

# Monika D Jrgens

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5519018/monika-d-jurgens-publications-by-citations.pdf>  
**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The potential for estradiol and ethinylestradiol degradation in english rivers. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 480-488	3.8	344
43	Role of river bed sediments as sources and sinks of phosphorus across two major eutrophic UK river basins: the Hampshire Avon and Herefordshire Wye. <i>Journal of Hydrology</i> , <b>2005</b> , 304, 51-74	6	221
42	Comparing steroid estrogen, and nonylphenol content across a range of European sewage plants with different treatment and management practices. <i>Water Research</i> , <b>2005</b> , 39, 47-58	12.5	215
41	Do cytotoxic chemotherapy drugs discharged into rivers pose a risk to the environment and human health? An overview and UK case study. <i>Journal of Hydrology</i> , <b>2008</b> , 348, 167-175	6	193
40	An assessment of the fate, behaviour and environmental risk associated with sunscreen TiO <sub>2</sub> nanoparticles in UK field scenarios. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 2503-10	10.2	126
39	The potential for estradiol and ethinylestradiol to sorb to suspended and bed sediments in some English rivers. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 2526-2535	3.8	118
38	The influence of exposure and physiology on microplastic ingestion by the freshwater fish <i>Rutilus rutilus</i> (roach) in the River Thames, UK. <i>Environmental Pollution</i> , <b>2018</b> , 236, 188-194	9.3	112
37	Initial predictions of the concentrations and distribution of 17 $\beta$ -estradiol, oestrone and ethinyl oestradiol in 3 English rivers. <i>Water Research</i> , <b>1999</b> , 33, 1663-1671	12.5	69
36	An alternative approach to risk rank chemicals on the threat they pose to the aquatic environment. <i>Science of the Total Environment</i> , <b>2017</b> , 599-600, 1372-1381	10.2	64
35	Within-river nutrient processing in Chalk streams: The Pang and Lambourn, UK. <i>Journal of Hydrology</i> , <b>2006</b> , 330, 101-125	6	64
34	The presence of EU priority substances mercury, hexachlorobenzene, hexachlorobutadiene and PBDEs in wild fish from four English rivers. <i>Science of the Total Environment</i> , <b>2013</b> , 461-462, 441-52	10.2	62
33	The sorption potential of octylphenol, a xenobiotic oestrogen, to suspended and bed-sediments collected from industrial and rural reaches of three English rivers. <i>Science of the Total Environment</i> , <b>1998</b> , 210-211, 271-282	10.2	44
32	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. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 1100-1108	10.2	42
31	The relative risk and its distribution of endocrine disrupting chemicals, pharmaceuticals and personal care products to freshwater organisms in the Bohai Rim, China. <i>Science of the Total Environment</i> , <b>2017</b> , 590-591, 633-642	10.2	38
30	Determination of cyclophosphamide and ifosfamide in sewage effluent by stable isotope-dilution liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 8519-28	4.5	37
29	Particulate and colloidal silver in sewage effluent and sludge discharged from British wastewater treatment plants. <i>Chemosphere</i> , <b>2014</b> , 112, 49-55	8.4	36
28	Identification and Quantification of Microplastics in Potable Water and Their Sources within Water Treatment Works in England and Wales. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 12326-12334	10.3	34

27	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?. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 4826-32	10.2	30
26	The different fate of antibiotics in the Thames River, UK, and the Katsura River, Japan. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 1903-1913	5.1	29
25	Persistent Organic Pollutants in sediment and fish in the River Thames Catchment (UK). <i>Science of the Total Environment</i> , <b>2017</b> , 576, 78-84	10.2	25
24	Effects of sewage effluent remediation on body size, somatic RNA: DNA ratio, and markers of chemical exposure in three-spined sticklebacks. <i>Environment International</i> , <b>2011</b> , 37, 158-69	12.9	24
23	Which metal represents the greatest risk to freshwater ecosystem in bohai region of china?. <i>Ecosystem Health and Sustainability</i> , <b>2017</b> , 3, e01260	3.7	23
22	PCB and organochlorine pesticide burden in eels in the lower Thames River (UK). <i>Chemosphere</i> , <b>2015</b> , 118, 103-11	8.4	23
21	The long shadow of our chemical past - High DDT concentrations in fish near a former agrochemicals factory in England. <i>Chemosphere</i> , <b>2016</b> , 162, 333-44	8.4	23
20	Endocrine active industrial chemicals: Release and occurrence in the environment. <i>Pure and Applied Chemistry</i> , <b>2003</b> , 75, 1895-1904	2.1	23
19	Semi-automated analysis of microplastics in complex wastewater samples. <i>Environmental Pollution</i> , <b>2021</b> , 268, 115841	9.3	21
18	Size dependence of silver nanoparticle removal in a wastewater treatment plant mesocosm measured by FAST single particle ICP-MS. <i>Environmental Science: Nano</i> , <b>2017</b> , 4, 1189-1197	7.1	20
17	Fate and transport of polychlorinated biphenyls (PCBs) in the River Thames catchment - Insights from a coupled multimedia fate and hydrobiogeochemical transport model. <i>Science of the Total Environment</i> , <b>2016</b> , 572, 1461-1470	10.2	20
16	Potential for octylphenol to biodegrade in some english rivers. <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 2486-2492	3.8	20
15	The potential for estradiol and ethinylestradiol degradation in English rivers. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 480-8	3.8	19
14	Estrogen concentration affects its biodegradation rate in activated sludge. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 2263-70	3.8	18
13	Linking changes in antibiotic effluent concentrations to flow, removal and consumption in four different UK sewage treatment plants over four years. <i>Environmental Pollution</i> , <b>2017</b> , 220, 919-926	9.3	17
12	Which persistent organic pollutants in the rivers of the Bohai Region of China represent the greatest risk to the local ecosystem?. <i>Chemosphere</i> , <b>2017</b> , 178, 11-18	8.4	16
11	Indices of stress in three-spined sticklebacks <i>Gasterosteus aculeatus</i> in relation to extreme weather events and exposure to wastewater effluent. <i>Journal of Fish Biology</i> , <b>2011</b> , 79, 256-79	1.9	12
10	Which commonly monitored chemical contaminant in the Bohai region and the Yangtze and Pearl Rivers of China poses the greatest threat to aquatic wildlife?. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 1115-1121	3.8	12

9	The distribution of Polychlorinated Biphenyls (PCBs) in the River Thames Catchment under the scenarios of climate change. <i>Science of the Total Environment</i> , <b>2015</b> , 533, 187-95	10.2	9
8	Neuroactive drugs and other pharmaceuticals found in blood plasma of wild European fish. <i>Environment International</i> , <b>2021</b> , 146, 106188	12.9	9
7	The potential for estradiol and ethinylestradiol degradation in english rivers <b>2002</b> , 21, 480		7
6	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. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 11155-11164	10.3	7
5	Multimedia fate and transport simulation of perfluorooctanoic acid/ perfluorooctanoate in an urbanizing area. <i>Science of the Total Environment</i> , <b>2018</b> , 643, 90-97	10.2	6
4	What Works? the Influence of Changing Wastewater Treatment Type, Including Tertiary Granular Activated Charcoal, on Downstream Macroinvertebrate Biodiversity Over Time. <i>Environmental Toxicology and Chemistry</i> , <b>2019</b> , 38, 1820-1832	3.8	4
3	Do suspended sediments modulate the effects of octylphenol on rainbow trout?. <i>Water Research</i> , <b>2009</b> , 43, 1381-91	12.5	3
2	Quantification of Pharmaceutical Related Biological Activity in Effluents from Wastewater Treatment Plants in UK and Japan. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 11848-11856	10.3	3
1	Environmental fate and metabolism: Issues and recommendations. <i>Pure and Applied Chemistry</i> , <b>2003</b> , 75, 1949-1953	2.1	