Monika D Jrgens

List of Publications by Year in Descending Order

44 papers	2,242 citations	23 h-index	45 g-index
45 ext. papers	2,533 ext. citations	7.8 avg, IF	4.68 L-index

#	Paper	IF	Citations
44	Semi-automated analysis of microplastics in complex wastewater samples. *Environmental Pollution*, **2021**, 268, 115841	9.3	21
43	Neuroactive drugs and other pharmaceuticals found in blood plasma of wild European fish. *Environment International*, **2021**, 146, 106188	12.9	9
42	Identification and Quantification of Microplastics in Potable Water and Their Sources within Water Treatment Works in England and Wales. *Environmental Science & Technology*, **2020**, 54, 12326-12334	10.3	34
41	In Situ Catchment Scale Sampling of Emerging Contaminants Using Diffusive Gradients in Thin Films (DGT) and Traditional Grab Sampling: A Case Study of the River Thames, UK. *Environmental Science & Technology*, **2020**, 54, 11155-11164	10.3	7
40	What Works? the Influence of Changing Wastewater Treatment Type, Including Tertiary Granular Activated Charcoal, on Downstream Macroinvertebrate Biodiversity Over Time. *Environmental Toxicology and Chemistry*, **2019**, 38, 1820-1832	3.8	4
39	The influence of exposure and physiology on microplastic ingestion by the freshwater fish Rutilus rutilus (roach) in the River Thames, UK. *Environmental Pollution*, **2018**, 236, 188-194	9.3	112
38	The different fate of antibiotics in the Thames River, UK, and the Katsura River, Japan. *Environmental Science and Pollution Research*, **2018**, 25, 1903-1913	5.1	29
37	Which commonly monitored chemical contaminant in the Bohai region and the Yangtze and Pearl Rivers of China poses the greatest threat to aquatic wildlife?. *Environmental Toxicology and Chemistry*, **2018**, 37, 1115-1121	3.8	12
36	Quantification of Pharmaceutical Related Biological Activity in Effluents from Wastewater Treatment Plants in UK and Japan. *Environmental Science & Technology*, **2018**, 52, 11848-11856	10.3	3
35	Multimedia fate and transport simulation of perfluorooctanoic acid/ perfluorooctanoate in an urbanizing area. *Science of the Total Environment*, **2018**, 643, 90-97	10.2	6
34	The relative risk and its distribution of endocrine disrupting chemicals, pharmaceuticals and personal care products to freshwater organisms in the Bohai Rim, China. *Science of the Total Environment*, **2017**, 590-591, 633-642	10.2	38
33	Size dependence of silver nanoparticle removal in a wastewater treatment plant mesocosm measured by FAST single particle ICP-MS. *Environmental Science: Nano*, **2017**, 4, 1189-1197	7.1	20
32	Linking changes in antibiotic effluent concentrations to flow, removal and consumption in four different UK sewage treatment plants over four years. *Environmental Pollution*, **2017**, 220, 919-926	9.3	17
31	An alternative approach to risk rank chemicals on the threat they pose to the aquatic environment. *Science of the Total Environment*, **2017**, 599-600, 1372-1381	10.2	64
30	Which metal represents the greatest risk to freshwater ecosystem in bohai region of china?. *Ecosystem Health and Sustainability*, **2017**, 3, e01260	3.7	23
29	Which persistent organic pollutants in the rivers of the Bohai Region of China represent the greatest risk to the local ecosystem?. *Chemosphere*, **2017**, 178, 11-18	8.4	16
28	Assessing the population equivalent and performance of wastewater treatment through the ratios of pharmaceuticals and personal care products present in a river basin: Application to the River Thames basin, UK. *Science of the Total Environment*, **2017**, 575, 1100-1108	10.2	42

27	Persistent Organic Pollutants in sediment and fish in the River Thames Catchment (UK). *Science of the Total Environment*, **2017**, 576, 78-84	10.2	25
26	The long shadow of our chemical past - High DDT concentrations in fish near a former agrochemicals factory in England. *Chemosphere*, **2016**, 162, 333-44	8.4	23
25	Fate and transport of polychlorinated biphenyls (PCBs) in the River Thames catchment - Insights from a coupled multimedia fate and hydrobiogeochemical transport model. *Science of the Total Environment*, **2016**, 572, 1461-1470	10.2	20
24	The distribution of Polychlorinated Biphenyls (PCBs) in the River Thames Catchment under the scenarios of climate change. *Science of the Total Environment*, **2015**, 533, 187-95	10.2	9
23	PCB and organochlorine pesticide burden in eels in the lower Thames River (UK). *Chemosphere*, **2015**, 118, 103-11	8.4	23
22	Particulate and colloidal silver in sewage effluent and sludge discharged from British wastewater treatment plants. *Chemosphere*, **2014**, 112, 49-55	8.4	36
21	The presence of EU priority substances mercury, hexachlorobenzene, hexachlorobutadiene and PBDEs in wild fish from four English rivers. *Science of the Total Environment*, **2013**, 461-462, 441-52	10.2	62
20	Effects of sewage effluent remediation on body size, somatic RNA: DNA ratio, and markers of chemical exposure in three-spined sticklebacks. *Environment International*, **2011**, 37, 158-69	12.9	24
19	Indices of stress in three-spined sticklebacks Gasterosteus aculeatus in relation to extreme weather events and exposure to wastewater effluent. *Journal of Fish Biology*, **2011**, 79, 256-79	1.9	12
18	An assessment of the fate, behaviour and environmental risk associated with sunscreen TiO nanoparticles in UK field scenarios. *Science of the Total Environment*, **2011**, 409, 2503-10	10.2	126
17	Determination of cyclophosphamide and ifosfamide in sewage effluent by stable isotope-dilution liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2011**, 1218, 8519-28	4.5	37
16	The use of modelling to predict levels of estrogens in a river catchment: how does modelled data compare with chemical analysis and in vitro yeast assay results?. *Science of the Total Environment*, **2010**, 408, 4826-32	10.2	30
15	Estrogen concentration affects its biodegradation rate in activated sludge. *Environmental Toxicology and Chemistry*, **2009**, 28, 2263-70	3.8	18
14	Do suspended sediments modulate the effects of octylphenol on rainbow trout?. *Water Research*, **2009**, 43, 1381-91	12.5	3
13	Do cytotoxic chemotherapy drugs discharged into rivers pose a risk to the environment and human health? An overview and UK case study. *Journal of Hydrology*, **2008**, 348, 167-175	6	193
12	Within-river nutrient processing in Chalk streams: The Pang and Lambourn, UK. *Journal of Hydrology*, **2006**, 330, 101-125	6	64
11	Role of river bed sediments as sources and sinks of phosphorus across two major eutrophic UK river basins: the Hampshire Avon and Herefordshire Wye. *Journal of Hydrology*, **2005**, 304, 51-74	6	221
10	Comparing steroid estrogen, and nonylphenol content across a range of European sewage plants with different treatment and management practices. *Water Research*, **2005**, 39, 47-58	12.5	215

9	Endocrine active industrial chemicals: Release and occurrence in the environment. *Pure and Applied Chemistry*, **2003**, 75, 1895-1904	2.1	23
8	Environmental fate and metabolism: Issues and recommendations. *Pure and Applied Chemistry*, **2003**, 75, 1949-1953	2.1	
7	The potential for estradiol and ethinylestradiol degradation in english rivers. *Environmental Toxicology and Chemistry*, **2002**, 21, 480-488	3.8	344
6	The potential for estradiol and ethinylestradiol to sorb to suspended and bed sediments in some English rivers. *Environmental Toxicology and Chemistry*, **2002**, 21, 2526-2535	3.8	118
5	The potential for estradiol and ethinylestradiol degradation in english rivers **2002**, 21, 480		7
4	The potential for estradiol and ethinylestradiol degradation in English rivers. *Environmental Toxicology and Chemistry*, **2002**, 21, 480-8	3.8	19
3	Potential for octylphenol to biodegrade in some english rivers. *Environmental Toxicology and Chemistry*, **2000**, 19, 2486-2492	3.8	20
2	Initial predictions of the concentrations and distribution of 17β-estradiol, oestrone and ethinyl oestradiol in 3 English rivers. *Water Research*, **1999**, 33, 1663-1671	12.5	69
1	The sorption potential of octylphenol, a xenobiotic oestrogen, to suspended and bed-sediments collected from industrial and rural reaches of three English rivers. *Science of the Total Environment*, **1998**, 210-211, 271-282	10.2	44