Kristian Syberg

List of Publications by Year
in descending order

31 papers	1,803 citations	430874 18 h-index	434195 31 g-index
31 all docs	31 docs citations	31 times ranked	2247 citing authors

#	Article	IF	Citations
1	Microplastics: addressing ecological risk through lessons learned. Environmental Toxicology and Chemistry, 2015, 34, 945-953.	4.3	244
2	First evidence of microplastics in the African Great Lakes: Recovery from Lake Victoria Nile perch and Nile tilapia. Journal of Great Lakes Research, 2016, 42, 146-149.	1.9	228
3	Influence of polyethylene microplastic beads on the uptake and localization of silver in zebrafish (Danio rerio). Environmental Pollution, 2015, 206, 73-79.	7.5	202
4	Single contaminant and combined exposures of polyethylene microplastics and fluoranthene: accumulation and oxidative stress response in the blue mussel,Mytilus edulis. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 761-773.	2.3	105
5	A review of the plastic value chain from a circular economy perspective. Journal of Environmental Management, 2022, 302, 113975.	7.8	94
6	Marine litter: One of the major threats for marine mammals. Outcomes from the European Cetacean Society workshop. Environmental Pollution, 2019, 247, 72-79.	7.5	91
7	From macro- to microplastics - Analysis of EU regulation along the life cycle of plastic bags. Environmental Pollution, 2017, 224, 289-299.	7.5	90
8	Mixture toxicity of three toxicants with similar and dissimilar modes of action to Daphnia magna. Ecotoxicology and Environmental Safety, 2008, 69, 428-436.	6.0	85
9	Microplastic potentiates triclosan toxicity to the marine copepod Acartia tonsa (Dana). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 1369-1371.	2.3	77
10	Microplastics in the human digestive environment: A focus on the potential and challenges facing in vitro gut model development. Journal of Hazardous Materials, 2021, 415, 125632.	12.4	74
11	Considerations on the use of equilibrium models for the characterisation of HOC-microplastic interactions in vector studies. Chemosphere, 2018, 210, 359-365.	8.2	66
12	Effects, Uptake, and Depuration Kinetics of Silver Oxide and Copper Oxide Nanoparticles in a Marine Deposit Feeder, Macoma balthica. ACS Sustainable Chemistry and Engineering, 2013, 1, 760-767.	6.7	61
13	Regulation of plastic from a circular economy perspective. Current Opinion in Green and Sustainable Chemistry, 2021, 29, 100462.	5.9	51
14	A nationwide assessment of plastic pollution in the Danish realm using citizen science. Scientific Reports, 2020, 10, 17773.	3.3	41
15	Environmental risk assessment of chemicals and nanomaterials â€" The best foundation for regulatory decision-making?. Science of the Total Environment, 2016, 541, 784-794.	8.0	39
16	Isolation and characterization of human pathogenic multidrug resistant bacteria associated with plastic litter collected in Zanzibar. Journal of Hazardous Materials, 2021, 405, 124591.	12.4	33
17	Risk Perception of Plastic Pollution: Importance of Stakeholder Involvement and Citizen Science. Handbook of Environmental Chemistry, 2018, , 203-221.	0.4	30
18	Microplastics in Inland African Waters: Presence, Sources, and Fate. Handbook of Environmental Chemistry, 2018, , 101-124.	0.4	22

#	Article	IF	Citations
19	Stakeholder analysis with regard to a recent European restriction proposal on microplastics. PLoS ONE, 2020, 15, e0235062.	2.5	21
20	Sorption of PCBs to environmental plastic pollution in the North Atlantic Ocean: Importance of size and polymer type. Case Studies in Chemical and Environmental Engineering, 2020, 2, 100062.	6.1	18
21	How can we test plastic pollution perceptions and behavior? A feasibility study with Danish children participating in â€œthe Mass Experimentâ€• Science of the Total Environment, 2022, 806, 150914.	8.0	17
22	Assessing and managing multiple risks in a changing worldâ€”The Roskilde recommendations. Environmental Toxicology and Chemistry, 2017, 36, 7-16.	4.3	16
23	Genotoxic Potential of Two Herbicides and their Active Ingredients Assessed with Comet Assay on a Fish Cell Line, Epithelioma Papillosum Cyprini (EPC). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 1129-1137.	2.3	15
24	Toward a conceptual approach for assessing risks from chemical mixtures and other stressors to coastal ecosystem services. Integrated Environmental Assessment and Management, 2017, 13, 376-386.	2.9	15
25	Are Standardized Test Guidelines Adequate for Assessing Waterborne Particulate Contaminants?. Environmental Science & Technology, 2017, 51, 1948-1950.	10.0	13
26	Circular economy and reduction of micro(nano)plastics contamination. Journal of Hazardous Materials Advances, 2022, 5, 100044.	3.0	13
27	Comprehending the complexity of microplastic organismal exposures and effects, to improve testing frameworks. Journal of Hazardous Materials, 2021, 415, 125652.	12.4	12
28	Mixture Genotoxicity of 2,4-Dichlorophenoxyacetic Acid, Acrylamide, and Maleic Hydrazide on Human Caco-2 Cells Assessed with Comet Assay. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 369-380.	2.3	11
29	Collection of Anthropogenic Litter from the Shores of Lake Malawi: Characterization of Plastic Debris and the Implications of Public Involvement in the African Great Lakes. Toxics, 2019, 7, 64.	3.7	9
30	The Role of Laboratory Experiments in the Validation of Field Data. Comprehensive Analytical Chemistry, 2017, 75, 241-273.	1.3	6
31	Strength in numbers: How citizen science can upscale assessment of human exposure to plastic pollution. Current Opinion in Toxicology, 2021, 27, 54-59.	5.0	4