

Jörg Oehlmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5303337/publications.pdf>

Version: 2024-02-01

172
papers

9,815
citations

28190

55
h-index

40881

93
g-index

187
all docs

187
docs citations

187
times ranked

8430
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical analysis of the biological impacts of plasticizers on wildlife. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 2047-2062.	1.8	646
2	TBT-induced imposex in marine neogastropods is mediated by an increasing androgen level. <i>Helgoländer Meeresuntersuchungen</i> , 1996, 50, 299-317.	0.2	269
3	Why Public Health Agencies Cannot Depend on Good Laboratory Practices as a Criterion for Selecting Data: The Case of Bisphenol A. <i>Environmental Health Perspectives</i> , 2009, 117, 309-315.	2.8	268
4	Endocrine disruptors in bottled mineral water: total estrogenic burden and migration from plastic bottles. <i>Environmental Science and Pollution Research</i> , 2009, 16, 278-286.	2.7	265
5	Spoilt for choice: A critical review on the chemical and biological assessment of current wastewater treatment technologies. <i>Water Research</i> , 2015, 87, 237-270.	5.3	255
6	Comparative responses of molluscs and fish to environmental estrogens and an estrogenic effluent. <i>Aquatic Toxicology</i> , 2003, 65, 205-220.	1.9	252
7	Effects of endocrine disruptors on prosobranch snails (Mollusca: Gastropoda) in the laboratory. Part I: Bisphenol A and octylphenol as xeno-estrogens. <i>Ecotoxicology</i> , 2000, 9, 383-397.	1.1	246
8	What are the drivers of microplastic toxicity? Comparing the toxicity of plastic chemicals and particles to <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2020, 267, 115392.	3.7	191
9	The morphological expression of imposex in <i>Hinia reticulata</i> (Gastropoda: Buccinidae): a potential indicator of tributyltin pollution. <i>Marine Biology</i> , 1992, 113, 625-636.	0.7	179
10	Comparative responses of molluscs and fish to environmental estrogens and an estrogenic effluent. <i>Aquatic Toxicology</i> , 2004, 66, 207-222.	1.9	165
11	Comparative toxicity assessment of ozone and activated carbon treated sewage effluents using an in vivo test battery. <i>Water Research</i> , 2010, 44, 2610-2620.	5.3	163
12	Bisphenol A Induces Superfeminization in the Ramshorn Snail (Gastropoda: Prosobranchia) at Environmentally Relevant Concentrations. <i>Environmental Health Perspectives</i> , 2006, 114, 127-133.	2.8	159
13	Toxication or detoxication? In vivo toxicity assessment of ozonation as advanced wastewater treatment with the rainbow trout. <i>Water Research</i> , 2010, 44, 439-448.	5.3	153
14	Tributyltin (TBT) effects on <i>Ocenebrina aciculata</i> (Gastropoda: Muricidae): imposex development, sterilization, sex change and population decline. <i>Science of the Total Environment</i> , 1996, 188, 205-223.	3.9	147
15	A critical evaluation of the environmental risk assessment for plasticizers in the freshwater environment in Europe, with special emphasis on bisphenol A and endocrine disruption. <i>Environmental Research</i> , 2008, 108, 140-149.	3.7	145
16	Endocrine disruption in prosobranch molluscs: evidence and ecological relevance. <i>Ecotoxicology</i> , 2007, 16, 29-43.	1.1	143
17	Removal of antibiotics in wastewater by enzymatic treatment with fungal laccase – Degradation of compounds does not always eliminate toxicity. <i>Bioresource Technology</i> , 2016, 219, 500-509.	4.8	142
18	Evaluating the efficiency of advanced wastewater treatment: Target analysis of organic contaminants and (geno-)toxicity assessment tell a different story. <i>Water Research</i> , 2014, 50, 35-47.	5.3	134

#	ARTICLE	IF	CITATIONS
19	Stimulated embryo production as a parameter of estrogenic exposure via sediments in the freshwater mudsnail <i>Potamopyrgus antipodarum</i> . <i>Aquatic Toxicology</i> , 2003, 64, 437-449.	1.9	133
20	Prosobranch snails as test organisms for the assessment of endocrine active chemicals – an overview and a guideline proposal for a reproduction test with the freshwater mudsnail <i>Potamopyrgus antipodarum</i> . <i>Ecotoxicology</i> , 2007, 16, 169-182.	1.1	122
21	THE MORPHOLOGICAL EXPRESSION OF IMPOSEX IN <i>NUCELLA LAPILLUS</i> (LINNAEUS) (GASTROPODA:). <i>Journal of Environmental and Development</i> , 2004, 13, 107-121.	0.4	121
22	Effects of Pharmaceuticals on Aquatic Invertebrates. Part I. The Antiepileptic Drug Carbamazepine. <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 49, 353-361.	2.1	118
23	Ecotoxicological effect characterisation of widely used organic UV filters. <i>Environmental Pollution</i> , 2012, 163, 84-90.	3.7	115
24	Evidence for Endocrine Disruption in Invertebrates. <i>International Review of Cytology</i> , 2004, 236, 1-44.	6.2	114
25	Endocrine modulation and toxic effects of two commonly used UV screens on the aquatic invertebrates <i>Potamopyrgus antipodarum</i> and <i>Lumbriculus variegatus</i> . <i>Environmental Pollution</i> , 2008, 152, 322-329.	3.7	112
26	Ozonation and activated carbon treatment of sewage effluents: Removal of endocrine activity and cytotoxicity. <i>Water Research</i> , 2011, 45, 1015-1024.	5.3	110
27	DESCRIPTION AND INITIAL EVALUATION OF A <i>XENOPUS</i> METAMORPHOSIS ASSAY FOR DETECTION OF THYROID SYSTEM – DISRUPTING ACTIVITIES OF ENVIRONMENTAL COMPOUNDS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 653.	2.2	106
28	Endocrine disruptors in bottled mineral water: Estrogenic activity in the E-Screen. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 128-135.	1.2	106
29	Acute and chronic toxicity of four frequently used UV filter substances for <i>Desmodesmus subspicatus</i> and <i>Daphnia magna</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1311-1319.	0.9	106
30	Acute and chronic toxicity of benzotriazoles to aquatic organisms. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1781-1790.	2.7	103
31	Reproductive stimulation by low doses of xenoestrogens contrasts with the view of hormesis as an adaptive response. <i>Human and Experimental Toxicology</i> , 2005, 24, 431-437.	1.1	100
32	Plastic Products Leach Chemicals That Induce <i>In Vitro</i> Toxicity under Realistic Use Conditions. <i>Environmental Science & Technology</i> , 2021, 55, 11814-11823.	4.6	97
33	Comparative Toxicity Assessment of Nanosilver on Three <i>Daphnia</i> Species in Acute, Chronic and Multi-Generation Experiments. <i>PLoS ONE</i> , 2013, 8, e75026.	1.1	97
34	Endocrine disruption in invertebrates. <i>Pure and Applied Chemistry</i> , 2003, 75, 2207-2218.	0.9	95
35	Effects of endocrine disruptors on prosobranch snails (Mollusca: Gastropoda) in the laboratory. Part III: Cyproterone acetate and vinclozolin as antiandrogens. <i>Ecotoxicology</i> , 2001, 10, 373-388.	1.1	93
36	Effects of endocrine disruptors on prosobranch snails (Mollusca: Gastropoda) in the laboratory. Part II: Triphenyltin as a xeno-androgen. <i>Ecotoxicology</i> , 2000, 9, 399-412.	1.1	90

#	ARTICLE	IF	CITATIONS
37	<i>Hinia reticulata</i> and <i>Nucella lapillus</i> . Comparison of two gastropod tributyltin bioindicators. <i>Marine Biology</i> , 1992, 114, 289-296.	0.7	87
38	A comparison of heavy metal deposition in selected Eastern European countries using the moss monitoring method, with special emphasis on the "Black Triangle"™. <i>Science of the Total Environment</i> , 1996, 193, 85-100.	3.9	86
39	TBT effects on the female genital system of <i>Littorina littorea</i> : a possible indicator of tributyltin pollution. <i>Hydrobiologia</i> , 1995, 309, 15-27.	1.0	78
40	Removal of Endocrine Disrupting Chemicals in Wastewater by Enzymatic Treatment with Fungal Laccases. <i>Organic Process Research and Development</i> , 2017, 21, 480-491.	1.3	74
41	Marine TBT antifouling contamination in Ireland, following legislation in 1987. <i>Marine Pollution Bulletin</i> , 1995, 30, 633-639.	2.3	72
42	Multi-generation studies with <i>Chironomus riparius</i> " Effects of low tributyltin concentrations on life history parameters and genetic diversity. <i>Chemosphere</i> , 2007, 67, 2192-2200.	4.2	66
43	Rapid genetic erosion in pollutant-exposed experimental chironomid populations. <i>Environmental Pollution</i> , 2009, 157, 881-886.	3.7	66
44	Occurrence, fate, removal and assessment of emerging contaminants in water in the water cycle (from wastewater to drinking water). <i>Water Research</i> , 2015, 72, 1-2.	5.3	65
45	Toxicity of triphenyltin and tributyltin to the freshwater mudsnail <i>Potamopyrgus antipodarum</i> in a new sediment biotest. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 145-52.	2.2	65
46	Biological indicators used to map organotin contamination in Cork Harbour, Ireland. <i>Marine Pollution Bulletin</i> , 1996, 32, 188-195.	2.3	64
47	The use of <i>Littorina littorea</i> for tributyltin (TBT) effect monitoring " Results from the German TBT survey 1994/1995 and laboratory experiments. <i>Environmental Pollution</i> , 1997, 96, 299-309.	3.7	63
48	Toxicity of triphenyltin and tributyltin to the freshwater mud snail <i>Potamopyrgus antipodarum</i> in a new sediment biotest. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 145-152.	2.2	62
49	Chapter 17 Molluscs as bioindicators. <i>Trace Metals and Other Contaminants in the Environment</i> , 2003, 6, 577-635.	0.1	62
50	Sexual dimorphism in esterified steroid levels in the gastropod <i>Marisa cornuarietis</i> : The effect of xenoandrogenic compounds. <i>Steroids</i> , 2006, 71, 435-444.	0.8	61
51	Whole effluent toxicity assessment at a wastewater treatment plant upgraded with a full-scale post-ozonation using aquatic key species. <i>Chemosphere</i> , 2012, 88, 1008-1014.	4.2	61
52	Long-term effects of nanoscaled titanium dioxide on the cladoceran <i>Daphnia magna</i> over six generations. <i>Environmental Pollution</i> , 2014, 186, 180-186.	3.7	60
53	<i>Marisa cornuarietis</i> (Gastropoda, prosobranchia): a potential TBT bioindicator for freshwater environments. <i>Ecotoxicology</i> , 1995, 4, 372-384.	1.1	58
54	Tributyltin biomonitoring using prosobranchs as sentinel organisms. <i>Analytical and Bioanalytical Chemistry</i> , 1996, 354, 540-545.	1.9	58

#	ARTICLE	IF	CITATIONS
55	Title is missing!. <i>Hydrobiologia</i> , 1998, 378, 199-213.	1.0	58
56	Integrated Evaluation Concept to Assess the Efficacy of Advanced Wastewater Treatment Processes for the Elimination of Micropollutants and Pathogens. <i>Environmental Science & Technology</i> , 2017, 51, 308-319.	4.6	55
57	Effects of carbamazepine and two of its metabolites on the non-biting midge <i>Chironomus riparius</i> in a sediment full life cycle toxicity test. <i>Water Research</i> , 2016, 98, 19-27.	5.3	54
58	Consequences of inbreeding and reduced genetic variation on tolerance to cadmium stress in the midge <i>Chironomus riparius</i> . <i>Aquatic Toxicology</i> , 2007, 85, 278-284.	1.9	53
59	Deposition and disease: a moss monitoring project as an approach to ascertaining potential connections. <i>Science of the Total Environment</i> , 2000, 249, 243-256.	3.9	51
60	Epigenetic alterations and decreasing insecticide sensitivity of the Asian tiger mosquito <i>Aedes albopictus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 45-53.	2.9	51
61	Imposex and reproductive failure in <i>Hydrobia ulvae</i> (Gastropoda: Prosobranchia). <i>Marine Biology</i> , 1997, 128, 257-266.	0.7	50
62	Biomonitoring of metal contamination in a marine prosobranch snail (<i>Nassarius reticulatus</i>) by imaging laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS). <i>Talanta</i> , 2009, 80, 428-433.	2.9	50
63	Toxicity of silver nanoparticles and ionic silver: Comparison of adverse effects and potential toxicity mechanisms in the freshwater clam <i>Sphaerium corneum</i> . <i>Nanotoxicology</i> , 2015, 9, 677-685.	1.6	50
64	Freshwater mudsnail (<i>Potamopyrgus antipodarum</i>) estrogen receptor: Identification and expression analysis under exposure to (xeno-)hormones. <i>Ecotoxicology and Environmental Safety</i> , 2012, 75, 94-101.	2.9	49
65	Migration of plasticisers from Tritan [®] and polycarbonate bottles and toxicological evaluation. <i>Food Chemistry</i> , 2013, 141, 373-380.	4.2	49
66	Do Contaminants Originating from State-of-the-Art Treated Wastewater Impact the Ecological Quality of Surface Waters?. <i>PLoS ONE</i> , 2013, 8, e60616.	1.1	49
67	Development and validation of an OECD reproductive toxicity test guideline with the pond snail <i>Lymnaea stagnalis</i> (Mollusca, Gastropoda). <i>Regulatory Toxicology and Pharmacology</i> , 2014, 70, 605-614.	1.3	49
68	The Biological Effects and Possible Modes of Action of Nanosilver. <i>Reviews of Environmental Contamination and Toxicology</i> , 2013, 223, 81-106.	0.7	48
69	Is There a Causal Association between Genotoxicity and the Imposex Effect?. <i>Environmental Health Perspectives</i> , 2006, 114, 20-26.	2.8	47
70	Biological indicators used to map organotin contamination from a fishing port, Killybegs, Ireland. <i>Marine Pollution Bulletin</i> , 1997, 34, 235-243.	2.3	46
71	Reproductive toxicity of bisphenol A and cadmium in <i>Potamopyrgus antipodarum</i> and modulation of bisphenol A effects by different test temperature. <i>Environmental Pollution</i> , 2011, 159, 2766-2774.	3.7	45
72	Life stage-specific effects of the fungicide pyrimethanil and temperature on the snail <i>Physella acuta</i> (Draparnaud, 1805) disclose the pitfalls for the aquatic risk assessment under global climate change. <i>Environmental Pollution</i> , 2013, 174, 1-9.	3.7	45

#	ARTICLE	IF	CITATIONS
73	Incubation in Wastewater Reduces the Multigenerational Effects of Microplastics in <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2021, 55, 2491-2499.	4.6	45
74	Impact of a flood disaster on sediment toxicity in a major river system – the Elbe flood 2002 as a case study. <i>Environmental Pollution</i> , 2005, 134, 87-95.	3.7	44
75	TBT effects on the female genital system of <i>Littorina littorea</i> : a possible indicator of tributyltin pollution. , 1995, , 15-27.		44
76	Effects of cadmium and tributyltin on development and reproduction of the non-biting midge <i>Chironomus riparius</i> (Diptera) – baseline experiments for future multi-generation studies. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007, 42, 1-9.	0.9	43
77	Advancing Biological Wastewater Treatment: Extended Anaerobic Conditions Enhance the Removal of Endocrine and Dioxin-like Activities. <i>Environmental Science & Technology</i> , 2016, 50, 10606-10615.	4.6	43
78	Aquatic ecotoxicity of the fungicide pyrimethanil: Effect profile under optimal and thermal stress conditions. <i>Environmental Pollution</i> , 2012, 168, 161-169.	3.7	42
79	Estrogens in the daily diet: In vitro analysis indicates that estrogenic activity is omnipresent in foodstuff and infant formula. <i>Food and Chemical Toxicology</i> , 2011, 49, 2681-2688.	1.8	41
80	Comparison of imposex response in three Prosobranch species. <i>Hydrobiologia</i> , 1995, 309, 29-35.	1.0	40
81	Extended anaerobic conditions in the biological wastewater treatment: Higher reduction of toxicity compared to target organic micropollutants. <i>Water Research</i> , 2017, 116, 220-230.	5.3	39
82	What you extract is what you see: Optimising the preparation of water and wastewater samples for in vitro bioassays. <i>Water Research</i> , 2019, 152, 47-60.	5.3	39
83	One planet: one health. A call to support the initiative on a global science – policy body on chemicals and waste. <i>Environmental Sciences Europe</i> , 2022, 34, 21.	2.6	39
84	The rough tingle <i>Ocenebra erinacea</i> (Neogastropoda: muricidae): An exhibitor of imposex in comparison to <i>Nucella lapillus</i> . <i>Helgoländer Meeresuntersuchungen</i> , 1992, 46, 311-328.	0.2	37
85	Bioaccumulation of 14C-17 β -ethinylestradiol by the aquatic oligochaete <i>Lumbriculus variegatus</i> in spiked artificial sediment. <i>Chemosphere</i> , 2005, 59, 271-280.	4.2	37
86	Combined effects of silver nanoparticles and 17 β -ethinylestradiol on the freshwater mudsnail <i>Potamopyrgus antipodarum</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 10661-10670.	2.7	34
87	Imposex development in response to TBT pollution in <i>Hinia incrassata</i> (Ström, 1768) (Prosobranchia.) Tj ETQq1 1 0.784314 rgBT /Over Fioroni, Münster, Germany, on the occasion of his 65th birthday.1. <i>Aquatic Toxicology</i> , 1998, 43, 239-260.	1.9	33
88	Chemicals associated with biodegradable microplastic drive the toxicity to the freshwater oligochaete <i>Lumbriculus variegatus</i> . <i>Aquatic Toxicology</i> , 2021, 231, 105723.	1.9	33
89	General Aspects of Heavy Metal Monitoring by Plants and Animals. <i>ACS Symposium Series</i> , 1997, , 19-29.	0.5	32
90	Occurrence of widely used organic UV filters in lake and river sediments. <i>Environmental Chemistry</i> , 2012, 9, 139.	0.7	32

#	ARTICLE	IF	CITATIONS
91	Simulated climate change conditions unveil the toxic potential of the fungicide pyrimethanil on the midge <i>Chironomus riparius</i> : a multigeneration experiment. <i>Ecology and Evolution</i> , 2012, 2, 196-210.	0.8	32
92	Effectivity of advanced wastewater treatment: reduction of in vitro endocrine activity and mutagenicity but not of in vivo reproductive toxicity. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3965-3976.	2.7	32
93	Enhanced in vitro toxicity of plastic leachates after UV irradiation. <i>Water Research</i> , 2021, 199, 117203.	5.3	32
94	Identification of Putative Steroid Receptor Antagonists in Bottled Water: Combining Bioassays and High-Resolution Mass Spectrometry. <i>PLoS ONE</i> , 2013, 8, e72472.	1.1	30
95	Are In Vitro Methods for the Detection of Endocrine Potentials in the Aquatic Environment Predictive for In Vivo Effects? Outcomes of the Projects SchussenAktiv and SchussenAktivplus in the Lake Constance Area, Germany. <i>PLoS ONE</i> , 2014, 9, e98307.	1.1	29
96	Some Chemical Contaminant of Surface Sediments at the Baltic Sea Coastal Region with Special Emphasis on Androgenic and Anti-Androgenic Compounds. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006, 41, 2127-2162.	0.9	28
97	Imposex development in <i>Nucella lapillus</i> – Evidence for the involvement of retinoid X receptor and androgen signalling pathways in vivo. <i>Aquatic Toxicology</i> , 2012, 106-107, 20-24.	1.9	28
98	Deriving bioequivalents from in vitro bioassays: Assessment of existing uncertainties and strategies to improve accuracy and reporting. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1906-1917.	2.2	27
99	Effects of boric acid on various microbes, plants, and soil invertebrates. <i>Journal of Soils and Sediments</i> , 2011, 11, 238-248.	1.5	26
100	Interaction between genetic diversity and temperature stress on life-cycle parameters and genetic variability in midge <i>Chironomus riparius</i> populations. <i>Climate Research</i> , 2007, 33, 207-214.	0.4	26
101	Interactive effects of xenobiotic, abiotic and biotic stressors on <i>Daphnia pulex</i> – Results from a multiple stressor experiment with a fractional multifactorial design. <i>Aquatic Toxicology</i> , 2013, 138-139, 105-115.	1.9	25
102	Effects of diapause and cold acclimation on egg ultrastructure: new insights into the cold hardiness mechanisms of the Asian tiger mosquito <i>Aedes (Stegomyia) albopictus</i> . <i>Journal of Vector Ecology</i> , 2016, 41, 142-150.	0.5	24
103	Effects of cadmium on life-cycle parameters in a multi-generation study with <i>Chironomus riparius</i> following a pre-exposure of populations to two different tributyltin concentrations for several generations. <i>Ecotoxicology</i> , 2010, 19, 1174-1182.	1.1	23
104	SchussenAktivplus: reduction of micropollutants and of potentially pathogenic bacteria for further water quality improvement of the river Schussen, a tributary of Lake Constance, Germany. <i>Environmental Sciences Europe</i> , 2013, 25, .	2.6	22
105	Ecotoxicological impacts of surface water and wastewater from conventional and advanced treatment technologies on brood size, larval length, and cytochrome P450 (3A3) expression in <i>Caenorhabditis elegans</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 13868-13880.	2.7	22
106	Detection of chemically induced ecotoxicological effects in rivers of the Nidda catchment (Hessen,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 system. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	22
107	Risk assessment for organic trace compounds in wastewater: comparison of conventional and advanced treatment. <i>Water Science and Technology</i> , 2007, 56, 9-13.	1.2	20
108	Optimizing the design of a reproduction toxicity test with the pond snail <i>Lymnaea stagnalis</i> . <i>Regulatory Toxicology and Pharmacology</i> , 2016, 81, 47-56.	1.3	20

#	ARTICLE	IF	CITATIONS
109	The antimicrobial agents triclocarban and triclosan as potent modulators of reproduction in <i>Potamopyrgus antipodarum</i> (Mollusca: Hydrobiidae). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 1173-1179.	0.9	19
110	Cold tolerance of the Asian tiger mosquito <i>Aedes albopictus</i> and its response to epigenetic alterations. <i>Journal of Insect Physiology</i> , 2017, 99, 113-121.	0.9	19
111	Impact of an estrogenic sewage treatment plant effluent on life-history traits of the freshwater amphipod <i>Gammarus pulex</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 272-281.	0.9	18
112	Widespread endocrine activity in river sediments in Hesse, Germany, assessed by a combination of in vitro and in vivo bioassays. <i>Journal of Soils and Sediments</i> , 2012, 12, 252-264.	1.5	17
113	Impact of temperature and nutrition on the toxicity of the insecticide δ -cyhalothrin in full-lifecycle tests with the target mosquito species <i>Aedes albopictus</i> and <i>Culex pipiens</i> . <i>Journal of Pest Science</i> , 2014, 87, 739-750.	1.9	17
114	Ecotoxicological characterization of the antiepileptic drug carbamazepine using eight aquatic species: baseline study for future higher tier tests. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 441-451.	0.9	17
115	An indispensable asset at risk: merits and needs of chemicals-related environmental sciences. <i>Environmental Science and Pollution Research</i> , 2009, 16, 410-413.	2.7	16
116	Freshwater ecosystems profit from activated carbon-based wastewater treatment across various levels of biological organisation in a short timeframe. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	16
117	COMPRENDO: Focus and Approach. <i>Environmental Health Perspectives</i> , 2006, 114, 98-100.	2.8	14
118	Combined effects of chemical and temperature stress on <i>Chironomus riparius</i> populations with differing genetic variability. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2009, 44, 955-962.	0.9	14
119	Appropriate Larval Food Quality and Quantity for <i>Aedes albopictus</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2013, 50, 668-673.	0.9	14
120	Interactive effects of biotic and abiotic environmental stressors on carbamazepine toxicity in the non-biting midge <i>Chironomus riparius</i> . <i>Water Research</i> , 2019, 156, 92-101.	5.3	14
121	Phenotypic and epigenetic effects of vinclozolin in the gastropod <i>Physella acuta</i> . <i>Journal of Molluscan Studies</i> , 2016, 82, 320-327.	0.4	13
122	Effects of estrogens and antiestrogens on gonadal sex differentiation and embryonic development in the domestic fowl (<i>Gallus gallus domesticus</i>). <i>PeerJ</i> , 2018, 6, e5094.	0.9	13
123	Small but with big impact? Ecotoxicological effects of a municipal wastewater effluent on a small creek. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 1149-1160.	0.9	13
124	Long-term effects of the fungicide pyrimethanil on aquatic primary producers in macrophyte-dominated outdoor mesocosms in two European ecoregions. <i>Science of the Total Environment</i> , 2019, 665, 982-994.	3.9	13
125	The effect of organotin compounds on gender specific androstenedione metabolism in the freshwater ramshorn snail <i>Marisa cornuarietis</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 99, 147-156.	1.2	12
126	Integrating the fish embryo toxicity test as triad element for sediment toxicity assessment based on the Water Framework Directive approach. <i>Journal of Soils and Sediments</i> , 2010, 10, 389-399.	1.5	12

#	ARTICLE	IF	CITATIONS
127	Identification of oestrogen-responsive transcripts in <i>Potamopyrgus antipodarum</i> . <i>Journal of Molluscan Studies</i> , 2012, 78, 337-342.	0.4	12
128	Comprehensive sediment toxicity assessment of Hessian surface waters using <i>Lumbriculus variegatus</i> and <i>Chironomus riparius</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 507-521.	0.9	12
129	Effects of inbreeding on mouthpart deformities of <i>Chironomus riparius</i> under sublethal pesticide exposure. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 423-425.	2.2	12
130	Development and validation of an OECD reproductive toxicity test guideline with the mudsnail <i>Potamopyrgus antipodarum</i> (Mollusca, Gastropoda). <i>Chemosphere</i> , 2017, 181, 589-599.	4.2	12
131	The domestic fowl (<i>Gallus gallus domesticus</i>) embryo as an alternative for mammalian experiments – Validation of a test method for the detection of endocrine disrupting chemicals. <i>Chemosphere</i> , 2018, 196, 502-513.	4.2	12
132	Bioaccumulation of ivermectin from natural and artificial sediments in the benthic organism <i>Lumbriculus variegatus</i> . <i>Journal of Soils and Sediments</i> , 2010, 10, 1611-1622.	1.5	11
133	Before the Curtain Falls: Endocrine-Active Pesticides – A German Contamination Legacy. <i>Reviews of Environmental Contamination and Toxicology</i> , 2011, 213, 137-159.	0.7	11
134	Gene Expression of Chicken Gonads Is Sex- and Side-Specific. <i>Sexual Development</i> , 2014, 8, 178-191.	1.1	11
135	Chapter 1 Distribution and effects of trace substances in soils, plants and animals. <i>Trace Metals in the Environment</i> , 2000, 4, 3-31.	0.2	10
136	Validation of the OECD reproduction test guideline with the New Zealand mudsnail <i>Potamopyrgus antipodarum</i> using trenbolone and prochloraz. <i>Ecotoxicology</i> , 2017, 26, 370-382.	1.1	10
137	Imposex in <i>Nucella lapillus</i> and intersex in <i>Littorina littorea</i> : interspecific comparison of two TBT-induced effects and their geographical uniformity. , 1998, , 199-213.		9
138	Effects of test media on reproduction in <i>Potamopyrgus antipodarum</i> and of pre-exposure population densities on sensitivity to cadmium in a reproduction test. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 481-488.	0.9	9
139	Comparative sensitivity of juvenile and adult <i>Potamopyrgus antipodarum</i> (Mollusca:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt 5t and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 736-743.	0.9	9
140	Morphological and transcriptomic effects of endocrine modulators on the gonadal differentiation of chicken embryos: The case of tributyltin (TBT). <i>Toxicology Letters</i> , 2018, 284, 143-151.	0.4	9
141	Effects of biostimulation by sugarcane bagasse and coffee grounds on sewage sludges, focusing agricultural use: Microbial characterization, respirometric assessment and toxicity reduction. <i>Waste Management</i> , 2020, 118, 110-121.	3.7	9
142	Post-treatment of ozonated wastewater with activated carbon and biofiltration compared to membrane bioreactors: Toxicity removal in vitro and in <i>Potamopyrgus antipodarum</i> . <i>Water Research</i> , 2020, 185, 116104.	5.3	9
143	Particle shape does not affect ingestion and egestion of microplastics by the freshwater shrimp <i>Neocaridina palmata</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 62246-62254.	2.7	9
144	Title is missing!. <i>Hydrobiologia</i> , 1998, 378, 215-225.	1.0	8

#	ARTICLE	IF	CITATIONS
145	BiKF AdaMus: a novel research project studying the response and adaptive potential of single species and communities to climate change in combination with other stressors. <i>Journal of Soils and Sediments</i> , 2010, 10, 718-721.	1.5	8
146	Impact of genetic diversity and inbreeding on the life-history of <i>Chironomus</i> midges over consecutive generations. <i>Chemosphere</i> , 2012, 88, 988-993.	4.2	8
147	Monitoring Primary Effects of Pharmaceuticals in the Aquatic Environment with Mode of Action-Specific <i>In Vitro</i> Biotests. <i>Environmental Science & Technology</i> , 2015, 49, 2594-2595.	4.6	8
148	Poison in paradise: increase of toxic effects in restored sections of two rivers jeopardizes the success of hydromorphological restoration measures. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	8
149	The wastewater micropollutant carbamazepine in insectivorous birds – an exposure estimate. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4909-4917.	1.9	8
150	Endocrine Disruption and <i>In Vitro</i> Ecotoxicology: Recent Advances and Approaches. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2017, 157, 1-58.	0.6	7
151	Laboratory-to-field extrapolation: Increase in carbamazepine toxicity in a higher tier, multiple-stress experiment. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109481.	2.9	7
152	Effects of BPA in Snails: Oehlmann et al. Respond. <i>Environmental Health Perspectives</i> , 2006, 114, A341-A342.	2.8	7
153	Assessing the genotoxic potential of freshwater sediments after extensive rain events – Lessons learned from a case study in an effluent-dominated river in Germany. <i>Water Research</i> , 2022, 209, 117921.	5.3	7
154	Superfeminization as an effect of bisphenol A in <i>Marisa cornuarietis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2008, 69, 577-579.	2.9	5
155	TOXICITY OF TRIPHENYLTIN AND TRIBUTYLTIN TO THE FRESHWATER MUDSNAIL <i>POTAMOPYRGUS ANTIPODARUM</i> IN A NEW SEDIMENT BIOTEST. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 145.	2.2	5
156	<i>In Response</i> : What are the challenges and prospects? An academic perspective. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2408-2410.	2.2	4
157	Occurrence and <i>in vitro</i> toxicity of organic compounds in urban background PM _{2.5} . <i>Science of the Total Environment</i> , 2022, 817, 152779.	3.9	4
158	Title is missing!. <i>Hydrobiologia</i> , 1998, 378, 227-233.	1.0	3
159	Effects of metoprolol on aquatic invertebrates in artificial indoor streams. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 728-739.	0.9	3
160	Locomotor behavior of <i>Neocaridina palmata</i> : a study with leachates from UV-weathered microplastics. <i>PeerJ</i> , 2021, 9, e12442.	0.9	3
161	Toxico-kinetic and -dynamic aspects of TBT-induced imposex in <i>Hydrobia ulvae</i> compared with intersex in <i>Littorina littorea</i> (Gastropoda, Prosobranchia). , 1998, , 215-225.		2
162	Effects of BPA in Snails: Oehlmann et al. Respond. <i>Environmental Health Perspectives</i> , 2006, 114, .	2.8	2

#	ARTICLE	IF	CITATIONS
163	Erratum to "Comparative responses of molluscs and fish to environmental estrogens and an estrogenic effluent". <i>Aquatic Toxicology</i> , 2004, 66, 205.	1.9	1
164	Endocrine disruptors in bottled mineral water: Estrogenic activity in the E-Screen. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 136-138.	1.2	1
165	Financial Research Support for Ecotoxicology and Environmental Chemistry in Germany - Results of an Online Survey. <i>Environmental Sciences Europe</i> , 2011, 23, .	11.0	1
166	Transfer and effects of 1,2,3,5,7-pentachloronaphthalene in an experimental food chain. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 169, 46-54.	1.3	1
167	The 2015 Annual Meeting of SETAC German Language Branch in Zurich (7-10 September, 2015): Ecotoxicology and environmental chemistry "from research to application. <i>Environmental Sciences Europe</i> , 2016, 28, 20.	2.6	1
168	The German postgraduate degree program in ecotoxicology (SETAC GLB and GDCh): a success story. <i>Environmental Sciences Europe</i> , 2016, 28, 19.	2.6	1
169	Aquatic mesocosms exposed to a fungicide in warm and cold temperate European climate zones: Long-term macroinvertebrate response. <i>Science of the Total Environment</i> , 2019, 681, 133-142.	3.9	1
170	A new enzymatic method assessing the impact of wastewater treatment plant effluents on the assimilative capacity of small rivers. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 1116-1125.	0.9	0
171	Ultrastructure of prostate gland tissue in males and females with intersex phenomena of <i>Littorina littorea</i> L., 1998, , 227-233.		0
172	The Occurrence of Intersex in Different Populations of the Marine Amphipod <i>Echinogammarus marinus</i> in North-West Brittany " A Longterm-Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 816418.	1.5	0