# Jrg Oehlmann

## List of Publications by Citations



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| 176 papers | 7,972 citations | 50 h-index | 84 g-index |
| 187 ext. papers | 8,771 ext. citations | 5.6 avg, IF | 5.94 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 176 | A critical analysis of the biological impacts of plasticizers on wildlife. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2009**, 364, 2047-62 | 5.8 | 503 |
| 175 | Endocrine disruptors in bottled mineral water: total estrogenic burden and migration from plastic bottles. *Environmental Science and Pollution Research*, **2009**, 16, 278-86 | 5.1 | 230 |
| 174 | TBT-induced imposex in marine neogastropods is mediated by an increasing androgen level. *Helgoländer Meeresuntersuchungen*, **1996**, 50, 299-317 | | 223 |
| 173 | Effects of endocrine disruptors on prosobranch snails (Mollusca: Gastropoda) in the laboratory. Part I: Bisphenol A and octylphenol as xeno-estrogens. *Ecotoxicology*, **2000**, 9, 383-97 | 2.9 | 221 |
| 172 | Why public health agencies cannot depend on good laboratory practices as a criterion for selecting data: the case of bisphenol A. *Environmental Health Perspectives*, **2009**, 117, 309-15 | 8.4 | 212 |
| 171 | Spoilt for choice: A critical review on the chemical and biological assessment of current wastewater treatment technologies. *Water Research*, **2015**, 87, 237-70 | 12.5 | 205 |
| 170 | Comparative responses of molluscs and fish to environmental estrogens and an estrogenic effluent. *Aquatic Toxicology*, **2003**, 65, 205-20 | 5.1 | 205 |
| 169 | The morphological expression of imposex in Hinia reticulata (Gastropoda: Buccinidae): a potential indicator of tributultin pollution. *Marine Biology*, **1992**, 113, 625-636 | 2.5 | 170 |
| 168 | Comparative responses of molluscs and fish to environmental estrogens and an estrogenic effluent. *Aquatic Toxicology*, **2004**, 66, 207-22 | 5.1 | 156 |
| 167 | Bisphenol A induces superfeminization in the ramshorn snail Marisa cornuarietis(Gastropoda: Prosobranchia) at environmentally relevant concentrations. *Environmental Health Perspectives*, **2006**, 114 Suppl 1, 127-33 | 8.4 | 142 |
| 166 | Comparative toxicity assessment of ozone and activated carbon treated sewage effluents using an in vivo test battery. *Water Research*, **2010**, 44, 2610-20 | 12.5 | 141 |
| 165 | Tributyltin (TBT) effects on Ocinebrina aciculata (Gastropoda: Muricidae): imposex development, sterilization, sex change and population decline. *Science of the Total Environment*, **1996**, 188, 205-223 | 10.2 | 137 |
| 164 | Toxication or detoxication? In vivo toxicity assessment of ozonation as advanced wastewater treatment with the rainbow trout. *Water Research*, **2010**, 44, 439-48 | 12.5 | 135 |
| 163 | Endocrine disruption in prosobranch molluscs: evidence and ecological relevance. *Ecotoxicology*, **2007**, 16, 29-43 | 2.9 | 131 |
| 162 | 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. *Environmental Research*, **2008**, 108, 140-9 | 7.9 | 128 |
| 161 | Stimulated embryo production as a parameter of estrogenic exposure via sediments in the freshwater mudsnail Potamopyrgus antipodarum. *Aquatic Toxicology*, **2003**, 64, 437-49 | 5.1 | 125 |
| 160 | Evaluating the efficiency of advanced wastewater treatment: target analysis of organic contaminants and (geno-)toxicity assessment tell a different story. *Water Research*, **2014**, 50, 35-47 | 12.5 | 114 |

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| 159 | 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 Potamopyrgus antipodarum. *Ecotoxicology*, **2007**, 16, 169-82 | 2.9 | 114 |
| 158 | Endocrine modulation and toxic effects of two commonly used UV screens on the aquatic invertebrates Potamopyrgus antipodarum and Lumbriculus variegatus. *Environmental Pollution*, **2008**, 152, 322-9 | 9.3 | 105 |
| 157 | THE MORPHOLOGICAL EXPRESSION OF IMPOSEX IN NUCELLA LAPILLUS (LINNAEUS) (GASTROPODA: MURICIDAE). *Journal of Molluscan Studies*, **1991**, 57, 375-390 | 1.1 | 103 |
| 156 | Ozonation and activated carbon treatment of sewage effluents: removal of endocrine activity and cytotoxicity. *Water Research*, **2011**, 45, 1015-24 | 12.5 | 99 |
| 155 | Evidence for endocrine disruption in invertebrates. *International Review of Cytology*, **2004**, 236, 1-44 | | 99 |
| 154 | Ecotoxicological effect characterisation of widely used organic UV filters. *Environmental Pollution*, **2012**, 163, 84-90 | 9.3 | 97 |
| 153 | Description and initial evaluation of a Xenopus metamorphosis assay for detection of thyroid system-disrupting activities of environmental compounds. *Environmental Toxicology and Chemistry*, **2005**, 24, 653-64 | 3.8 | 95 |
| 152 | Effects of pharmaceuticals on aquatic invertebrates. Part I. The antiepileptic drug carbamazepine. *Archives of Environmental Contamination and Toxicology*, **2005**, 49, 353-61 | 3.2 | 94 |
| 151 | Reproductive stimulation by low doses of xenoestrogens contrasts with the view of hormesis as an adaptive response. *Human and Experimental Toxicology*, **2005**, 24, 431-7 | 3.4 | 91 |
| 150 | Acute and chronic toxicity of four frequently used UV filter substances for Desmodesmus subspicatus and Daphnia magna. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2011**, 46, 1311-9 | 2.3 | 86 |
| 149 | Endocrine disruption in invertebrates. *Pure and Applied Chemistry*, **2003**, 75, 2207-2218 | 2.1 | 86 |
| 148 | Removal of antibiotics in wastewater by enzymatic treatment with fungal laccase - Degradation of compounds does not always eliminate toxicity. *Bioresource Technology*, **2016**, 219, 500-509 | 11 | 86 |
| 147 | Hinia reticulata and Nucella lapillus. Comparison of two gastropod tributyltin bioindicators. *Marine Biology*, **1992**, 114, 289-296 | 2.5 | 83 |
| 146 | Acute and chronic toxicity of benzotriazoles to aquatic organisms. *Environmental Science and Pollution Research*, **2012**, 19, 1781-90 | 5.1 | 82 |
| 145 | Effects of endocrine disruptors on prosobranch snails (Mollusca: Gastropoda) in the laboratory. Part III: Cyproterone acetate and vinclozolin as antiandrogens. *Ecotoxicology*, **2001**, 10, 373-88 | 2.9 | 82 |
| 144 | Effects of endocrine disruptors on prosobranch snails (Mollusca: Gastropoda) in the laboratory. Part II: Triphenyltin as a xeno-androgen. *Ecotoxicology*, **2000**, 9, 399-412 | 2.9 | 82 |
| 143 | Comparative toxicity assessment of nanosilver on three Daphnia species in acute, chronic and multi-generation experiments. *PLoS ONE*, **2013**, 8, e75026 | 3.7 | 81 |
| 142 | A comparison of heavy metal deposition in selected Eastern European countries using the moss monitoring method, with special emphasis on the Black Triangle *Science of the Total Environment*, **1996**, 193, 85-100 | 10.2 | 79 |

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| 141 | Endocrine disruptors in bottled mineral water: estrogenic activity in the E-Screen. *Journal of Steroid Biochemistry and Molecular Biology*, **2011**, 127, 128-35 | 5.1 | 78 |
| 140 | TBT effects on the female genital system of Littorina littorea: a possible indicator of tributyltin pollution. *Hydrobiologia*, **1995**, 309, 15-27 | 2.4 | 74 |
| 139 | What are the drivers of microplastic toxicity? Comparing the toxicity of plastic chemicals and particles to Daphnia magna. *Environmental Pollution*, **2020**, 267, 115392 | 9.3 | 70 |
| 138 | Toxicity of triphenyltin and tributyltin to the freshwater mudsnail Potamopyrgus antipodarum in a new sediment biotest. *Environmental Toxicology and Chemistry*, **2003**, 22, 145-52 | 3.8 | 64 |
| 137 | Marine TBT antifouling contamination in Ireland, following legislation in 1987. *Marine Pollution Bulletin*, **1995**, 30, 633-639 | 6.7 | 60 |
| 136 | The use of Littorina littorea for tributyltin (TBT) effect monitoring - Results from the German TBT survey 1994/1995 and laboratory experiments. *Environmental Pollution*, **1997**, 96, 299-309 | 9.3 | 58 |
| 135 | Multi-generation studies with Chironomus riparius--effects of low tributyltin concentrations on life history parameters and genetic diversity. *Chemosphere*, **2007**, 67, 2192-200 | 8.4 | 58 |
| 134 | Toxicity of triphenyltin and tributyltin to the freshwater mud snail Potamopyrgus antipodarum in a new sediment biotest. *Environmental Toxicology and Chemistry*, **2003**, 22, 145-152 | 3.8 | 58 |
| 133 | Sexual dimorphism in esterified steroid levels in the gastropod Marisa cornuarietis: the effect of xenoandrogenic compounds. *Steroids*, **2006**, 71, 435-44 | 2.8 | 56 |
| 132 | Marisa cornuarietis (Gastropoda, prosobranchia): a potential TBT bioindicator for freshwater environments. *Ecotoxicology*, **1995**, 4, 372-84 | 2.9 | 56 |
| 131 | Biological indicators used to map organotin contamination in Cork Harbour, Ireland. *Marine Pollution Bulletin*, **1996**, 32, 188-195 | 6.7 | 56 |
| 130 | Rapid genetic erosion in pollutant-exposed experimental chironomid populations. *Environmental Pollution*, **2009**, 157, 881-6 | 9.3 | 55 |
| 129 | Imposex in Nucella lapillus and intersex in Littorina littorea: interspecific comparison of two TBT-induced effects and their geographical uniformity. *Hydrobiologia*, **1998**, 378, 199-213 | 2.4 | 54 |
| 128 | Removal of Endocrine Disrupting Chemicals in Wastewater by Enzymatic Treatment with Fungal Laccases. *Organic Process Research and Development*, **2017**, 21, 480-491 | 3.9 | 52 |
| 127 | Whole effluent toxicity assessment at a wastewater treatment plant upgraded with a full-scale post-ozonation using aquatic key species. *Chemosphere*, **2012**, 88, 1008-14 | 8.4 | 50 |
| 126 | Consequences of inbreeding and reduced genetic variation on tolerance to cadmium stress in the midge Chironomus riparius. *Aquatic Toxicology*, **2007**, 85, 278-84 | 5.1 | 48 |
| 125 | Long-term effects of nanoscaled titanium dioxide on the cladoceran Daphnia magna over six generations. *Environmental Pollution*, **2014**, 186, 180-6 | 9.3 | 47 |
| 124 | Freshwater mudsnail (Potamopyrgus antipodarum) estrogen receptor: identification and expression analysis under exposure to (xeno-)hormones. *Ecotoxicology and Environmental Safety*, **2012**, 75, 94-101 | 7 | 47 |

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| 123 | Imposex and reproductive failure in Hydrobia ulvae (Gastropoda: Prosobranchia). *Marine Biology*, **1997**, 128, 257-266 | 2.5 | 47 |
| 122 | Biomonitoring of metal contamination in a marine prosobranch snail (Nassarius reticulatus) by imaging laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS). *Talanta*, **2009**, 80, 428-33 | 6.2 | 46 |
| 121 | Chapter 17 Molluscs as bioindicators. *Trace Metals and Other Contaminants in the Environment*, **2003**, 6, 577-635 | | 45 |
| 120 | Epigenetic alterations and decreasing insecticide sensitivity of the Asian tiger mosquito Aedes albopictus. *Ecotoxicology and Environmental Safety*, **2015**, 122, 45-53 | 7 | 44 |
| 119 | Toxicity of silver nanoparticles and ionic silver: Comparison of adverse effects and potential toxicity mechanisms in the freshwater clam Sphaerium corneum. *Nanotoxicology*, **2015**, 9, 677-85 | 5.3 | 43 |
| 118 | Deposition and disease: a moss monitoring project as an approach to ascertaining potential connections. *Science of the Total Environment*, **2000**, 249, 243-56 | 10.2 | 43 |
| 117 | Impact of a flood disaster on sediment toxicity in a major river system--the Elbe flood 2002 as a case study. *Environmental Pollution*, **2005**, 134, 87-95 | 9.3 | 42 |
| 116 | Do contaminants originating from state-of-the-art treated wastewater impact the ecological quality of surface waters?. *PLoS ONE*, **2013**, 8, e60616 | 3.7 | 41 |
| 115 | Reproductive toxicity of bisphenol A and cadmium in Potamopyrgus antipodarum and modulation of bisphenol A effects by different test temperature. *Environmental Pollution*, **2011**, 159, 2766-74 | 9.3 | 41 |
| 114 | Migration of plasticisers from Tritan and polycarbonate bottles and toxicological evaluation. *Food Chemistry*, **2013**, 141, 373-80 | 8.5 | 40 |
| 113 | The biological effects and possible modes of action of nanosilver. *Reviews of Environmental Contamination and Toxicology*, **2013**, 223, 81-106 | 3.5 | 40 |
| 112 | Life stage-specific effects of the fungicide pyrimethanil and temperature on the snail Physella acuta (Draparnaud, 1805) disclose the pitfalls for the aquatic risk assessment under global climate change. *Environmental Pollution*, **2013**, 174, 1-9 | 9.3 | 40 |
| 111 | Is there a causal association between genotoxicity and the imposex effect?. *Environmental Health Perspectives*, **2006**, 114 Suppl 1, 20-6 | 8.4 | 40 |
| 110 | Effects of cadmium and tributyltin on development and reproduction of the non-biting midge Chironomus riparius (Diptera): baseline experiments for future multi-generation studies. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2007**, 42, 1-9 | 2.3 | 40 |
| 109 | Aquatic ecotoxicity of the fungicide pyrimethanil: effect profile under optimal and thermal stress conditions. *Environmental Pollution*, **2012**, 168, 161-9 | 9.3 | 39 |
| 108 | Estrogens in the daily diet: in vitro analysis indicates that estrogenic activity is omnipresent in foodstuff and infant formula. *Food and Chemical Toxicology*, **2011**, 49, 2681-8 | 4.7 | 39 |
| 107 | Biological indicators used to map organotin contamination from a fishing port, Killybegs, Ireland. *Marine Pollution Bulletin*, **1997**, 34, 235-243 | 6.7 | 39 |
| 106 | Integrated Evaluation Concept to Assess the Efficacy of Advanced Wastewater Treatment Processes for the Elimination of Micropollutants and Pathogens. *Environmental Science & Technology*, **2017**, 51, 308-319 | 10.3 | 38 |

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| 105 | Effects of carbamazepine and two of its metabolites on the non-biting midge Chironomus riparius in a sediment full life cycle toxicity test. *Water Research*, **2016**, 98, 19-27 | 12.5 | 38 |
| 104 | Development and validation of an OECD reproductive toxicity test guideline with the pond snail Lymnaea stagnalis (Mollusca, Gastropoda). *Regulatory Toxicology and Pharmacology*, **2014**, 70, 605-14 | 3.4 | 37 |
| 103 | Comparison of imposex response in three Prosobranch species. *Hydrobiologia*, **1995**, 309, 29-35 | 2.4 | 37 |
| 102 | Östrogenartige wirkungen von bisphenol a auf vorderkiemenschnecken (Mollusca: Gastropoda: Prosobranchia). *Environmental Sciences Europe*, **2001**, 13, 319 | | 36 |
| 101 | Bioaccumulation of 14C-17alpha-ethinylestradiol by the aquatic oligochaete Lumbriculus variegatus in spiked artificial sediment. *Chemosphere*, **2005**, 59, 271-80 | 8.4 | 34 |
| 100 | The rough tingleOcenebra erinacea (Neogastropoda: muricidae): An exhibitor of imposex in comparison toNucella lapillus. *Helgoländer Meeresuntersuchungen*, **1992**, 46, 311-328 | | 33 |
| 99 | Advancing Biological Wastewater Treatment: Extended Anaerobic Conditions Enhance the Removal of Endocrine and Dioxin-like Activities. *Environmental Science & Technology*, **2016**, 50, 10606-10615 | 10.3 | 32 |
| 98 | Combined effects of silver nanoparticles and 17α-ethinylestradiol on the freshwater mudsnail Potamopyrgus antipodarum. *Environmental Science and Pollution Research*, **2014**, 21, 10661-70 | 5.1 | 32 |
| 97 | Extended anaerobic conditions in the biological wastewater treatment: Higher reduction of toxicity compared to target organic micropollutants. *Water Research*, **2017**, 116, 220-230 | 12.5 | 30 |
| 96 | Simulated climate change conditions unveil the toxic potential of the fungicide pyrimethanil on the midge Chironomus riparius: a multigeneration experiment. *Ecology and Evolution*, **2012**, 2, 196-210 | 2.8 | 29 |
| 95 | Imposex development in response to TBT pollution in Hinia incrassata (Ström, 1768) (Prosobranchia, Stenoglossa). *Aquatic Toxicology*, **1998**, 43, 239-260 | 5.1 | 29 |
| 94 | 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. *PLoS ONE*, **2014**, 9, e98307 | 3.7 | 28 |
| 93 | Identification of putative steroid receptor antagonists in bottled water: combining bioassays and high-resolution mass spectrometry. *PLoS ONE*, **2013**, 8, e72472 | 3.7 | 28 |
| 92 | Some chemical contaminant of surface sediments at the Baltic Sea coastal region with special emphasis on androgenic and anti-androgenic compounds. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2006**, 41, 2127-62 | 2.3 | 26 |
| 91 | What you extract is what you see: Optimising the preparation of water and wastewater samples for in vitro bioassays. *Water Research*, **2019**, 152, 47-60 | 12.5 | 26 |
| 90 | Effectivity of advanced wastewater treatment: reduction of in vitro endocrine activity and mutagenicity but not of in vivo reproductive toxicity. *Environmental Science and Pollution Research*, **2018**, 25, 3965-3976 | 5.1 | 25 |
| 89 | Occurrence of widely used organic UV filters in lake and river sediments. *Environmental Chemistry*, **2012**, 9, 139 | 3.2 | 25 |
| 88 | Humanpharmakawirkstoffe in der Umwelt: Einträge, Vorkommen und der Versuch einer Bestandsaufnahme. *Environmental Sciences Europe*, **2007**, 19, 168-179 | | 25 |

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| 87 | Interactive effects of xenobiotic, abiotic and biotic stressors on Daphnia pulex--results from a multiple stressor experiment with a fractional multifactorial design. *Aquatic Toxicology*, **2013**, 138-139, 105-15 | 5.1 | 24 |
| 86 | Imposex development in Nucella lapillus--evidence for the involvement of retinoid X receptor and androgen signalling pathways in vivo. *Aquatic Toxicology*, **2012**, 106-107, 20-4 | 5.1 | 23 |
| 85 | SchussenAktivplus: reduction of micropollutants and of potentially pathogenic bacteria for further water quality improvement of the river Schussen, a tributary of Lake Constance, Germany. *Environmental Sciences Europe*, **2013**, 25, | 5 | 22 |
| 84 | Effects of cadmium on life-cycle parameters in a multi-generation study with Chironomus riparius following a pre-exposure of populations to two different tributyltin concentrations for several generations. *Ecotoxicology*, **2010**, 19, 1174-82 | 2.9 | 22 |
| 83 | General Aspects of Heavy Metal Monitoring by Plants and Animals. *ACS Symposium Series*, **1997**, 19-29 | 0.4 | 22 |
| 82 | Interaction between genetic diversity and temperature stress on life-cycle parameters and genetic variability in midge Chironomus riparius populations. *Climate Research*, **2007**, 33, 207-214 | 1.6 | 22 |
| 81 | Effects of boric acid on various microbes, plants, and soil invertebrates. *Journal of Soils and Sediments*, **2011**, 11, 238-248 | 3.4 | 20 |
| 80 | Tributyltin biomonitoring using prosobranchs as sentinel organisms. *Analytical and Bioanalytical Chemistry*, **1996**, 354, 540-5 | 4.4 | 20 |
| 79 | Deriving bio-equivalents from in vitro bioassays: assessment of existing uncertainties and strategies to improve accuracy and reporting. *Environmental Toxicology and Chemistry*, **2013**, 32, 1906-17 | 3.8 | 19 |
| 78 | Risk assessment for organic trace compounds in wastewater: comparison of conventional and advanced treatment. *Water Science and Technology*, **2007**, 56, 9-13 | 2.2 | 19 |
| 77 | Impact of an estrogenic sewage treatment plant effluent on life-history traits of the freshwater amphipod Gammarus pulex. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2015**, 50, 272-81 | 2.3 | 17 |
| 76 | Effects of diapause and cold acclimation on egg ultrastructure: new insights into the cold hardiness mechanisms of the Asian tiger mosquito Aedes (Stegomyia) albopictus. *Journal of Vector Ecology*, **2016**, 41, 142-50 | 1.5 | 17 |
| 75 | Plastic Products Leach Chemicals That Induce Toxicity under Realistic Use Conditions. *Environmental Science & Technology*, **2021**, 55, 11814-11823 | 10.3 | 17 |
| 74 | Cold tolerance of the Asian tiger mosquito Aedes albopictus and its response to epigenetic alterations. *Journal of Insect Physiology*, **2017**, 99, 113-121 | 2.4 | 16 |
| 73 | Widespread endocrine activity in river sediments in Hesse, Germany, assessed by a combination of in vitro and in vivo bioassays. *Journal of Soils and Sediments*, **2012**, 12, 252-264 | 3.4 | 16 |
| 72 | Ecotoxicological impacts of surface water and wastewater from conventional and advanced treatment technologies on brood size, larval length, and cytochrome P450 (35A3) expression in Caenorhabditis elegans. *Environmental Science and Pollution Research*, **2018**, 25, 13868-13880 | 5.1 | 15 |
| 71 | Impact of temperature and nutrition on the toxicity of the insecticide Ëyhalothrin in full-lifecycle tests with the target mosquito species Aedes albopictus and Culex pipiens. *Journal of Pest Science*, **2014**, 87, 739-750 | 5.5 | 15 |
| 70 | The antimicrobial agents triclocarban and triclosan as potent modulators of reproduction in Potamopyrgus antipodarum (Mollusca: Hydrobiidae). *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2016**, 51, 1173-9 | 2.3 | 13 |

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| 69 | Identification of oestrogen-responsive transcripts in Potamopyrgus antipodarum. *Journal of Molluscan Studies*, **2012**, 78, 337-342 | 1.1 | 12 |
| 68 | COMPRENDO: Focus and approach. *Environmental Health Perspectives*, **2006**, 114 Suppl 1, 98-100 | 8.4 | 12 |
| 67 | Appropriate larval food quality and quantity for Aedes albopictus (Diptera: Culicidae). *Journal of Medical Entomology*, **2013**, 50, 668-73 | 2.2 | 11 |
| 66 | Before the curtain falls: endocrine-active pesticides--a German contamination legacy. *Reviews of Environmental Contamination and Toxicology*, **2011**, 213, 137-59 | 3.5 | 11 |
| 65 | Combined effects of chemical and temperature stress on Chironomus riparius populations with differing genetic variability. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2009**, 44, 955-62 | 2.3 | 11 |
| 64 | K□perpflegemittel in der aquatischen Umwelt. *Environmental Sciences Europe*, **2003**, 15, 169-180 | | 11 |
| 63 | Optimizing the design of a reproduction toxicity test with the pond snail Lymnaea stagnalis. *Regulatory Toxicology and Pharmacology*, **2016**, 81, 47-56 | 3.4 | 11 |
| 62 | Chemicals associated with biodegradable microplastic drive the toxicity to the freshwater oligochaete Lumbriculus variegatus. *Aquatic Toxicology*, **2021**, 231, 105723 | 5.1 | 11 |
| 61 | Incubation in Wastewater Reduces the Multigenerational Effects of Microplastics in. *Environmental Science & Technology*, **2021**, 55, 2491-2499 | 10.3 | 11 |
| 60 | Detection of chemically induced ecotoxicological effects in rivers of the Nidda catchment (Hessen, Germany) and development of an ecotoxicological, Water Framework Directive□ompliant assessment system. *Environmental Sciences Europe*, **2019**, 31, | 5 | 10 |
| 59 | The domestic fowl (Gallus gallus domesticus) embryo as an alternative for mammalian experiments - Validation of a test method for the detection of endocrine disrupting chemicals. *Chemosphere*, **2018**, 196, 502-513 | 8.4 | 10 |
| 58 | Gene expression of chicken gonads is sex- and side-specific. *Sexual Development*, **2014**, 8, 178-91 | 1.6 | 10 |
| 57 | Effects of inbreeding on mouthpart deformities of Chironomus riparius under sublethal pesticide exposure. *Environmental Toxicology and Chemistry*, **2013**, 32, 423-5 | 3.8 | 10 |
| 56 | Comprehensive sediment toxicity assessment of Hessian surface waters using Lumbriculus variegatus and Chironomus riparius. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2012**, 47, 507-21 | 2.3 | 10 |
| 55 | Integrating the fish embryo toxicity test as triad element for sediment toxicity assessment based on the Water Framework Directive approach. *Journal of Soils and Sediments*, **2010**, 10, 389-399 | 3.4 | 10 |
| 54 | The effect of organotin compounds on gender specific androstenedione metabolism in the freshwater ramshorn snail Marisa cornuarietis. *Journal of Steroid Biochemistry and Molecular Biology* , **2006**, 99, 147-56 | 5.1 | 10 |
| 53 | Development and validation of an OECD reproductive toxicity test guideline with the mudsnail Potamopyrgus antipodarum (Mollusca, Gastropoda). *Chemosphere*, **2017**, 181, 589-599 | 8.4 | 9 |
| 52 | Ecotoxicological characterization of the antiepileptic drug carbamazepine using eight aquatic species: baseline study for future higher tier tests. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2019**, 54, 441-451 | 2.3 | 9 |

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| 51 | Long-term effects of the fungicide pyrimethanil on aquatic primary producers in macrophyte-dominated outdoor mesocosms in two European ecoregions. *Science of the Total Environment*, **2019**, 665, 982-994 | 10.2 | 9 |
| 50 | Phenotypic and epigenetic effects of vinclozolin in the gastropodPhysella acuta. *Journal of Molluscan Studies*, **2016**, 82, 320-327 | 1.1 | 9 |
| 49 | An indispensable asset at risk: merits and needs of chemicals-related environmental sciences. *Environmental Science and Pollution Research*, **2009**, 16, 410-3 | 5.1 | 9 |
| 48 | Chapter 1 Distribution and effects of trace substances in soils, plants and animals. *Trace Metals in the Environment*, **2000**, 4, 3-31 | | 9 |
| 47 | Freshwater ecosystems profit from activated carbon-based wastewater treatment across various levels of biological organisation in a short timeframe. *Environmental Sciences Europe*, **2019**, 31, | 5 | 9 |
| 46 | Effects of estrogens and antiestrogens on gonadal sex differentiation and embryonic development in the domestic fowl (). *PeerJ*, **2018**, 6, e5094 | 3.1 | 9 |
| 45 | Effects of test media on reproduction in Potamopyrgus antipodarum and of pre-exposure population densities on sensitivity to cadmium in a reproduction test. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2013**, 48, 481-8 | 2.3 | 8 |
| 44 | Bioaccumulation of ivermectin from natural and artificial sediments in the benthic organism Lumbriculus variegatus. *Journal of Soils and Sediments*, **2010**, 10, 1611-1622 | 3.4 | 8 |
| 43 | Toxico-kinetic and -dynamic aspects of TBT-induced imposex in Hydrobia ulvae compared with intersex in Littorina littorea (Gastropoda, Prosobranchia). *Hydrobiologia*, **1998**, 378, 215-225 | 2.4 | 8 |
| 42 | Small but with big impact? Ecotoxicological effects of a municipal wastewater effluent on a small creek. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2018**, 53, 1149-1160 | 2.3 | 8 |
| 41 | Interactive effects of biotic and abiotic environmental stressors on carbamazepine toxicity in the non-biting midge Chironomus riparius. *Water Research*, **2019**, 156, 92-101 | 12.5 | 7 |
| 40 | Monitoring primary effects of pharmaceuticals in the aquatic environment with mode of action-specific in vitro biotests. *Environmental Science & Technology*, **2015**, 49, 2594-5 | 10.3 | 7 |
| 39 | Impact of genetic diversity and inbreeding on the life-history of Chironomus midges over consecutive generations. *Chemosphere*, **2012**, 88, 988-93 | 8.4 | 7 |
| 38 | 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. *Journal of Soils and Sediments*, **2010**, 10, 718-721 | 3.4 | 7 |
| 37 | Untersuchungen zur Eignung wildlebender Wanderratten (Rattus norvegicus) als Indikatoren der Schwermetallbelastung. *Environmental Sciences Europe*, **2002**, 14, 96-103 | | 7 |
| 36 | Untersuchungen zur Eignung wildlebender Wanderratten (Rattus norvegicus) als Indikatoren der Schwermetallbelastung. *Environmental Sciences Europe*, **2001**, 13, 259-265 | | 7 |
| 35 | Comparative sensitivity of juvenile and adult Potamopyrgus antipodarum (Mollusca: Hydrobiidae) under chronic exposure to cadmium and tributyltin. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2016**, 51, 736-43 | 2.3 | 7 |
| 34 | Wassertechnische Strategien zur Reduzierung der Trinkwasserbelastung durch Arzneimittelwirkstoffe. *Environmental Sciences Europe*, **2008**, 20, 209-226 | 5 | 6 |

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| 33 | Effects of BPA in Snails: Oehlmann et al. Respond. *Environmental Health Perspectives*, **2006**, 114, A341-A342 | 8.4 | 6 |
| 32 | Enhanced in vitro toxicity of plastic leachates after UV irradiation. *Water Research*, **2021**, 199, 117203 | 12.5 | 6 |
| 31 | Endocrine Disruption and In Vitro Ecotoxicology: Recent Advances and Approaches. *Advances in Biochemical Engineering/Biotechnology*, **2017**, 157, 1-58 | 1.7 | 5 |
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| 24 | TBT effects on the female genital system of Littorina littorea: a possible indicator of tributyltin pollution **1995**, 15-27 | | 4 |
| 23 | Effects of biostimulation by sugarcane bagasse and coffee grounds on sewage sludges, focusing agricultural use: Microbial characterization, respirometric assessment and toxicity reduction. *Waste Management*, **2020**, 118, 110-121 | 8.6 | 4 |
| 22 | Post-treatment of ozonated wastewater with activated carbon and biofiltration compared to membrane bioreactors: Toxicity removal in vitro and in Potamopyrgus antipodarum. *Water Research*, **2020**, 185, 116104 | 12.5 | 4 |
| 21 | Ultrastructure of prostate gland tissue in males and females with intersex phenomena of Littorina littorea L.. *Hydrobiologia*, **1998**, 378, 227-233 | 2.4 | 3 |
| 20 | Particle shape does not affect ingestion and egestion of microplastics by the freshwater shrimp Neocaridina palmata. *Environmental Science and Pollution Research*, **2021**, 28, 62246-62254 | 5.1 | 3 |
| 19 | Morphological and transcriptomic effects of endocrine modulators on the gonadal differentiation of chicken embryos: The case of tributyltin (TBT). *Toxicology Letters*, **2018**, 284, 143-151 | 4.4 | 3 |
| 18 | Poison in paradise: increase of toxic effects in restored sections of two rivers jeopardizes the success of hydromorphological restoration measures. *Environmental Sciences Europe*, **2019**, 31, | 5 | 2 |
| 17 | Imposex in Nucella lapillus and intersex in Littorina littorea: interspecific comparison of two TBT-induced effects and their geographical uniformity **1998**, 199-213 | | 2 |
| 16 | Assessing the genotoxic potential of freshwater sediments after extensive rain events - Lessons learned from a case study in an effluent-dominated river in Germany.. *Water Research*, **2021**, 209, 117921 | 12.5 | 2 |

# List of Publications

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| 15 | One planet: one health. A call to support the initiative on a global science-policy body on chemicals and waste.. *Environmental Sciences Europe*, **2022**, 34, 21 | 5 | 2 |
| 14 | Aquatic mesocosms exposed to a fungicide in warm and cold temperate European climate zones: Long-term macroinvertebrate response. *Science of the Total Environment*, **2019**, 681, 133-142 | 10.2 | 1 |
| 13 | Transfer and effects of 1,2,3,5,7-pentachloronaphthalene in an experimental food chain. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2015**, 169, 46-54 | 3.2 | 1 |
| 12 | Effects of metoprolol on aquatic invertebrates in artificial indoor streams. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2018**, 53, 728-739 | 2.3 | 1 |
| 11 | Endocrine disruptors in bottled mineral water: estrogenic activity in the E-Screen. *Journal of Steroid Biochemistry and Molecular Biology*, **2011**, 127, 136-8 | 5.1 | 1 |
| 10 | Ökotoxikologische Sedimentbewertung großer Fließgewässer mit Nematoden und Gastropoden – vom Biotest zum Freiland **2004**, 1-28 | | 1 |
| 9 | Podiumsdiskussion "New Blood in Ecotoxicology" *Environmental Sciences Europe*, **2004**, 16, 149-150 | | 1 |
| 8 | Effects of BPA in Snails: Oehlmann et al. Respond. *Environmental Health Perspectives*, **2006**, 114, | 8.4 | 1 |
| 7 | Toxico-kinetic and -dynamic aspects of TBT-induced imposex in Hydrobia ulvae compared with intersex in Littorina littorea (Gastropoda, Prosobranchia) **1998**, 215-225 | | 1 |
| 6 | The 2015 Annual Meeting of SETAC German Language Branch in Zurich (7-10 September, 2015): Ecotoxicology and environmental chemistry-from research to application. *Environmental Sciences Europe*, **2016**, 28, 20 | 5 | 1 |
| 5 | Occurrence and in vitro toxicity of organic compounds in urban background PM.. *Science of the Total Environment*, **2022**, 817, 152779 | 10.2 | 0 |
| 4 | Locomotor behavior of : a study with leachates from UV-weathered microplastics. *PeerJ*, **2021**, 9, e12442 | 3.1 | 0 |
| 3 | A new enzymatic method assessing the impact of wastewater treatment plant effluents on the assimilative capacity of small rivers. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2019**, 54, 1116-1125 | 2.3 | |
| 2 | Ultrastructure of prostate gland tissue in males and females with intersex phenomena of Littorina littorea L. **1998**, 227-233 | | |
| 1 | The Occurrence of Intersex in Different Populations of the Marine Amphipod in North-West Brittany - A Longterm-Study.. *Frontiers in Endocrinology*, **2021**, 12, 816418 | 5.7 | |