Amina T Schartup

List of Publications by Year
in descending order

24 papers	1,505 citations	430874 18 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	1592 citing authors

#	Article	IF	Citations
1	Methylmercury as a molecular imposter. Nature Chemistry, 2022, 14, 240-240.	13.6	3
2	Selenium concentration in herring from the Baltic Sea tracks decadal and spatial trends in external sources. Environmental Sciences: Processes and Impacts, 2022, 24, 1319-1329.	3.5	2
3	Arctic mercury cycling. Nature Reviews Earth & Environment, 2022, 3, 270-286.	29.7	60
4	What are the likely changes in mercury concentration in the Arctic atmosphere and ocean under future emissions scenarios?. Science of the Total Environment, 2022, 836, 155477.	8.0	10
5	The Microbiome of Size-Fractionated Airborne Particles from the Sahara Region. Environmental Science & Technology, 2021, 55, 1487-1496.	10.0	12
6	Plastic waste release caused by COVID-19 and its fate in the global ocean. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	264
7	Influence of the Arctic Sea-Ice Regime Shift on Sea-Ice Methylated Mercury Trends. Environmental Science and Technology Letters, 2020, 7, 708-713.	8.7	17
8	A Global Model for Methylmercury Formation and Uptake at the Base of Marine Food Webs. Global Biogeochemical Cycles, 2020, 34, e2019GB006348.	4.9	65
9	Climate change and overfishing increase neurotoxicant in marine predators. Nature, 2019, 572, 648-650.	27.8	142
10	A Model for Methylmercury Uptake and Trophic Transfer by Marine Plankton. Environmental Science & Technology, 2018, 52, 654-662.	10.0	86
11	Deciphering the Role of Water Column Redoxclines on Methylmercury Cycling Using Speciation Modeling and Observations From the Baltic Sea. Global Biogeochemical Cycles, 2018, 32, 1498-1513.	4.9	36
12	Environmental Origins of Methylmercury Accumulated in Subarctic Estuarine Fish Indicated by Mercury Stable Isotopes. Environmental Science & Technology, 2016, 50, 11559-11568.	10.0	60
13	Eutrophication Increases Phytoplankton Methylmercury Concentrations in a Coastal Seaâ€"A Baltic Sea Case Study. Environmental Science & Technology, 2016, 50, 11787-11796.	10.0	71
14	A mass budget for mercury and methylmercury in the Arctic Ocean. Global Biogeochemical Cycles, 2016, 30, 560-575.	4.9	110
15	Future Impacts of Hydroelectric Power Development on Methylmercury Exposures of Canadian Indigenous Communities. Environmental Science & Technology, 2016, 50, 13115-13122.	10.0	41
16	Biogeochemistry: Mercury methylation on ice. Nature Microbiology, 2016, 1, 16165.	13.3	1
17	Seasonal Cycling and Transport of Mercury and Methylmercury in the Turbidity Maximum of the Delaware Estuary. Aquatic Geochemistry, 2016, 22, 313-336.	1.3	33
18	The effect of aqueous speciation and cellular ligand binding on the biotransformation and bioavailability of methylmercury in mercury-resistant bacteria. Biodegradation, 2016, 27, 29-36.	3.0	19

#	Article	IF	Citations
19	Contrasting Effects of Marine and Terrestrially Derived Dissolved Organic Matter on Mercury Speciation and Bioavailability in Seawater. Environmental Science & Technology, 2015, 49, 5965-5972.	10.0	109
20	Freshwater discharges drive high levels of methylmercury in Arctic marine biota. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11789-11794.	7.1	116
21	Sources of water column methylmercury across multiple estuaries in the Northeast U.S.. Marine Chemistry, 2015, 177, 721-730.	2.3	41
22	The Use of a Mercury Biosensor to Evaluate the Bioavailability of Mercury-Thiol Complexes and Mechanisms of Mercury Uptake in Bacteria. PLoS ONE, 2015, 10, e0138333.	2.5	30
23	Sediment-Porewater Partitioning, Total Sulfur, and Methylmercury Production in Estuaries. Environmental Science & Technology, 2014, 48, 954-960.	10.0	63
24	Methylmercury Production in Estuarine Sediments: Role of Organic Matter. Environmental Science & Technology, 2013, 47, 695-700.	10.0	111