Karina K Jessing

List of Publications by Year
in descending order

21	265	933264 10	940416 16
papers	citations	h-index	g-index

22	22	22	269
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Linking biodegradation kinetics, microbial composition and test temperature â€“ Testing 40 petroleum hydrocarbons using inocula collected in winter and summer. Environmental Sciences: Processes and Impacts, 2022, 24, 152-160.	1.7	5
2	In-Tube Passive Dosing of Hydrophobic Organic Chemicals: Controlling Freely Dissolved Concentrations in Flow-Through and Large-Volume Experiments. Environmental Science and Technology Letters, 2022, 9, 339-344.	3.9	1
3	Biodegradation Kinetics of Fragrances, Plasticizers, UV Filters, and PAHs in a Mixtureâ”€Changing Test Concentrations over 5 Orders of Magnitude. Environmental Science & Technology, 2022, 56, 293-301.	4.6	10
4	Passive Dosing of Petroleum and Essential Oil UVCBsâ€”Whole Mixture Toxicity Testing at Controlled Exposure. Environmental Science & Technology, 2021, 55, 6150-6159.	4.6	10
5	Combining Headspace Solid-Phase Microextraction with Internal Benchmarking to Determine the Elimination Kinetics of Hydrophobic UVCBs. Environmental Science & Technology, 2021, 55, 11125-11132.	4.6	4
6	Determining the Temperature Dependency of Biodegradation Kinetics for 34 Hydrocarbons while Avoiding Chemical and Microbial Confounding Factors. Environmental Science & Technology, 2021, 55, 11091-11101.	4.6	8
7	Biodegradation of an essential oil UVCB - Whole substance testing and constituent specific analytics yield biodegradation kinetics of mixture constituents. Chemosphere, 2021, 278, 130409.	4.2	5
8	Biodegradation kinetics testing of two hydrophobic UVCBs â€“ potential for substrate toxicity supports testing at low concentrations. Environmental Sciences: Processes and Impacts, 2020, 22, 2172-2180.	1.7	10
9	Accelerated Passive Dosing of Hydrophobic Complex Mixturesâ€“Controlling the Level and Composition in Aquatic Tests. Environmental Science & Technology, 2020, 54, 4974-4983.	4.6	23
10	Accelerated equilibrium sampling of hydrophobic organic chemicals in solid matrices: A proof of concept on how to reach equilibrium for PCBs within 1 day. Chemosphere, 2019, 237, 124537.	4.2	11
11	Thermodynamic assessment of (semi-)volatile hydrophobic organic chemicals in WWTP sludge â€“ combining solid phase microextraction with non-target GC/MS. Environmental Sciences: Processes and Impacts, 2018, 20, 1728-1735.	1.7	4
12	Equilibrium sampling reveals increasing thermodynamic potential of polycyclic aromatic hydrocarbons during sewage sludge digestion. Chemosphere, 2018, 207, 421-429.	4.2	4
13	Potential Ecological Roles of Artemisinin Produced by Artemisia annua L.. Journal of Chemical Ecology, 2014, 40, 100-117.	0.9	50
14	Temperature-Dependent Toxicity of Artemisinin Toward the Macrophyte Lemna minor and the Algae Pseudokirchneriella subcapitata. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	4
15	Loss of artemisinin produced by Artemisia annua L. to the soil environment. Industrial Crops and Products, 2013, 43, 132-140.	2.5	23
16	Distribution and ecological impact of artemisinin derived from Artemisia annua L. in an agricultural ecosystem. Soil Biology and Biochemistry, 2013, 57, 164-172.	4.2	20
17	Monitoring of Artemisinin, Dihydroartemisinin, and Artemether in Environmental Matrices Using High-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry (LC-MS/MS). Journal of Agricultural and Food Chemistry, 2011, 59, 11735-11743.	2.4	26
18	Degradation and ecotoxicity of the biomedical drug artemisinin in soil. Environmental Toxicology and Chemistry, 2009, 28, 701-710.	2.2	40

#	Article	IF	Citations
19	Artemisinin determination and degradation in soil using supercritical fluid extraction and HPLC-UV. International Journal of Environmental Analytical Chemistry, 2009, 89, 1-10.	1.8	7
20	Production of biomedicine under different climatic conditions â€“ Artemisinin as study case. IOP Conference Series: Earth and Environmental Science, 2009, 6, 342026.	0.2	0
21	Degradation and Ecotoxicity of the Biomedical Drug Artemisinin in Soil. Environmental Toxicology and Chemistry, 2007, preprint, 1.	2.2	0