

Henner Hollert

List of Publications by Year in descending order

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Version: 2024-02-01

396
papers

16,505
citations

13865

67
h-index

26613

107
g-index

433
all docs

433
docs citations

433
times ranked

14413
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel strategy for high-throughput sample collection, analysis and visualization of explosives TM concentrations for contaminated areas. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 1399-1410.	3.5	1
2	Improvement of wastewater and water quality via a full-scale ozonation plant? â€“ A comprehensive analysis of the endocrine potential using effect-based methods. <i>Science of the Total Environment</i> , 2022, 803, 149756.	8.0	17
3	Demonstration of an aggregated biomarker response approach to assess the impact of point and diffuse contaminant sources in feral fish in a small river case study. <i>Science of the Total Environment</i> , 2022, 804, 150020.	8.0	4
4	Remobilization of pollutants during extreme flood events poses severe risks to human and environmental health. <i>Journal of Hazardous Materials</i> , 2022, 421, 126691.	12.4	43
5	Extensive rain events have a more substantial impact than advanced effluent treatment on the endocrine-disrupting activity in an effluent-dominated small river. <i>Science of the Total Environment</i> , 2022, 807, 150887.	8.0	6
6	Toxicogenomic profiling after sublethal exposure to nerve- and muscle-targeting insecticides reveals cardiac and neuronal developmental effects in zebrafish embryos. <i>Chemosphere</i> , 2022, 291, 132746.	8.2	17
7	A plea for the integration of Green Toxicology in sustainable bioeconomy strategies â€“ Biosurfactants and microgel-based pesticide release systems as examples. <i>Journal of Hazardous Materials</i> , 2022, 426, 127800.	12.4	5
8	Assessing the genotoxic potential of freshwater sediments after extensive rain events â€“ Lessons learned from a case study in an effluent-dominated river in Germany. <i>Water Research</i> , 2022, 209, 117921.	11.3	7
9	Effects of algae and fungicides on the fate of a sulfonylurea herbicide in a water-sediment system. <i>Chemosphere</i> , 2022, 290, 133234.	8.2	4
10	Clozapine modulation of zebrafish swimming behavior and gene expression as a case study to investigate effects of atypical drugs on aquatic organisms. <i>Science of the Total Environment</i> , 2022, 815, 152621.	8.0	4
11	Getting more out of the zebrafish light dark transition test. <i>Chemosphere</i> , 2022, 295, 133863.	8.2	14
12	One planet: one health. A call to support the initiative on a global scienceâ€“policy body on chemicals and waste. <i>Environmental Sciences Europe</i> , 2022, 34, 21.	5.5	39
13	An emerging role of microplastics in the etiology of lung ground glass nodules. <i>Environmental Sciences Europe</i> , 2022, 34, .	5.5	57
14	Two types of microplastics (polystyrene-HBCD and car tire abrasion) affect oxidative stress-related biomarkers in earthworm <i>Eisenia andrei</i> in a time-dependent manner. <i>Environment International</i> , 2022, 163, 107190.	10.0	38
15	Passive dosing: Assessing the toxicity of individual PAHs and recreated mixtures to the microalgae <i>Raphidocelis subcapitata</i> . <i>Aquatic Toxicology</i> , 2022, 249, 106220.	4.0	9
16	Using a high-throughput method in the micronucleus assay to compare animal-free with rat-derived S9. <i>Science of the Total Environment</i> , 2021, 751, 142269.	8.0	7
17	Detection of SARS-CoV-2 in raw and treated wastewater in Germany â€“ Suitability for COVID-19 surveillance and potential transmission risks. <i>Science of the Total Environment</i> , 2021, 751, 141750.	8.0	300
18	Green toxicological investigation for biofuel candidates. <i>Science of the Total Environment</i> , 2021, 764, 142902.	8.0	9

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19	Is a liver comparable to a liver? A comparison of different rat-derived S9-fractions with a biotechnological animal-free alternative in the Ames fluctuation assay. <i>Science of the Total Environment</i> , 2021, 759, 143522.	8.0	6
20	Comparative toxicity assessment of in situ burn residues to initial and dispersed heavy fuel oil using zebrafish embryos as test organisms. <i>Environmental Science and Pollution Research</i> , 2021, 28, 16198-16213.	5.3	8
21	Bioavailability and impacts of estrogenic compounds from suspended sediment on rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2021, 231, 105719.	4.0	15
22	Combined sediment desorption and bioconcentration model to predict levels of dioxin-like chemicals in fish. <i>Science of the Total Environment</i> , 2021, 758, 143891.	8.0	4
23	Editorial “Virtual special issue (VSI) green turtles as silent sentinels of pollution in the Great Barrier Reef” Rivers to Reef to Turtles project. <i>Science of the Total Environment</i> , 2021, 757, 144188.	8.0	4
24	Toxicogenomic fin(ger)prints for thyroid disruption AOP refinement and biomarker identification in zebrafish embryos. <i>Science of the Total Environment</i> , 2021, 760, 143914.	8.0	21
25	Bioanalytical equivalents and relative potencies for predicting the biological effects of mixtures. <i>Science of the Total Environment</i> , 2021, 763, 143030.	8.0	8
26	Identification of molecular toxicity pathways across early life-stages of zebrafish exposed to PCB126 using a whole transcriptomics approach. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111716.	6.0	1
27	Commercial preparations of pesticides exert higher toxicity and cause changes at subcellular level in earthworm <i>Eisenia andrei</i> . <i>Environmental Sciences Europe</i> , 2021, 33, .	5.5	14
28	The Role of Behavioral Ecotoxicology in Environmental Protection. <i>Environmental Science & Technology</i> , 2021, 55, 5620-5628.	10.0	101
29	Calibration of the SPEARpesticides bioindicator for cost-effective pesticide monitoring in East African streams. <i>Environmental Sciences Europe</i> , 2021, 33, .	5.5	8
30	Coupling high-performance thin-layer chromatography with a battery of cell-based assays reveals bioactive components in wastewater and landfill leachates. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112092.	6.0	12
31	Disentangling multiple chemical and non-chemical stressors in a lotic ecosystem using a longitudinal approach. <i>Science of the Total Environment</i> , 2021, 769, 144324.	8.0	24
32	Distribution and toxicity of persistent organic pollutants and methoxylated polybrominated diphenylethers in different tissues of the green turtle <i>Chelonia mydas</i> . <i>Environmental Pollution</i> , 2021, 277, 116795.	7.5	5
33	A Novel Multispecies Toxicokinetic Modeling Approach in Support of Chemical Risk Assessment. <i>Environmental Science & Technology</i> , 2021, 55, 9109-9118.	10.0	8
34	The Green toxicology approach: Insight towards the eco-toxicologically safe development of benign catalysts. <i>Journal of Hazardous Materials</i> , 2021, 416, 125889.	12.4	16
35	Multilevel responses of adult zebrafish to crude and chemically dispersed oil exposure. <i>Environmental Sciences Europe</i> , 2021, 33, .	5.5	10
36	Evidence of increased estrogenicity upon metabolism of Bisphenol F - Elucidation of the key metabolites. <i>Science of the Total Environment</i> , 2021, 787, 147669.	8.0	12

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37	What is the actual exposure of organic compounds on <i>Chironomus riparius</i> ? - A novel methodology enabling the depth-related analysis in sediment microcosms. <i>Chemosphere</i> , 2021, 279, 130424.	8.2	8
38	An integrative approach to define chemical exposure threshold limits for endangered sea turtles. <i>Journal of Hazardous Materials</i> , 2021, 420, 126512.	12.4	2
39	Effects of the antidepressant mirtazapine on the swimming behaviour and gene expression rate of <i>Danio rerio</i> embryos – Is the sedating effect seen in humans also evident for fish?. <i>Science of the Total Environment</i> , 2021, 792, 148368.	8.0	5
40	What is the spatial-temporal behavior of a low, medium and high adsorptive compound in two contrasting natural sediments in OECD 218/219 test systems?. <i>Science of the Total Environment</i> , 2021, , 151096.	8.0	0
41	Do you smell the danger? Effects of three commonly used pesticides on the olfactory-mediated antipredator response of zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2020, 241, 124963.	8.2	7
42	Detection of biomarkers to differentiate endocrine disruption from hepatotoxicity in zebrafish (<i>Danio rerio</i>) using proteomics. <i>Chemosphere</i> , 2020, 240, 124970.	8.2	23
43	Differences in biomarker and behavioral responses to native and chemically dispersed crude and refined fossil oils in zebrafish early life stages. <i>Science of the Total Environment</i> , 2020, 709, 136174.	8.0	28
44	Receptor-mediated estrogenicity of native and chemically dispersed crude oil determined using adapted microscale reporter gene assays. <i>Environment International</i> , 2020, 134, 105320.	10.0	7
45	Tai Hu (China): Water quality and processes – From the source to the tap. <i>Science of the Total Environment</i> , 2020, 712, 135559.	8.0	7
46	Assessing endocrine disruption in freshwater fish species from a “hotspot” for estrogenic activity in sediment. <i>Environmental Pollution</i> , 2020, 257, 113636.	7.5	21
47	The hydrothermal solution for self-sustaining drinking water purification at point of use. <i>Water Research</i> , 2020, 170, 115338.	11.3	8
48	Combining Different In Vitro Bioassays to Evaluate Genotoxicity of Water-Accommodated Fractions from Petroleum Products. <i>Toxics</i> , 2020, 8, 45.	3.7	10
49	Following the adverse outcome pathway from micronucleus to cancer using H2B-eGFP transgenic healthy stem cells. <i>Archives of Toxicology</i> , 2020, 94, 3265-3280.	4.2	15
50	Optimization of a pre-metabolization procedure using rat liver S9 and cell-extracted S9 in the Ames fluctuation test. <i>Science of the Total Environment</i> , 2020, 749, 141468.	8.0	10
51	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let’s cooperate!. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	46
52	Whole-Sediment Toxicity Bioassay to Determine Bioavailability and Effects of Aquatic Contaminants Using Zebrafish Embryos. <i>Methods in Pharmacology and Toxicology</i> , 2020, , 1.	0.2	0
53	Validation of the micro-EROD assay with H4IIE cells for assessing sediment contamination with dioxin-like chemicals. <i>Environmental Pollution</i> , 2020, 265, 114984.	7.5	3
54	Selection of assay, organism, and approach in biomonitoring significantly affects the evaluation of genotoxic potential in aquatic environments. <i>Environmental Science and Pollution Research</i> , 2020, 27, 33903-33915.	5.3	7

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55	New Insights into the Toxicokinetics of 3,4-Dichloroaniline in Early Life Stages of Zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT/Overlook	3.7	11
56	Short exposure to cadmium disrupts the olfactory system of zebrafish (Danio rerio) – Relating altered gene expression in the olfactory organ to behavioral deficits. Aquatic Toxicology, 2020, 226, 105555.	4.0	14
57	Ecological risk assessment of fifty pharmaceuticals and personal care products (PPCPs) in Chinese surface waters: A proposed multiple-level system. Environment International, 2020, 136, 105454.	10.0	203
58	Pesticide pollution in freshwater paves the way for schistosomiasis transmission. Scientific Reports, 2020, 10, 3650.	3.3	31
59	Optimization of the Ames RAMOS test allows for a reproducible high-throughput mutagenicity test. Science of the Total Environment, 2020, 717, 137168.	8.0	14
60	Alternative type of Ames test allows for dynamic mutagenicity detection by online monitoring of respiration activity. Science of the Total Environment, 2020, 726, 137862.	8.0	10
61	Microplastics Lead to Hyperactive Swimming Behaviour in Adult Zebrafish. Aquatic Toxicology, 2020, 224, 105521.	4.0	95
62	Moderate inundation stimulates plant community assembly in the drawdown zone of China's Three Gorges Reservoir. Environmental Sciences Europe, 2020, 32, .	5.5	15
63	Obituary for Tamara Grummt. Environmental Sciences Europe, 2020, 32, .	5.5	1
64	Geotextilien in Seedeichen – Ökotoxikologische Aspekte. Wasser: Ökologie Und Bewirtschaftung, 2020, , 101-115.	0.2	2
65	Chemical concentrations in cell culture compartments (C5) – free concentrations. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 693-708.	1.5	7
66	Benzo[a]pyrene and 2,3-benzofuran induce divergent temporal patterns of AhR-regulated responses in zebrafish embryos (Danio rerio). Ecotoxicology and Environmental Safety, 2019, 183, 109505.	6.0	7
67	Combination of yeast-based in vitro screens with high-performance thin-layer chromatography as a novel tool for the detection of hormonal and dioxin-like compounds. Analytica Chimica Acta, 2019, 1081, 218-230.	5.4	22
68	Promoting zebrafish embryo tool to identify the effects of chemicals in the context of Water Framework Directive monitoring and assessment. Microchemical Journal, 2019, 149, 104035.	4.5	10
69	Quantification of nitroaromatic explosives in contaminated soil using MALDI-TOF mass spectrometry. Analytical and Bioanalytical Chemistry, 2019, 411, 5993-6003.	3.7	11
70	Future water quality monitoring: improving the balance between exposure and toxicity assessments of real-world pollutant mixtures. Environmental Sciences Europe, 2019, 31, .	5.5	142
71	Detection and Quantification of Photosystem II Inhibitors Using the Freshwater Alga <i>Desmodesmus subspicatus</i> in Combination with High-Performance Thin-Layer Chromatography. Environmental Science & Technology, 2019, 53, 13458-13467.	10.0	12
72	Some food for thought: a short comment on Charles Benbrook's paper – "How did the US EPA and IARC reach diametrically opposed conclusions on the genotoxicity of glyphosate-based herbicides?" – and its implications. Environmental Sciences Europe, 2019, 31, .	5.5	2

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73	Celebrating 20 years of SETAC German Language Branch (GLB). Environmental Sciences Europe, 2019, 31, .	5.5	0
74	Effect-based methods are key. The European Collaborative Project SOLUTIONS recommends integrating effect-based methods for diagnosis and monitoring of water quality. Environmental Sciences Europe, 2019, 31, .	5.5	140
75	20 years SETAC GLB: increasing realism of pesticide risk assessment. Environmental Sciences Europe, 2019, 31, .	5.5	6
76	Future pesticide risk assessment: narrowing the gap between intention and reality. Environmental Sciences Europe, 2019, 31, .	5.5	80
77	The EU Horizon 2020 project GRACE: integrated oil spill response actions and environmental effects. Environmental Sciences Europe, 2019, 31, .	5.5	23
78	Let us empower the WFD to prevent risks of chemical pollution in European rivers and lakes. Environmental Sciences Europe, 2019, 31, .	5.5	13
79	Approach for analytical characterization and toxicological assessment of ozonation products in drinking water on the example of acesulfame. Water Research, 2019, 153, 357-368.	11.3	20
80	Is <i>Hyalella azteca</i> a Suitable Model Leaf-Shredding Benthic Crustacean for Testing the Toxicity of Sediment-Associated Metals in Europe?. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 303-309.	2.7	4
81	A combined FSTRA-shotgun proteomics approach to identify molecular changes in zebrafish upon chemical exposure. Scientific Reports, 2019, 9, 6599.	3.3	15
82	Bioavailability of estrogenic compounds from sediment in the context of flood events evaluated by passive sampling. Water Research, 2019, 161, 540-548.	11.3	29
83	Leaching of endocrine disrupting chemicals from marine microplastics and mesoplastics under common life stress conditions. Environment International, 2019, 130, 104938.	10.0	180
84	Monitoring estrogenic activities of waste and surface waters using a novel in vivo zebrafish embryonic (EASZY) assay: Comparison with in vitro cell-based assays and determination of effect-based trigger values. Environment International, 2019, 130, 104896.	10.0	43
85	Evaluation of mixture effects of endocrine active substances in wastewater using CALUX reporter-gene assays. International Journal of Hygiene and Environmental Health, 2019, 222, 670-677.	4.3	9
86	Identification of 7- and 9 ring polycyclic aromatic hydrocarbons in coals and petrol coke using High performance liquid chromatography – Diode array detection coupled to Atmospheric pressure laser ionization – Mass spectrometry (HPLC-DAD-APLI-MS). Environmental Pollution, 2019, 252, 723-732.	7.5	11
87	Bone resorption and body reorganization during maturation induce maternal transfer of toxic metals in anguillid eels. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11339-11344.	7.1	14
88	Optimization of screening-level risk assessment and priority selection of emerging pollutants – The case of pharmaceuticals in European surface waters. Environment International, 2019, 128, 1-10.	10.0	214
89	Bioactivation of Quinolines in a Recombinant Estrogen Receptor Transactivation Assay Is Catalyzed by N-Methyltransferases. Chemical Research in Toxicology, 2019, 32, 698-707.	3.3	2
90	Ecotoxicity of Nitrogen, Sulfur, or Oxygen Heterocycles and Short-Chain Alkyl Phenols Commonly Detected in Contaminated Groundwater. Environmental Toxicology and Chemistry, 2019, 38, 1343-1355.	4.3	18

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91	Toxicity of 10 organic micropollutants and their mixture: Implications for aquatic risk assessment. <i>Science of the Total Environment</i> , 2019, 666, 1273-1282.	8.0	99
92	Toxicological and ecotoxicological evaluation of the water quality in a large and eutrophic freshwater lake of China. <i>Science of the Total Environment</i> , 2019, 667, 809-820.	8.0	19
93	Combination of In Situ Feeding Rate Experiments and Chemical Body Burden Analysis to Assess the Influence of Micropollutants in Wastewater on <i>Gammarus pulex</i> . <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 883.	2.6	5
94	Pesticides diazinon and diuron increase glutathione levels and affect multixenobiotic resistance activity and biomarker responses in zebrafish (<i>Danio rerio</i>) embryos and larvae. <i>Environmental Sciences Europe</i> , 2019, 31, .	5.5	35
95	Fostering Water Treatment in Eutrophic Areas: Innovative Water Quality Monitoring, and Technologies Mitigating Taste & Odor Problems Demonstrated at Tai Hu. <i>Future City</i> , 2019, , 91-110.	0.5	1
96	Behavioral profile alterations in zebrafish larvae exposed to environmentally relevant concentrations of eight priority pharmaceuticals. <i>Science of the Total Environment</i> , 2019, 664, 89-98.	8.0	40
97	Toxicity and neurotoxicity profiling of contaminated sediments from Gulf of Bothnia (Sweden): a multi-endpoint assay with Zebrafish embryos. <i>Environmental Sciences Europe</i> , 2019, 31, .	5.5	21
98	Assessing the ecological impact of chemical pollution on aquatic ecosystems requires the systematic exploration and evaluation of four lines of evidence. <i>Environmental Sciences Europe</i> , 2019, 31, .	5.5	19
99	Exploring the "solution space"™ is key: SOLUTIONS recommends an early-stage assessment of options to protect and restore water quality against chemical pollution. <i>Environmental Sciences Europe</i> , 2019, 31, .	5.5	19
100	In Situ Determination of Genotoxic Effects in Fish Erythrocytes Using Comet and Micronucleus Assays. <i>Methods in Pharmacology and Toxicology</i> , 2019, , 1.	0.2	2
101	Acute toxicities and effects on multixenobiotic resistance activity of eight pesticides to the earthworm <i>Eisenia andrei</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 4821-4832.	5.3	20
102	Cyanobacterial blooms act as sink and source of endocrine disruptors in the third largest freshwater lake in China. <i>Environmental Pollution</i> , 2019, 245, 408-418.	7.5	24
103	Assessing the fate of brown trout (<i>Salmo trutta</i>) environmental DNA in a natural stream using a sensitive and specific dual-labelled probe. <i>Science of the Total Environment</i> , 2019, 655, 321-327.	8.0	34
104	Effect-based and chemical analyses of agonistic and antagonistic endocrine disruptors in multiple matrices of eutrophic freshwaters. <i>Science of the Total Environment</i> , 2019, 651, 1096-1104.	8.0	22
105	Integrating bioassays, chemical analysis and in silico techniques to identify genotoxicants in surface water. <i>Science of the Total Environment</i> , 2019, 650, 3084-3092.	8.0	12
106	Marine microplastics bound dioxin-like chemicals: Model explanation and risk assessment. <i>Journal of Hazardous Materials</i> , 2019, 364, 82-90.	12.4	103
107	Integrated zebrafish-based tests as an investigation strategy for water quality assessment. <i>Water Research</i> , 2019, 150, 252-260.	11.3	25
108	Strengthen the European collaborative environmental research to meet European policy goals for achieving a sustainable, non-toxic environment. <i>Environmental Sciences Europe</i> , 2019, 31, .	5.5	7

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109	Looking back - Looking forward: A novel multi-time slice weight-of-evidence approach for defining reference conditions to assess the impact of human activities on lake systems. <i>Science of the Total Environment</i> , 2018, 626, 1036-1046.	8.0	9
110	Effect-based and chemical analytical methods to monitor estrogens under the European Water Framework Directive. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 225-235.	11.4	82
111	Effect-based trigger values for in vitro and in vivo bioassays performed on surface water extracts supporting the environmental quality standards (EQS) of the European Water Framework Directive. <i>Science of the Total Environment</i> , 2018, 628-629, 748-765.	8.0	176
112	Mixture effects in samples of multiple contaminants – An inter-laboratory study with manifold bioassays. <i>Environment International</i> , 2018, 114, 95-106.	10.0	113
113	In situ microbiota distinguished primary anthropogenic stressor in freshwater sediments. <i>Environmental Pollution</i> , 2018, 239, 189-197.	7.5	19
114	Life cycle of PCBs and contamination of the environment and of food products from animal origin. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16325-16343.	5.3	67
115	Editorial: Special Issue – “Effect-related evaluation of anthropogenic trace substances” concepts for genotoxicity, neurotoxicity and endocrine effects. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3945-3950.	5.3	3
116	Silver nanoparticles in sewage sludge: Bioavailability of sulfidized silver to the terrestrial isopod <i>Porcellio scaber</i> . <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1606-1613.	4.3	49
117	Comparative analysis of the transcriptome responses of zebrafish embryos after exposure to low concentrations of cadmium, cobalt and copper. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 25, 99-108.	1.0	11
118	Towards more ecological relevance in sediment toxicity testing with fish: Evaluation of multiple bioassays with embryos of the benthic weatherfish (<i>Misgurnus fossilis</i>). <i>Science of the Total Environment</i> , 2018, 619-620, 391-400.	8.0	19
119	Novel procedures for whole organism detection and quantification of fluorescence as a measurement for oxidative stress in zebrafish (<i>Danio rerio</i>) larvae. <i>Chemosphere</i> , 2018, 197, 200-209.	8.2	31
120	Comparative ecotoxicity of potential biofuels to water flea (<i>Daphnia magna</i>), zebrafish (<i>Danio rerio</i>) and Chinese hamster (<i>Cricetulus griseus</i>) V79 cells. <i>Science of the Total Environment</i> , 2018, 631-632, 216-222.	8.0	14
121	Miniaturised Marine Algae Test with Polycyclic Aromatic Hydrocarbons – Comparing Equilibrium Passive Dosing and Nominal Spiking. <i>Aquatic Toxicology</i> , 2018, 198, 190-197.	4.0	18
122	Screening and risk management solutions for steroidal estrogens in surface and wastewater. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 343-358.	11.4	68
123	Fishing for contaminants: identification of three mechanism specific transcriptome signatures using <i>Danio rerio</i> embryos. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4023-4036.	5.3	6
124	Comparison of in vitro test systems using bacterial and mammalian cells for genotoxicity assessment within the “health-related indication value (HRIV) concept. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3996-4010.	5.3	5
125	p53 induction and cell viability modulation by genotoxic individual chemicals and mixtures. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4012-4022.	5.3	9
126	Toxicological and chemical insights into representative source and drinking water in eastern China. <i>Environmental Pollution</i> , 2018, 233, 35-44.	7.5	46

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127	A hierarchical testing strategy for micropollutants in drinking water regarding their potential endocrine-disrupting effects – towards health-related indicator values. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4051-4065.	5.3	22
128	Effect-based approach for screening of chemical mixtures in whole blood of green turtles from the Great Barrier Reef. <i>Science of the Total Environment</i> , 2018, 612, 321-329.	8.0	26
129	In vitro tools for the toxicological evaluation of sediments and dredged materials: intra- and inter-laboratory comparisons of chemical and bioanalytical methods. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4037-4050.	5.3	7
130	Generalized concentration addition accurately predicts estrogenic potentials of mixtures and environmental samples containing partial agonists. <i>Toxicology in Vitro</i> , 2018, 46, 294-303.	2.4	17
131	Pollutants in Plastics within the North Pacific Subtropical Gyre. <i>Environmental Science & Technology</i> , 2018, 52, 446-456.	10.0	121
132	Identification of Unknown Antiandrogenic Compounds in Surface Waters by Effect-Directed Analysis (EDA) Using a Parallel Fractionation Approach. <i>Environmental Science & Technology</i> , 2018, 52, 288-297.	10.0	59
133	Electrochemical simulation of triclosan metabolism and toxicological evaluation. <i>Science of the Total Environment</i> , 2018, 622-623, 1193-1201.	8.0	24
134	Validation of Arxula Yeast Estrogen Screen assay for detection of estrogenic activity in water samples: Results of an international interlaboratory study. <i>Science of the Total Environment</i> , 2018, 621, 612-625.	8.0	32
135	Status quo report on wastewater treatment plant, receiving water's biocoenosis and quality as basis for evaluation of large-scale ozonation process. <i>Water Science and Technology</i> , 2018, 77, 337-345.	2.5	11
136	Reviewing the relevance of dioxin and PCB sources for food from animal origin and the need for their inventory, control and management. <i>Environmental Sciences Europe</i> , 2018, 30, 42.	5.5	122
137	An ecotoxicological view on neurotoxicity assessment. <i>Environmental Sciences Europe</i> , 2018, 30, 46.	5.5	168
138	Towards a holistic and solution-oriented monitoring of chemical status of European water bodies: how to support the EU strategy for a non-toxic environment?. <i>Environmental Sciences Europe</i> , 2018, 30, 33.	5.5	76
139	Development and validation of a ready to use cryo-EROD assay for the standardized screening of dioxins and dioxin-like compounds in foodstuffs. <i>Food and Chemical Toxicology</i> , 2018, 122, 206-214.	3.6	4
140	Genotoxicity of three biofuel candidates compared to reference fuels. <i>Environmental Toxicology and Pharmacology</i> , 2018, 64, 131-138.	4.0	10
141	A temporal high-resolution investigation of the Ah-receptor pathway during early development of zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2018, 204, 117-129.	4.0	9
142	Effects of virgin microplastics on goldfish (<i>Carassius auratus</i>). <i>Chemosphere</i> , 2018, 213, 323-332.	8.2	212
143	Simulation-based assessment of the impact of fertiliser and herbicide application on freshwater ecosystems at the Three Gorges Reservoir in China. <i>Science of the Total Environment</i> , 2018, 639, 286-303.	8.0	18
144	Herbicides diuron and fluzifop-p-butyl affect avoidance response and multixenobiotic resistance activity in earthworm <i>Eisenia andrei</i> . <i>Chemosphere</i> , 2018, 210, 110-119.	8.2	21

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145	Aquatic toxicity of biofuel candidates on <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 125-130.	6.0	8
146	Improving the reliability of aquatic toxicity testing of hydrophobic chemicals via equilibrium passive dosing – A multiple trophic level case study on bromochlorophene. <i>Science of the Total Environment</i> , 2017, 584-585, 96-104.	8.0	15
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