

Jennifer BrÄunig

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1451572/publications.pdf>

Version: 2024-02-01

30
papers

896
citations

516710

16
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Influences of Chemical Properties, Soil Properties, and Solution pH on Soil-Water Partitioning Coefficients of Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Science & Technology</i> , 2020, 54, 15883-15892.	10.0	171
2	Fate and redistribution of perfluoroalkyl acids through AFFF-impacted groundwater. <i>Science of the Total Environment</i> , 2017, 596-597, 360-368.	8.0	107
3	Leaching and bioavailability of selected perfluoroalkyl acids (PFAAs) from soil contaminated by firefighting activities. <i>Science of the Total Environment</i> , 2019, 646, 471-479.	8.0	88
4	A novel contact assay for testing aryl hydrocarbon receptor (AhR)-mediated toxicity of chemicals and whole sediments in zebrafish (<i>Danio rerio</i>) embryos. <i>Environmental Science and Pollution Research</i> , 2015, 22, 16305-16318.	5.3	53
5	Per- and polyfluoroalkyl substances (PFAS) in Australia: Current levels and estimated population reference values for selected compounds. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 387-394.	4.3	51
6	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. <i>Journal of Hazardous Materials</i> , 2019, 366, 423-431.	12.4	41
7	Temporal trends of per- and polyfluoroalkyl substances (PFAS) in the influent of two of the largest wastewater treatment plants in Australia. <i>Emerging Contaminants</i> , 2019, 5, 211-218.	4.9	39
8	Per- and poly-fluoroalkyl substances (PFASs) in follicular fluid from women experiencing infertility in Australia. <i>Environmental Research</i> , 2020, 190, 109963.	7.5	39
9	Time-dependent expression and activity of cytochrome P450 1s in early life-stages of the zebrafish (<i>Danio rerio</i>). <i>Environmental Science and Pollution Research</i> , 2015, 22, 16319-16328.	5.3	36
10	Electrochemical oxidation processes for PFAS removal from contaminated water and wastewater: fundamentals, gaps and opportunities towards practical implementation. <i>Journal of Hazardous Materials</i> , 2022, 434, 128886.	12.4	28
11	Comparing the Leaching Behavior of Per- and Polyfluoroalkyl Substances from Contaminated Soils Using Static and Column Leaching Tests. <i>Environmental Science & Technology</i> , 2022, 56, 368-378.	10.0	24
12	Do conventional cooking methods alter concentrations of per- and polyfluoroalkyl substances (PFASs) in seafood?. <i>Food and Chemical Toxicology</i> , 2019, 127, 280-287.	3.6	22
13	An investigation into the long-term binding and uptake of PFOS, PFOA and PFHxS in soil-plant systems. <i>Journal of Hazardous Materials</i> , 2021, 404, 124065.	12.4	22
14	Organophosphate esters and their specific metabolites in chicken eggs from across Australia: Occurrence, profile, and distribution between yolk and albumin fractions. <i>Environmental Pollution</i> , 2020, 262, 114260.	7.5	21
15	Formation and partitioning behaviour of perfluoroalkyl acids (PFAAs) in waste activated sludge during anaerobic digestion. <i>Water Research</i> , 2021, 189, 116583.	11.3	19
16	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.	3.5	17
17	Sorbent assisted immobilisation of perfluoroalkyl acids in soils - effect on leaching and bioavailability. <i>Journal of Hazardous Materials</i> , 2021, 412, 125171.	12.4	16
18	Temporal trends of perfluoroalkyl substances in an Australian wastewater treatment plant: A ten-year retrospective investigation. <i>Science of the Total Environment</i> , 2022, 804, 150211.	8.0	15

#	ARTICLE	IF	CITATIONS
19	Bioanalytical effect-balance model to determine the bioavailability of organic contaminants in sediments affected by black and natural carbon. <i>Chemosphere</i> , 2016, 156, 181-190.	8.2	13
20	Metabolomic profiles associated with exposure to per- and polyfluoroalkyl substances (PFASs) in aquatic environments. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1980-1990.	3.5	12
21	Assessment of Mobilization Potential of Per- and Polyfluoroalkyl Substances for Soil Remediation. <i>Environmental Science & Technology</i> , 2022, 56, 10030-10041.	10.0	12
22	Analytical uncertainties in a longitudinal study – A case study assessing serum levels of per- and poly-fluoroalkyl substances (PFAS). <i>International Journal of Hygiene and Environmental Health</i> , 2021, 238, 113860.	4.3	10
23	Transformation and fate of pharmaceuticals, personal care products, and per- and polyfluoroalkyl substances during aerobic digestion of anaerobically digested sludge. <i>Water Research</i> , 2022, 219, 118568.	11.3	10
24	Formation and fate of perfluoroalkyl acids (PFAAs) in a laboratory-scale urban wastewater system. <i>Water Research</i> , 2022, 216, 118295.	11.3	7
25	Profiling research on PFAS in wildlife: Protocol of a systematic evidence map and bibliometric analysis. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12106.	2.0	6
26	Thermal processing reduces PFAS concentrations in blue food – A systematic review and meta-analysis. <i>Environmental Pollution</i> , 2022, 304, 119081.	7.5	5
27	Migration histories and perfluoroalkyl acid (PFAA) loads in an estuarine fish: A novel union of analyses to understand variation in contaminant concentrations. <i>Environmental Pollution</i> , 2021, 276, 116686.	7.5	4
28	PFAS exposure of humans, animals and the environment: Protocol of an evidence review map and bibliometric analysis. <i>Environment International</i> , 2022, 158, 106973.	10.0	4
29	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. <i>Science of the Total Environment</i> , 2021, 758, 143650.	8.0	3
30	The Second Young Environmental Scientist (YES) meeting 2011 at RWTH Aachen University - environmental challenges in a changing world. <i>Environmental Sciences Europe</i> , 2011, 23, .	11.0	1