

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