Anna Sobek

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3137427/publications.pdf

Version: 2024-02-01

57	2,066	257357	254106
papers	citations	24 h-index	43 g-index

58	58	58	2170
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pharmaceutical pollution of the worldâ€™s rivers. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	495
2	Fate of Pharmaceuticals and Their Transformation Products in Four Small European Rivers Receiving Treated Wastewater. Environmental Science & Technology, 2016, 50, 5614-5621.	4.6	97
3	Latitudinal Fractionation of Polychlorinated Biphenyls in Surface Seawater along a 62Â° Nâ^'89Â° N Transect from the Southern Norwegian Sea to the North Pole Area. Environmental Science & Technology, 2004, 38, 2746-2751.	4.6	71
4	Observations of the PCB distribution within and in-between ice, snow, ice-rafted debris, ice-interstitial water, and seawater in the Barents Sea marginal ice zone and the North Pole area. Science of the Total Environment, 2005, 342, 261-279.	3.9	70
5	Temporal Trends of C₈â€“C₃₆ Chlorinated Paraffins in Swedish Coastal Sediment Cores over the Past 80 Years. Environmental Science & Technology, 2017, 51, 14199-14208.	4.6	68
6	Reduced toxicity of diuron to the freshwater green alga Pseudokirchneriella subcapitata in the presence of black carbon. Aquatic Toxicology, 2007, 83, 143-148.	1.9	67
7	Particleâ^'Water Partitioning of PCBs in the Photic Zone:Â A 25-Month Study in the Open Baltic Sea. Environmental Science & Technology, 2004, 38, 1375-1382.	4.6	66
8	Deep Water Masses and Sediments Are Main Compartments for Polychlorinated Biphenyls in the Arctic Ocean. Environmental Science & Technology, 2014, 48, 6719-6725.	4.6	66
9	A comparison of PCB bioaccumulation factors between an arctic and a temperate marine food web. Science of the Total Environment, 2010, 408, 2753-2760.	3.9	56
10	Flume Experiments To Investigate the Environmental Fate of Pharmaceuticals and Their Transformation Products in Streams. Environmental Science & Technology, 2015, 49, 6009-6017.	4.6	56
11	Combined effects of heatwaves and micropollutants on freshwater ecosystems: Towards an integrated assessment of extreme events in multiple stressors research. Global Change Biology, 2022, 28, 1248-1267.	4.2	47
12	Baltic Sea sediment records: Unlikely near-future declines in PCBs and HCB. Science of the Total Environment, 2015, 518-519, 8-15.	3.9	43
13	Testing the resistance of single- and multi-walled carbon nanotubes to chemothermal oxidation used to isolate soots from environmental samples. Environmental Pollution, 2009, 157, 1065-1071.	3.7	41
14	Contrasting temporal trends and relationships of total organic carbon, black carbon, and polycyclic aromatic hydrocarbons in rural low-altitude and remote high-altitude lakes. Journal of Environmental Monitoring, 2011, 13, 1316.	2.1	40
15	Observation-Based Assessment of PBDE Loads in Arctic Ocean Waters. Environmental Science & Technology, 2016, 50, 2236-2245.	4.6	40
16	Bacterial Diversity Controls Transformation of Wastewater-Derived Organic Contaminants in River-Simulating Flumes. Environmental Science & Technology, 2020, 54, 5467-5479.	4.6	38
17	Association between Aquatic Micropollutant Dissipation and River Sediment Bacterial Communities. Environmental Science & Technology, 2020, 54, 14380-14392.	4.6	37
18	Sorption of Phenyl Urea Herbicides to Black Carbon. Environmental Science & Technology, 2009, 43, 8147-8152.	4.6	34

#	Article	IF	Citations
19	Temporal Trends of PCDD/Fs in Baltic Sea Sediment Cores Covering the 20th Century. Environmental Science & Technology, 2014, 48, 947-953.	4.6	32
20	In situ benthic flow-through chambers to determine sediment-to-water fluxes of legacy hydrophobic organic contaminants. Environmental Pollution, 2017, 231, 854-862.	3.7	32
21	Partitioning of Chlorinated Paraffins (CPs) to Daphnia magna Overlaps between Restricted and in-Use Categories. Environmental Science & Technology, 2018, 52, 9713-9721.	4.6	30
22	PARTITIONING OF POLYCHLORINATED BIPHENYLS BETWEEN ARCTIC SEAWATER AND SIZE-FRACTIONATED ZOOPLANKTON. Environmental Toxicology and Chemistry, 2006, 25, 1720.	2.2	29
23	Using Model-Based Screening to Help Discover Unknown Environmental Contaminants. Environmental Science & Technology, 2014, 48, 7264-7271.	4.6	29
24	Using recirculating flumes and a response surface model to investigate the role of hyporheic exchange and bacterial diversity on micropollutant half-lives. Environmental Sciences: Processes and Impacts, 2019, 21, 2093-2108.	1.7	27
25	Passive Partitioning of Polychlorinated Biphenyls between Seawater and Zooplankton, a Study Comparing Observed Field Distributions to Equilibrium Sorption Experiments. Environmental Science & Technology, 2006, 40, 6703-6708.	4.6	26
26	Spatial Distributions of DDTs in the Water Masses of the Arctic Ocean. Environmental Science & Technology, 2017, 51, 7913-7919.	4.6	25
27	Bioaccumulation Potential of CPs in Aquatic Organisms: Uptake and Depuration in Daphnia magna. Environmental Science & Technology, 2019, 53, 9533-9541.	4.6	25
28	Assessment of PCDD/F Source Contributions in Baltic Sea Sediment Core Records. Environmental Science & Technology, 2014, 48, 9531-9539.	4.6	24
29	Coastal sediments in the Gulf of Bothnia as a source of dissolved PCDD/Fs and PCBs to water and fish. Science of the Total Environment, 2014, 487, 463-470.	3.9	24
30	A strategic screening approach to identify transformation products of organic micropollutants formed in natural waters. Environmental Sciences: Processes and Impacts, 2017, 19, 488-498.	1.7	23
31	An Evaluation of the Importance of the sampling Step to the Total Analytical Variance - a Four-System Field based sampling Intercomparison study for hydrophobic organic contaminats in the surface waters of the open Baltic Sea. International Journal of Environmental Analytical Chemistry, 2003, 83, 177-187.	1.8	22
32	Screening-level exposure-based prioritization to identify potential POPs, vPvBs and planetary boundary threats among Arctic contaminants. Emerging Contaminants, 2017, 3, 85-94.	2.2	22
33	The Baltic Health Index (BHI): Assessing the socialâ€“ecological status of the Baltic Sea. People and Nature, 2021, 3, 359-375.	1.7	21
34	Passive dosing of triclosan in multigeneration tests with copepods â€“ stable exposure concentrations and effects at the low Î¼g/L range. Environmental Toxicology and Chemistry, 2017, 36, 1254-1260.	2.2	19
35	An academic researcher's guide to increased impact on regulatory assessment of chemicals. Environmental Sciences: Processes and Impacts, 2017, 19, 644-655.	1.7	18
36	Aerosolâ€“Water Distribution of PCDD/Fs and PCBs in the Baltic Sea Region. Environmental Science & Technology, 2013, 47, 781-789.	4.6	17

#	Article	IF	Citations
37	Using Compound-Specific and Bulk Stable Isotope Analysis for Trophic Positioning of Bivalves in Contaminated Baltic Sea Sediments. Environmental Science & Technology, 2018, 52, 4861-4868.	4.6	17
38	Emerging investigator series: effect-based characterization of mixtures of environmental pollutants in diverse sediments. Environmental Sciences: Processes and Impacts, 2018, 20, 1667-1679.	1.7	17
39	How Important is Bioturbation for Sedimentâ€toâ€Water Flux of Polycyclic Aromatic Hydrocarbons in the Baltic Sea?. Environmental Toxicology and Chemistry, 2019, 38, 1803-1810.	2.2	16
40	The dilemma in prioritizing chemicals for environmental analysis: known versus unknown hazards. Environmental Sciences: Processes and Impacts, 2016, 18, 1042-1049.	1.7	15
41	Screening-level models to estimate partition ratios of organic chemicals between polymeric materials, air and water. Environmental Sciences: Processes and Impacts, 2016, 18, 667-676.	1.7	15
42	In Silico Screening-Level Prioritization of 8468 Chemicals Produced in OECD Countries to Identify Potential Planetary Boundary Threats. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 134-146.	1.3	14
43	Correction: The dilemma in prioritizing chemicals for environmental analysis: known versus unknown hazards. Environmental Sciences: Processes and Impacts, 2016, 18, 1104-1104.	1.7	13
44	Evaluating the consumption of chemical products and articles as proxies for diffuse emissions to the environment. Environmental Sciences: Processes and Impacts, 2018, 20, 1427-1440.	1.7	12
45	Environmental Risk of Metal Contamination in Sediments of Tropical Reservoirs. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 292-301.	1.3	10
46	Temporal and Spatial Variability of Micropollutants in a Brazilian Urban River. Archives of Environmental Contamination and Toxicology, 2021, 81, 142-154.	2.1	10
47	Transferring mixtures of chemicals from sediment to a bioassay using silicone-based passive sampling and dosing. Environmental Sciences: Processes and Impacts, 2017, 19, 1404-1413.	1.7	8
48	Organic Contaminant Mixture Significantly Changes Microbenthic Community Structure and Increases the Expression of PAH Degradation Genes. Frontiers in Environmental Science, 2020, 8, .	1.5	8
49	Effects of Organic Carbon Origin on Hydrophobic Organic Contaminant Fate in the Baltic Sea. Environmental Science & Technology, 2021, 55, 13061-13071.	4.6	7
50	On the Relative Significance of Bacteria for the Distribution of Polychlorinated Biphenyls in Arctic Ocean Surface Waters. Environmental Science & Technology, 2006, 40, 2586-2593.	4.6	5
51	Modeling total particulate organic carbon (POC) flows in the Baltic Sea catchment. Biogeochemistry, 2016, 128, 51-65.	1.7	4
52	Risk assessments of contaminated sediments from the perspective of weight of evidence strategies â€“ a Swedish case study. Human and Ecological Risk Assessment (HERA), 2021, 27, 1366-1387.	1.7	4
53	Tunnel vision in current chemicals management cannot deal with the unknown risk of synthetic chemicals in aquatic systems. Acta Limnologica Brasiliensia, 0, 31, .	0.4	4
54	Prospects for finding Junge variability-lifetime relationships for micropollutants in the Danube river. Environmental Sciences: Processes and Impacts, 2019, 21, 1489-1497.	1.7	3

#	Article	IF	Citations
55	Inconsistencies in How Environmental Risk Is Evaluated in Sweden for Dumping Dredged Sediment at Sea. Frontiers in Marine Science, 2021, 8, .	1.2	3
56	Insights into the factors influencing mercury concentrations in tropical reservoir sediments. Environmental Sciences: Processes and Impacts, 2021, 23, 1542-1553.	1.7	2
57	Micropollutants in four Brazilian water reservoirs. Limnologica, 2021, 90, 125902.	0.7	2