Jennifer BrÃ¤unig

List of Publications by Year
in descending order

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30	896	516710	477307
papers	citations	16 h-index	29 g-index

30	30	30	980
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temporal trends of perfluoroalkyl substances in an Australian wastewater treatment plant: A ten-year retrospective investigation. Science of the Total Environment, 2022, 804, 150211.	8.0	15
2	PFAS exposure of humans, animals and the environment: Protocol of an evidence review map and bibliometric analysis. Environment International, 2022, 158, 106973.	10.0	4
3	Thermal processing reduces PFAS concentrations in blue food â€“ A systematic review and meta-analysis. Environmental Pollution, 2022, 304, 119081.	7.5	5
4	Formation and fate of perfluoroalkyl acids (PFAAs) in a laboratory-scale urban wastewater system. Water Research, 2022, 216, 118295.	11.3	7
5	Comparing the Leaching Behavior of Per- and Polyfluoroalkyl Substances from Contaminated Soils Using Static and Column Leaching Tests. Environmental Science & Technology, 2022, 56, 368-378.	10.0	24
6	Electrochemical oxidation processes for PFAS removal from contaminated water and wastewater: fundamentals, gaps and opportunities towards practical implementation. Journal of Hazardous Materials, 2022, 434, 128886.	12.4	28
7	Transformation and fate of pharmaceuticals, personal care products, and per- and polyfluoroalkyl substances during aerobic digestion of anaerobically digested sludge. Water Research, 2022, 219, 118568.	11.3	10
8	Assessment of Mobilization Potential of Per- and Polyfluoroalkyl Substances for Soil Remediation. Environmental Science & Technology, 2022, 56, 10030-10041.	10.0	12
9	An investigation into the long-term binding and uptake of PFOS, PFOA and PFHxS in soil â€“ plant systems. Journal of Hazardous Materials, 2021, 404, 124065.	12.4	22
10	Trial of a novel experimental design to test depuration of PFASs from the edible tissues of Giant Mud Crab following exposure under natural conditions in the wild. Science of the Total Environment, 2021, 758, 143650.	8.0	3
11	Formation and partitioning behaviour of perfluoroalkyl acids (PFAAs) in waste activated sludge during anaerobic digestion. Water Research, 2021, 189, 116583.	11.3	19
12	Migration histories and perfluoroalkyl acid (PFAA) loads in an estuarine fish: A novel union of analyses to understand variation in contaminant concentrations. Environmental Pollution, 2021, 276, 116686.	7.5	4
13	Sorbent assisted immobilisation of perfluoroalkyl acids in soils â€“ effect on leaching and bioavailability. Journal of Hazardous Materials, 2021, 412, 125171.	12.4	16
14	Analytical uncertainties in a longitudinal study â€“ A case study assessing serum levels of per- and poly-fluoroalkyl substances (PFAS). International Journal of Hygiene and Environmental Health, 2021, 238, 113860.	4.3	10
15	Profiling research on PFAS in wildlife: Protocol of a systematic evidence map and bibliometric analysis. Ecological Solutions and Evidence, 2021, 2, e12106.	2.0	6
16	Influences of Chemical Properties, Soil Properties, and Solution pH on Soilâ€“Water Partitioning Coefficients of Per- and Polyfluoroalkyl Substances (PFASs). Environmental Science & Technology, 2020, 54, 15883-15892.	10.0	171
17	Per- and poly-fluoroalkyl substances (PFASs) in follicular fluid from women experiencing infertility in Australia. Environmental Research, 2020, 190, 109963.	7.5	39
18	Organophosphate esters and their specific metabolites in chicken eggs from across Australia: Occurrence, profile, and distribution between yolk and albumin fractions. Environmental Pollution, 2020, 262, 114260.	7.5	21

#	Article	IF	Citations
19	Leaching and bioavailability of selected perfluoroalkyl acids (PFAAs) from soil contaminated by firefighting activities. Science of the Total Environment, 2019, 646, 471-479.	8.0	88
20	Temporal trends of per- and polyfluoroalkyl substances (PFAS) in the influent of two of the largest wastewater treatment plants in Australia. Emerging Contaminants, 2019, 5, 211-218.	4.9	39
21	Do conventional cooking methods alter concentrations of per- and polyfluoroalkyl substances (PFASs) in seafood?. Food and Chemical Toxicology, 2019, 127, 280-287.	3.6	22
22	Per- and polyfluoroalkyl substances (PFAS) in Australia: Current levels and estimated population reference values for selected compounds. International Journal of Hygiene and Environmental Health, 2019, 222, 387-394.	4.3	51
23	Metabolomic profiles associated with exposure to per- and polyfluoroalkyl substances (PFASs) in aquatic environments. Environmental Sciences: Processes and Impacts, 2019, 21, 1980-1990.	3.5	12
24	Calibration and validation of a novel passive sampling device for the time integrative monitoring of per- and polyfluoroalkyl substances (PFASs) and precursors in contaminated groundwater. Journal of Hazardous Materials, 2019, 366, 423-431.	12.4	41
25	Emerging investigator series: effect-based characterization of mixtures of environmental pollutants in diverse sediments. Environmental Sciences: Processes and Impacts, 2018, 20, 1667-1679.	3.5	17
26	Fate and redistribution of perfluoroalkyl acids through AFFF-impacted groundwater. Science of the Total Environment, 2017, 596-597, 360-368.	8.0	107
27	Bioanalytical effect-balance model to determine the bioavailability of organic contaminants in sediments affected by black and natural carbon. Chemosphere, 2016, 156, 181-190.	8.2	13
28	Time-dependent expression and activity of cytochrome P450 1s in early life-stages of the zebrafish (Danio rerio). Environmental Science and Pollution Research, 2015, 22, 16319-16328.	5.3	36
29	A novel contact assay for testing aryl hydrocarbon receptor (AhR)-mediated toxicity of chemicals and whole sediments in zebrafish (Danio rerio) embryos. Environmental Science and Pollution Research, 2015, 22, 16305-16318.	5.3	53
30	The Second Young Environmental Scientist (YES) meeting 2011 at RWTH Aachen University - environmental challenges in a changing world. Environmental Sciences Europe, 2011, 23, .	11.0	1