

Annika Jahnke

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,841
citations

516215

16
h-index

642321

23
g-index

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all docs

23
docs citations

23
times ranked

2509
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of Biofilm Formation on the Fate and Potential Effects of Microplastic in the Aquatic Environment. <i>Environmental Science and Technology Letters</i> , 2017, 4, 258-267.	3.9	881
2	The global threat from plastic pollution. <i>Science</i> , 2021, 373, 61-65.	6.0	862
3	Reducing Uncertainty and Confronting Ignorance about the Possible Impacts of Weathering Plastic in the Marine Environment. <i>Environmental Science and Technology Letters</i> , 2017, 4, 85-90.	3.9	372
4	Weathering Plastics as a Planetary Boundary Threat: Exposure, Fate, and Hazards. <i>Environmental Science & Technology</i> , 2021, 55, 7246-7255.	4.6	152
5	Effects of Leachates from UV-Weathered Microplastic in Cell-Based Bioassays. <i>Environmental Science & Technology</i> , 2019, 53, 9214-9223.	4.6	91
6	Sensitive Equilibrium Sampling To Study Polychlorinated Biphenyl Disposition in Baltic Sea Sediment. <i>Environmental Science & Technology</i> , 2012, 46, 10114-10122.	4.6	68
7	Silicone passive equilibrium samplers as "chemometers"™ in eels and sediments of a Swedish lake. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 464-472.	1.7	49
8	Conditioning Film and Early Biofilm Succession on Plastic Surfaces. <i>Environmental Science & Technology</i> , 2021, 55, 11006-11018.	4.6	45
9	Strategies for Transferring Mixtures of Organic Contaminants from Aquatic Environments into Bioassays. <i>Environmental Science & Technology</i> , 2016, 50, 5424-5431.	4.6	44
10	Equilibrium Sampling to Determine the Thermodynamic Potential for Bioaccumulation of Persistent Organic Pollutants from Sediment. <i>Environmental Science & Technology</i> , 2014, 48, 11352-11359.	4.6	40
11	One planet: one health. A call to support the initiative on a global science "policy body on chemicals and waste. <i>Environmental Sciences Europe</i> , 2022, 34, 21.	2.6	39
12	Organic Carbon/Water and Dissolved Organic Carbon/Water Partitioning of Cyclic Volatile Methylsiloxanes: Measurements and Polyparameter Linear Free Energy Relationships. <i>Environmental Science & Technology</i> , 2015, 49, 12161-12168.	4.6	30
13	Fate of polychlorinated biphenyls in a contaminated lake ecosystem: Combining equilibrium passive sampling of sediment and water with total concentration measurements of biota. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2463-2474.	2.2	28
14	Effects of leachates from UV-weathered microplastic on the microalgae <i>Scenedesmus vacuolatus</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1469-1479.	1.9	24
15	Temperature Dependence of the Organic Carbon/Water Partition Ratios (K_{OC}) of Volatile Methylsiloxanes. <i>Environmental Science and Technology Letters</i> , 2017, 4, 240-245.	3.9	21
16	Bioavailable Environmental Pollutant Patterns in Sediments from Passive Equilibrium Sampling. <i>Environmental Science & Technology</i> , 2020, 54, 15861-15871.	4.6	20
17	Emerging investigator series: effect-based characterization of mixtures of environmental pollutants in diverse sediments. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 1667-1679.	1.7	17
18	Evaluating the Salting-Out Effect on the Organic Carbon/Water Partition Ratios (K_{OC} and K_{DOC}) of Linear and Cyclic Volatile Methylsiloxanes: Measurements and Polyparameter Linear Free Energy Relationships. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 3098-3108.	1.0	15

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19	Equilibrium sampling of suspended particulate matter as a universal proxy for fish and mussel monitoring. <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113285.	2.9	10
20	Activation of the xenobiotic metabolism and oxidative stress response by mixtures of organic pollutants extracted with in-tissue passive sampling from liver, kidney, brain and blubber of marine mammals. <i>Environment International</i> , 2022, 165, 107337.	4.8	9
21	Transferring mixtures of chemicals from sediment to a bioassay using silicone-based passive sampling and dosing. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1404-1413.	1.7	8
22	Removing Disturbing Matrix Constituents from Biota Extracts from Total Extraction and Silicone-Based Passive Sampling. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2693-2704.	2.2	8
23	Investigating the presence and persistence of volatile methylsiloxanes in Arctic sediments. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 908-917.	1.7	8