

# Mirco Bundschuh

## List of Publications by Citations

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141  
papers

4,099  
citations

35  
h-index

59  
g-index

144  
ext. papers

4,841  
ext. citations

6.3  
avg, IF

5.91  
L-index

#	Paper	IF	Citations
141	Nanoparticles in the environment: where do we come from, where do we go to?. <i>Environmental Sciences Europe</i> , <b>2018</b> , 30, 6	5	383
140	Fate and effects of poly- and perfluoroalkyl substances in the aquatic environment: a review. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 1921-9	3.8	316
139	Fungicides: An Overlooked Pesticide Class?. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 3347-3365	5.3	172
138	Understanding the fate and biological effects of Ag- and TiO <sub>2</sub> nanoparticles in the environment: The quest for advanced analytics and interdisciplinary concepts. <i>Science of the Total Environment</i> , <b>2015</b> , 535, 3-19	10.2	137
137	Wastewater treatment plant effluents as source of cosmetic polyethylene microbeads to freshwater. <i>Chemosphere</i> , <b>2017</b> , 188, 25-31	8.4	132
136	Evaluation of pesticide monitoring strategies in agricultural streams based on the toxic-unit concept--experiences from long-term measurements. <i>Science of the Total Environment</i> , <b>2014</b> , 484, 84-91	10.2	95
135	Review on the effects of toxicants on freshwater ecosystem functions. <i>Environmental Pollution</i> , <b>2013</b> , 180, 324-9	9.3	95
134	Effects of pesticide toxicity, salinity and other environmental variables on selected ecosystem functions in streams and the relevance for ecosystem services. <i>Science of the Total Environment</i> , <b>2012</b> , 415, 69-78	10.2	92
133	Impacts of invasive plants on resident animals across ecosystems, taxa, and feeding types: a global assessment. <i>Global Change Biology</i> , <b>2016</b> , 22, 594-603	11.4	92
132	Heavy metal uptake and toxicity in the presence of titanium dioxide nanoparticles: a factorial approach using <i>Daphnia magna</i> . <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 6965-72	10.3	90
131	Ecotoxicological impact of the fungicide tebuconazole on an aquatic decomposer-detritivore system. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 2718-24	3.8	87
130	Fungal composition on leaves explains pollutant-mediated indirect effects on amphipod feeding. <i>Aquatic Toxicology</i> , <b>2011</b> , 104, 32-7	5.1	85
129	Effects of current-use fungicides and their mixtures on the feeding and survival of the key shredder <i>Gammarus fossarum</i> . <i>Aquatic Toxicology</i> , <b>2014</b> , 150, 133-43	5.1	72
128	Effects of nanoparticles in fresh waters: risks, mechanisms and interactions. <i>Freshwater Biology</i> , <b>2016</b> , 61, 2185-2196	3.1	71
127	Effects of silver nanoparticle properties, media pH and dissolved organic matter on toxicity to <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 111, 263-70	7	69
126	Effects of municipal wastewater on aquatic ecosystem structure and function in the receiving stream. <i>Science of the Total Environment</i> , <b>2013</b> , 454-455, 401-10	10.2	67
125	Antibiotics as a chemical stressor affecting an aquatic decomposer-detritivore system. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 197-203	3.8	65

124	Effects of fungicides on decomposer communities and litter decomposition in vineyard streams. <i>Science of the Total Environment</i> , <b>2015</b> , 533, 40-8	10.2	61
123	Review on environmental alterations propagating from aquatic to terrestrial ecosystems. <i>Science of the Total Environment</i> , <b>2015</b> , 538, 246-61	10.2	61
122	Nanoparticle toxicity in <i>Daphnia magna</i> reproduction studies: the importance of test design. <i>Aquatic Toxicology</i> , <b>2013</b> , 126, 163-8	5.1	57
121	Does the current fungicide risk assessment provide sufficient protection for key drivers in aquatic ecosystem functioning?. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 1173-81	10.3	57
120	Effects of repeated salt pulses on ecosystem structure and functions in a stream mesocosm. <i>Science of the Total Environment</i> , <b>2014</b> , 476-477, 634-42	10.2	55
119	Effects of subchronic fungicide exposure on the energy processing of <i>Gammarus fossarum</i> (Crustacea; Amphipoda). <i>Ecotoxicology and Environmental Safety</i> , <b>2010</b> , 73, 1674-80	7	54
118	Pesticide mixtures in the Swedish streams: Environmental risks, contributions of individual compounds and consequences of single-substance oriented risk mitigation. <i>Science of the Total Environment</i> , <b>2017</b> , 598, 973-983	10.2	51
117	The functional and physiological status of <i>Gammarus fossarum</i> (Crustacea; Amphipoda) exposed to secondary treated wastewater. <i>Environmental Pollution</i> , <b>2011</b> , 159, 244-249	9.3	51
116	An ecological and ecotoxicological perspective on fine particulate organic matter in streams. <i>Freshwater Biology</i> , <b>2016</b> , 61, 2063-2074	3.1	50
115	Positive effects of wastewater ozonation displayed by in situ bioassays in the receiving stream. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 3774-80	10.3	46
114	Differences in the sensitivity among cryptic lineages of the <i>Gammarus fossarum</i> complex. <i>Science of the Total Environment</i> , <b>2012</b> , 439, 158-64	10.2	45
113	Impact of chemical composition of ecotoxicological test media on the stability and aggregation status of silver nanoparticles. <i>Environmental Science: Nano</i> , <b>2016</b> , 3, 418-433	7.1	42
112	Waterborne toxicity and diet-related effects of fungicides in the key leaf shredder <i>Gammarus fossarum</i> (Crustacea: Amphipoda). <i>Aquatic Toxicology</i> , <b>2015</b> , 169, 105-12	5.1	42
111	Thiacloprid affects trophic interaction between gammarids and mayflies. <i>Environmental Pollution</i> , <b>2012</b> , 167, 41-6	9.3	37
110	Nanosized titanium dioxide reduces copper toxicity—the role of organic material and the crystalline phase. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 1815-22	10.3	36
109	Titanium dioxide nanoparticles increase sensitivity in the next generation of the water flea <i>Daphnia magna</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e48956	3.7	36
108	Cryptic species diversity: an overlooked factor in environmental management?. <i>Journal of Applied Ecology</i> , <b>2014</b> , 51, 958-967	5.8	35
107	Effects of peak exposure scenarios on <i>Gammarus fossarum</i> using field relevant pesticide mixtures. <i>Ecotoxicology and Environmental Safety</i> , <b>2013</b> , 95, 137-43	7	35

106	Ozonation of secondary treated wastewater reduces ecotoxicity to <i>Gammarus fossarum</i> (Crustacea; Amphipoda): are loads of (micro)pollutants responsible?. <i>Water Research</i> , <b>2011</b> , 45, 3999-4007 <sup>12.5</sup>	34
105	Effects of salinity on leaf breakdown: Dryland salinity versus salinity from a coalmine. <i>Aquatic Toxicology</i> , <b>2016</b> , 177, 425-32	5.1 34
104	Size-, surface- and crystalline structure composition-related effects of titanium dioxide nanoparticles during their aquatic life cycle. <i>Science of the Total Environment</i> , <b>2014</b> , 493, 891-7	10.2 32
103	Effects of nano-TiO <sub>2</sub> in combination with ambient UV-irradiation on a leaf shredding amphipod. <i>Chemosphere</i> , <b>2011</b> , 85, 1563-7	8.4 32
102	Composition of riparian litter input regulates organic matter decomposition: Implications for headwater stream functioning in a managed forest landscape. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 1068-1077 <sup>2.8</sup>	29
101	Aging of TiO <sub>2</sub> Nanoparticles Transiently Increases Their Toxicity to the Pelagic Microcrustacean <i>Daphnia magna</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0126021	3.7 29
100	Does Waterborne Exposure Explain Effects Caused by Neonicotinoid-Contaminated Plant Material in Aquatic Systems?. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 5793-5802	10.3 27
99	Inorganic fungicides as routinely applied in organic and conventional agriculture can increase palatability but reduce microbial decomposition of leaf litter. <i>Journal of Applied Ecology</i> , <b>2015</b> , 52, 310-322 <sup>5.8</sup>	26
98	Ecotoxicological evaluation of wastewater ozonation based on detritus-detritivore interactions. <i>Chemosphere</i> , <b>2011</b> , 82, 355-61	8.4 26
97	Modeling Remobilization of Neonicotinoid Residues from Tree Foliage in Streams-A Relevant Exposure Pathway in Risk Assessment?. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 1785-1794	10.3 25
96	Does the presence of titanium dioxide nanoparticles reduce copper toxicity? A factorial approach with the benthic amphipod <i>Gammarus fossarum</i> . <i>Aquatic Toxicology</i> , <b>2015</b> , 165, 154-9	5.1 25
95	Monitoring the Fate and Transformation of Silver Nanoparticles in Natural Waters. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 97, 449-55	2.7 25
94	Titanium dioxide nanoparticles detoxify pirimicarb under UV irradiation at ambient intensities. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 518-23	3.8 25
93	Acute Toxicity and Environmental Risks of Five Veterinary Pharmaceuticals for Aquatic Macroinvertebrates. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 96, 139-43	2.7 24
92	The relative importance of diet-related and waterborne effects of copper for a leaf-shredding invertebrate. <i>Environmental Pollution</i> , <b>2015</b> , 205, 16-22	9.3 23
91	Population response to ozone application in wastewater: an on-site microcosm study with <i>Gammarus fossarum</i> (Crustacea: Amphipoda). <i>Ecotoxicology</i> , <b>2011</b> , 20, 466-73	2.9 23
90	Combined effect of UV-irradiation and TiO <sub>2</sub> nanoparticles on the predator-prey interaction of gammarids and mayfly nymphs. <i>Environmental Pollution</i> , <b>2014</b> , 186, 136-40	9.3 21
89	Combined effect of invertebrate predation and sublethal pesticide exposure on the behavior and survival of <i>Asellus aquaticus</i> (Crustacea; Isopoda). <i>Archives of Environmental Contamination and Toxicology</i> , <b>2012</b> , 63, 77-85	3.2 20

88	Long-term effects of fungicides on leaf-associated microorganisms and shredder populations-an artificial stream study. <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 2178-2189	3.8	19
87	Quantity and quality of natural organic matter influence the ecotoxicity of titanium dioxide nanoparticles. <i>Nanotoxicology</i> , <b>2016</b> , 10, 1415-1421	5.3	19
86	Ecotoxicological evaluation of three tertiary wastewater treatment techniques via meta-analysis and feeding bioassays using <i>Gammarus fossarum</i> . <i>Journal of Hazardous Materials</i> , <b>2011</b> , 192, 772-8	12.8	19
85	Microplastics in terrestrial ecosystems: Moving beyond the state of the art to minimize the risk of ecological surprise. <i>Global Change Biology</i> , <b>2021</b> , 27, 3969-3986	11.4	19
84	History matters: Heterotrophic microbial community structure and function adapt to multiple stressors. <i>Global Change Biology</i> , <b>2018</b> , 24, e402-e415	11.4	19
83	Structural and functional effects of a short-term pyrethroid pulse exposure on invertebrates in outdoor stream mesocosms. <i>Science of the Total Environment</i> , <b>2018</b> , 610-611, 810-819	10.2	18
82	Mitigation of fungicide pollution in detention ponds and vegetated ditches within a vine-growing area in Germany. <i>Ecological Engineering</i> , <b>2016</b> , 89, 121-130	3.9	18
81	Exposure pathway-dependent effects of the fungicide epoxiconazole on a decomposer-detritivore system. <i>Science of the Total Environment</i> , <b>2016</b> , 571, 992-1000	10.2	17
80	Variability in ecosystem structure and functioning in a low order stream: Implications of land use and season. <i>Science of the Total Environment</i> , <b>2015</b> , 538, 341-9	10.2	15
79	Mercury-contaminated sediments affect amphipod feeding. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2011</b> , 60, 437-43	3.2	15
78	Resilience in Environmental Risk and Impact Assessment: Concepts and Measurement. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2018</b> , 101, 543-548	2.7	15
77	Narrow pH Range of Surface Water Bodies Receiving Pesticide Input in Europe. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 96, 3-8	2.7	14
76	Relative importance of dietary uptake and waterborne exposure for a leaf-shredding amphipod exposed to thiacloprid-contaminated leaves. <i>Scientific Reports</i> , <b>2017</b> , 7, 16182	4.9	14
75	Forest streams are important sources for nitrous oxide emissions. <i>Global Change Biology</i> , <b>2020</b> , 26, 629-644	6.1	13
74	Palladium Nanoparticles: Is There a Risk for Aquatic Ecosystems?. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 97, 153-8	2.7	13
73	Interactive effects of an insecticide and a fungicide on different organism groups and ecosystem functioning in a stream detrital food web. <i>Aquatic Toxicology</i> , <b>2017</b> , 186, 215-221	5.1	12
72	Runoff of veterinary pharmaceuticals from arable and grassland: A comparison between predictions from model simulations and experimental studies. <i>Agriculture, Ecosystems and Environment</i> , <b>2016</b> , 218, 33-39	5.7	12
71	Nanoparticles transported from aquatic to terrestrial ecosystems via emerging aquatic insects compromise subsidy quality. <i>Scientific Reports</i> , <b>2019</b> , 9, 15676	4.9	12

70	A glance into the black box: Novel species-specific quantitative real-time PCR assays to disentangle aquatic hyphomycete community composition. <i>Fungal Ecology</i> , <b>2019</b> , 42, 100858	4.1	12
69	Effects of two sorbents applied to mercury-contaminated river sediments on bioaccumulation in and detrital processing by <i>Hyalella azteca</i> . <i>Journal of Soils and Sediments</i> , <b>2015</b> , 15, 1265-1274	3.4	12
68	Mitigation of biocide and fungicide concentrations in flow-through vegetated stream mesocosms. <i>Journal of Environmental Quality</i> , <b>2013</b> , 42, 1889-95	3.4	12
67	Synthesis, characterization, and ecotoxicity of CeO <sub>2</sub> nanoparticles with differing properties. <i>Journal of Nanoparticle Research</i> , <b>2016</b> , 18, 1	2.3	12
66	Does long-term fungicide exposure affect the reproductive performance of leaf-shredders? A partial life-cycle study using <i>Hyalella azteca</i> . <i>Environmental Pollution</i> , <b>2017</b> , 222, 458-464	9.3	11
65	Partitioning spatial, environmental, and community drivers of ecosystem functioning. <i>Landscape Ecology</i> , <b>2019</b> , 34, 2371-2384	4.3	11
64	Photocatalytic properties of titanium dioxide nanoparticles affect habitat selection of and food quality for a key species in the leaf litter decomposition process. <i>Environmental Pollution</i> , <b>2015</b> , 196, 276-83	9.3	11
63	Do titanium dioxide nanoparticles induce food depletion for filter feeding organisms? A case study with <i>Daphnia magna</i> . <i>Environmental Pollution</i> , <b>2016</b> , 214, 840-846	9.3	11
62	Environmental risk or benefit? Comprehensive risk assessment of groundwater treated with nano Fe-based Carbo-Iron <sup>®</sup> . <i>Science of the Total Environment</i> , <b>2019</b> , 677, 156-166	10.2	10
61	Cryptic lineages--same but different?. <i>Integrated Environmental Assessment and Management</i> , <b>2013</b> , 9, 172-3	2.5	10
60	Antibiotic mixture effects on growth of the leaf-shredding stream detritivore <i>Gammarus fossarum</i> . <i>Ecotoxicology</i> , <b>2017</b> , 26, 547-554	2.9	10
59	History Matters: Pre-Exposure to Wastewater Enhances Pesticide Toxicity in Invertebrates. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 9280-9287	10.3	10
58	Microbially-mediated indirect effects of silver nanoparticles on aquatic invertebrates. <i>Aquatic Sciences</i> , <b>2018</b> , 80, 1	2.5	10
57	Exposure pathway dependent effects of titanium dioxide and silver nanoparticles on the benthic amphipod <i>Gammarus fossarum</i> . <i>Aquatic Toxicology</i> , <b>2019</b> , 212, 47-53	5.1	9
56	Quantitative real-time PCR as a promising tool for the detection and quantification of leaf-associated fungal species - A proof-of-concept using <i>Alatospora pulchella</i> . <i>PLoS ONE</i> , <b>2017</b> , 12, e0174634	2.7	9
55	When significance becomes insignificant: Effect sizes and their uncertainties in Bayesian and frequentist frameworks as an alternative approach when analyzing ecotoxicological data. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 1949-1955	3.8	9
54	The challenge: chemical and ecotoxicological characterization of wastewater treatment plant effluents. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 2407	3.8	9
53	Nanosized titanium dioxide influences copper-induced toxicity during aging as a function of environmental conditions. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 1766-74	3.8	9

52	The importance of diet-related effects of the antibiotic ciprofloxacin on the leaf-shredding invertebrate <i>Gammarus fossarum</i> (Crustacea; Amphipoda). <i>Aquatic Toxicology</i> , <b>2020</b> , 222, 105461	5.1	8
51	Blinded by the light: Increased chlorophyll fluorescence of herbicide-exposed periphyton masks unfavorable structural responses during exposure and recovery. <i>Aquatic Toxicology</i> , <b>2018</b> , 203, 187-193	5.1	8
50	Does insecticide drift adversely affect grasshoppers (Orthoptera: Saltatoria) in field margins? A case study combining laboratory acute toxicity testing with field monitoring data. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 1874-9	3.8	8
49	UV-irradiation and leaching in water reduce the toxicity of imidacloprid-contaminated leaves to the aquatic leaf-shredding amphipod <i>Gammarus fossarum</i> . <i>Environmental Pollution</i> , <b>2018</b> , 236, 119-125	9.3	7
48	Do differences in sensitivity between native and invasive amphipods explain their coexistence in Lake Constance? A case study with lambda-cyhalothrin. <i>Chemosphere</i> , <b>2013</b> , 92, 483-9	8.4	7
47	The mode of bioturbation triggers pesticide remobilization from aquatic sediments. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 130, 171-6	7	7
46	Resilience in ecotoxicology: Toward a multiple equilibrium concept. <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 2574-2580	3.8	6
45	Repeated pulse exposures to lambda-cyhalothrin affect the behavior, physiology, and survival of the damselfly larvae <i>Ischnura graellsii</i> (Insecta; Odonata). <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 144, 107-114	7	6
44	Assessing the effects of field-relevant pesticide mixtures for their compliance with the concentration addition model - An experimental approach with <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , <b>2018</b> , 644, 342-349	10.2	6
43	The evil within? Systemic fungicide application in trees enhances litter quality for an aquatic decomposer-detritivore system. <i>Environmental Pollution</i> , <b>2018</b> , 241, 549-556	9.3	6
42	Food-related exposure to systemic pesticides and pesticides from transgenic plants: evaluation of aquatic test strategies. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	6
41	Ecotoxicology. <i>Environmental Toxicology and Chemistry</i> , <b>2013</b> , 32, 734-5	3.8	6
40	A blessing in disguise? Natural organic matter reduces the UV light-induced toxicity of nanoparticulate titanium dioxide. <i>Science of the Total Environment</i> , <b>2019</b> , 663, 518-526	10.2	6
39	Multiple exposure routes of a pesticide exacerbate effects on a grazing mayfly. <i>Aquatic Toxicology</i> , <b>2016</b> , 178, 190-6	5.1	6
38	Misuse of null hypothesis significance testing: would estimation of positive and negative predictive values improve certainty of chemical risk assessment?. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 7341-7	5.1	5
37	Procedure to select test organisms for environmental risk assessment of genetically modified crops in aquatic systems. <i>Integrated Environmental Assessment and Management</i> , <b>2017</b> , 13, 974-979	2.5	5
36	Impacts of Contaminants on the Ecological Role of Lotic Biofilms. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2015</b> , 95, 421-7	2.7	5
35	Decoupled structure and function of leaf-associated microorganisms under anthropogenic pressure: Potential hurdles for environmental monitoring. <i>Freshwater Science</i> , <b>2020</b> , 39, 652-664	2	5

34	Oxidized Carbo-Iron causes reduced reproduction and lower tolerance of juveniles in the amphipod <i>Hyalella azteca</i> . <i>Aquatic Toxicology</i> , <b>2016</b> , 181, 94-103	5.1	5
33	Waterborne and diet-related effects of inorganic and organic fungicides on the insect leaf shredder <i>Chaetopteryx villosa</i> (Trichoptera). <i>Aquatic Toxicology</i> , <b>2019</b> , 206, 33-42	5.1	5
32	What are the effects of control of mosquitoes and other nematoceran Diptera using the microbial agent <i>Bacillus thuringiensis israelensis</i> (Bti) on aquatic and terrestrial ecosystems? A systematic review protocol. <i>Environmental Evidence</i> , <b>2019</b> , 8,	3.3	4
31	Is <i>Hyalella azteca</i> a Suitable Model Leaf-Shredding Benthic Crustacean for Testing the Toxicity of Sediment-Associated Metals in Europe?. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2019</b> , 102, 303-309	2.7	4
30	Prioritizing stream types according to their potential risk to receive crop plant material--A GIS-based procedure to assist in the risk assessment of genetically modified crops and systemic insecticide residues. <i>Science of the Total Environment</i> , <b>2016</b> , 547, 226-233	10.2	4
29	The Fungicide Tebuconazole Confounds Concentrations of Molecular Biomarkers Estimating Fungal Biomass. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2020</b> , 105, 620-625	2.7	4
28	Wastewater alters feeding rate but not vitellogenin level of <i>Gammarus fossarum</i> (Amphipoda). <i>Science of the Total Environment</i> , <b>2019</b> , 657, 1246-1252	10.2	4
27	Environmentally relevant fungicide levels modify fungal community composition and interactions but not functioning. <i>Environmental Pollution</i> , <b>2021</b> , 285, 117234	9.3	4
26	Transient effects following peak exposures towards pesticides - An explanation for the unresponsiveness of in situ measured functional variables. <i>Environmental Pollution</i> , <b>2017</b> , 231, 1393-1397	9.3	3
25	Effects of a Systemic Pesticide Along an Aquatic Tri-Trophic Food Chain. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2019</b> , 103, 507-514	2.7	3
24	Fungal-fungal and fungal-bacterial interactions in aquatic decomposer communities: bacteria promote fungal diversity. <i>Ecology</i> , <b>2021</b> , 102, e03471	4.6	3
23	Effect of Bt toxin Cry1Ab on two freshwater caddisfly shredders - an attempt to establish dose-effect relationships through food-spiking. <i>Scientific Reports</i> , <b>2020</b> , 10, 5262	4.9	2
22	Pathways of Contaminant Transport Across the Aquatic-Terrestrial Interface: Implications for Terrestrial Consumers, Ecosystems, and Management <b>2020</b> , 35-57		2
21	Multiple Stressors in Aquatic Ecosystems: Sublethal Effects of Temperature, Dissolved Organic Matter, Light and a Neonicotinoid Insecticide on Gammarids. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2020</b> , 105, 345-350	2.7	2
20	Similar recovery time of microbial functions from fungicide stress across biogeographical regions. <i>Scientific Reports</i> , <b>2018</b> , 8, 17021	4.9	2
19	Aquatic Biofilms-Sink or Source of Microplastics? A Critical Reflection on Current Knowledge. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> ,	3.8	2
18	Ecotoxicology <b>2018</b> , 225-239		1
17	Contaminant fluxes across ecosystems mediated by aquatic insects.. <i>Current Opinion in Insect Science</i> , <b>2022</b> , 50, 100885	5.1	1



16	Herbicide-Induced Shifts in the Periphyton Community Composition Indirectly Affect Feeding Activity and Physiology of the Gastropod Grazer. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 14699-14709	10.3	1
15	Reduction of Pesticide Toxicity Under Field-Relevant Conditions? The Interaction of Titanium Dioxide Nanoparticles, Ultraviolet, and Natural Organic Matter. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> , 39, 2237-2246	3.8	1
14	Effects of copper in Daphnia are modulated by nanosized titanium dioxide and natural organic matter: what is the impact of aging duration?. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 13991-13999	5.1	1
13	How Toxicants Influence Organic Matter Decomposition in Streams <b>2021</b> , 379-410		1
12	Distribution of engineered Ag nanoparticles in the aquatic-terrestrial transition zone: a long-term indoor floodplain mesocosm study. <i>Environmental Science: Nano</i> , <b>2021</b> , 8, 1771-1785	7.1	1
11	Infochemicals Influence Neonicotinoid Toxicity-Impact in Leaf Consumption, Growth, and Predation of the Amphipod Gammarus fossarum. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> , 39, 1755-1764	3.8	0
10	Nanosized titanium dioxide elevates toxicity of cationic metals species for - have aging and natural organic matter an unexpected impact?. <i>Nanotoxicology</i> , <b>2022</b> , 1-13	5.3	0
9	Responses of multiple structural and functional indicators along three contrasting disturbance gradients. <i>Ecological Indicators</i> , <b>2022</b> , 135, 108514	5.8	0
8	Bottom-up effects of fungicides on tadpoles of the European common frog (). <i>Ecology and Evolution</i> , <b>2021</b> , 11, 4353-4365	2.8	0
7	Pesticide effects on macroinvertebrates and leaf litter decomposition in areas with traditional agriculture.. <i>Science of the Total Environment</i> , <b>2022</b> , 154549	10.2	0
6	In Situ Exposure of Aquatic Invertebrates to Detect the Effects of Point and Nonpoint Source-Related Chemical Pollution in Aquatic Ecosystems. <i>Methods in Pharmacology and Toxicology</i> , <b>2019</b> , 1	1.1	
5	Addendum to the article: Misuse of null hypothesis significance testing: Would estimation of positive and negative predictive values improve certainty of chemical risk assessment?. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 3955-7	5.1	
4	In conclusion. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 2411-2	3.8	
3	Studying Effects of Contaminants on Aquatic-Terrestrial Subsidies: Experimental Designs Using Outdoor and Indoor Mesocosms and Microcosms <b>2020</b> , 279-296		
2	Mixture effects of a fungicide and an antibiotic: Assessment and prediction using a decomposer-detritivore system. <i>Aquatic Toxicology</i> , <b>2021</b> , 232, 105762	5.1	
1	Photoactive titanium dioxide nanoparticles modify heterotrophic microbial functioning. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 49550-49558	5.1	