.	12.8	96
3	Arsenic contamination of Bangladesh aquifers exacerbated by clay layers. Nature Communications, 2020, 11, 2244.	12.8	68
4	Microbes Enhance Mobility of Arsenic in Pleistocene Aquifer Sand from Bangladesh. Environmental Science & Technology, 2011, 45, 2648-2654.	10.0	64
5	Vulnerability of low-arsenic aquifers to municipal pumping in Bangladesh. Journal of Hydrology, 2016, 539, 674-686.	5.4	54
6	Origin of Groundwater Arsenic in a Rural Pleistocene Aquifer in Bangladesh Depressurized by Distal Municipal Pumping. Water Resources Research, 2020, 56, e2020WR027178.	4.2	31
7	Offshore Freshened Groundwater in Continental Margins. Reviews of Geophysics, 2021, 59, e2020RG000706.	23.0	31
8	Stimulation of Microbially Mediated Arsenic Release in Bangladesh Aquifers by Young Carbon Indicated by Radiocarbon Analysis of Sedimentary Bacterial Lipids. Environmental Science & Technology, 2016, 50, 7353-7363.	10.0	25
9	High-Arsenic Groundwater in the Southwestern Bengal Basin Caused by a Lithologically Controlled Deep Flow System. Geophysical Research Letters, 2019, 46, 13062-13071.	4.0	21
10	Recharge of low-arsenic aquifers tapped by community wells in Araihasar, Bangladesh, inferred from environmental isotopes. Water Resources Research, 2016, 52, 3324-3349.	4.2	19
11	Aquifer-Scale Observations of Iron Redox Transformations in Arsenic-Impacted Environments to Predict Future Contamination. Environmental Science and Technology Letters, 2020, 7, 916-922.	8.7	19
12	Similar retardation of arsenic in gray Holocene and orange Pleistocene sediments: Evidence from field-based column experiments in Bangladesh. Water Research, 2020, 183, 116081.	11.3	9