

Henner Hollert

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

394
papers

12,235
citations

60
h-index

91
g-index

433
ext. papers

14,376
ext. citations

6.5
avg, IF

6.49
L-index

#	Paper	IF	Citations
394	Getting more out of the zebrafish light dark transition test.. <i>Chemosphere</i> , 2022 , 295, 133863	8.4	2
393	Improvement of wastewater and water quality via a full-scale ozonation plant? - A comprehensive analysis of the endocrine potential using effect-based methods. <i>Science of the Total Environment</i> , 2022 , 803, 149756	10.2	4
392	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	10.2	0
391	Remobilization of pollutants during extreme flood events poses severe risks to human and environmental health. <i>Journal of Hazardous Materials</i> , 2022 , 421, 126691	12.8	7
390	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	5	2
389	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	12.9	2
388	ELIXIR and Toxicology: a community in development. <i>F1000Research</i> , 2021 , 10, 1129	3.6	0
387	Toxicogenomic profiling after sublethal exposure to nerve- and muscle-targeting insecticides reveals cardiac and neuronal developmental effects in zebrafish embryos. <i>Chemosphere</i> , 2021 , 291, 132746	8.4	2
386	A plea for the integration of Green Toxicology in sustainable bioeconomy strategies - Biosurfactants and microgel-based pesticide release systems as examples. <i>Journal of Hazardous Materials</i> , 2021 , 127800	12.8	0
385	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> , 2021 , 209, 117921	12.5	2
384	Effects of algae and fungicides on the fate of a sulfonylurea herbicide in a water-sediment system.. <i>Chemosphere</i> , 2021 , 290, 133234	8.4	1
383	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> , 2021 , 152621	10.2	1
382	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	10.2	
381	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> , 2021 , 807, 150887	10.2	1
380	The Role of Behavioral Ecotoxicology in Environmental Protection. <i>Environmental Science & Technology</i> , 2021 , 55, 5620-5628	10.3	28
379	Calibration of the SPEARpesticides bioindicator for cost-effective pesticide monitoring in East African streams. <i>Environmental Sciences Europe</i> , 2021 , 33,	5	4
378	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	7	6

377	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	10.2	7
376	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	9.3	0
375	A Novel Multispecies Toxicokinetic Modeling Approach in Support of Chemical Risk Assessment. <i>Environmental Science & Technology</i> , 2021 , 55, 9109-9118	10.3	4
374	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	10.2	4
373	Detection of SARS-CoV-2 in raw and treated wastewater in Germany - Suitability for COVID-19 surveillance and potential transmission risks. <i>Science of the Total Environment</i> , 2021 , 751, 141750	10.2	180
372	Green toxicological investigation for biofuel candidates. <i>Science of the Total Environment</i> , 2021 , 764, 142902	10.2	4
371	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	10.2	0
370	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	5.1	6
369	Bioavailability and impacts of estrogenic compounds from suspended sediment on rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2021 , 231, 105719	5.1	5
368	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	10.2	0
367	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	10.2	8
366	Bioanalytical equivalents and relative potencies for predicting the biological effects of mixtures. <i>Science of the Total Environment</i> , 2021 , 763, 143030	10.2	2
365	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	7	1
364	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	2
363	The Green toxicology approach: Insight towards the eco-toxicologically safe development of benign catalysts. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125889	12.8	6
362	Multilevel responses of adult zebrafish to crude and chemically dispersed oil exposure. <i>Environmental Sciences Europe</i> , 2021 , 33,	5	3
361	Evidence of increased estrogenicity upon metabolism of Bisphenol F - Elucidation of the key metabolites. <i>Science of the Total Environment</i> , 2021 , 787, 147669	10.2	0
360	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	8.4	4

359	An integrative approach to define chemical exposure threshold limits for endangered sea turtles. <i>Journal of Hazardous Materials</i> , 2021 , 420, 126512	12.8	0
358	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	10.2	0
357	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	12
356	Whole-Sediment Toxicity Bioassay to Determine Bioavailability and Effects of Aquatic Contaminants Using Zebrafish Embryos. <i>Methods in Pharmacology and Toxicology</i> , 2020 , 1	1.1	
355	Validation of the micro-EROD assay with H4IIE cells for assessing sediment contamination with dioxin-like chemicals. <i>Environmental Pollution</i> , 2020 , 265, 114984	9.3	
354	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	5.1	4
353	New Insights into the Toxicokinetics of 3,4-Dichloroaniline in Early Life Stages of Zebrafish (<i>D. rerio</i>). <i>Toxics</i> , 2020 , 8,	4.7	3
352	Short exposure to cadmium disrupts the olfactory system of zebrafish (<i>Danio rerio</i>) - Relating altered gene expression in the olfactory organ to behavioral deficits. <i>Aquatic Toxicology</i> , 2020 , 226, 105555	5.1	3
351	Ecological risk assessment of fifty pharmaceuticals and personal care products (PPCPs) in Chinese surface waters: A proposed multiple-level system. <i>Environment International</i> , 2020 , 136, 105454	12.9	77
350	Pesticide pollution in freshwater paves the way for schistosomiasis transmission. <i>Scientific Reports</i> , 2020 , 10, 3650	4.9	17
349	Optimization of the Ames RAMOS test allows for a reproducible high-throughput mutagenicity test. <i>Science of the Total Environment</i> , 2020 , 717, 137168	10.2	6
348	Alternative type of Ames test allows for dynamic mutagenicity detection by online monitoring of respiration activity. <i>Science of the Total Environment</i> , 2020 , 726, 137862	10.2	3
347	Moderate inundation stimulates plant community assembly in the drawdown zone of China's Three Gorges Reservoir. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	5
346	Geotextilien in Seedeichen - Ökotoxikologische Aspekte. <i>Wasser: Ökologie Und Bewirtschaftung</i> , 2020 , 101-115	0.1	2
345	Chemical concentrations in cell culture compartments (C5) - free concentrations. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020 , 37, 693-708	4.3	3
344	Microplastics Lead to Hyperactive Swimming Behaviour in Adult Zebrafish. <i>Aquatic Toxicology</i> , 2020 , 224, 105521	5.1	36
343	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	10.2	15
342	Receptor-mediated estrogenicity of native and chemically dispersed crude oil determined using adapted microscale reporter gene assays. <i>Environment International</i> , 2020 , 134, 105320	12.9	4

341	Assessing endocrine disruption in freshwater fish species from a "hotspot" for estrogenic activity in sediment. <i>Environmental Pollution</i> , 2020 , 257, 113636	9.3	15
340	The hydrothermal solution for self-sustaining drinking water purification at point of use. <i>Water Research</i> , 2020 , 170, 115338	12.5	4
339	Combining Different In Vitro Bioassays to Evaluate Genotoxicity of Water-Accommodated Fractions from Petroleum Products. <i>Toxics</i> , 2020 , 8,	4.7	6
338	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	5.8	3
337	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	10.2	3
336	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	8.4	6
335	Detection of biomarkers to differentiate endocrine disruption from hepatotoxicity in zebrafish (<i>Danio rerio</i>) using proteomics. <i>Chemosphere</i> , 2020 , 240, 124970	8.4	12
334	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. <i>Environmental Sciences Europe</i> , 2019 , 31,	5	2
333	Effect-based methods are key. The European Collaborative Project SOLUTIONS recommends integrating effect-based methods for diagnosis and monitoring of water quality. <i>Environmental Sciences Europe</i> , 2019 , 31,	5	82
332	20 years SETAC GLB: increasing realism of pesticide risk assessment. <i>Environmental Sciences Europe</i> , 2019 , 31,	5	4
331	Future pesticide risk assessment: narrowing the gap between intention and reality. <i>Environmental Sciences Europe</i> , 2019 , 31,	5	47
330	The EU Horizon 2020 project GRACE: integrated oil spill response actions and environmental effects. <i>Environmental Sciences Europe</i> , 2019 , 31,	5	14
329	Let us empower the WFD to prevent risks of chemical pollution in European rivers and lakes. <i>Environmental Sciences Europe</i> , 2019 , 31,	5	10
328	Approach for analytical characterization and toxicological assessment of ozonation products in drinking water on the example of acesulfame. <i>Water Research</i> , 2019 , 153, 357-368	12.5	14
327	Is <i>Hyalella azteca</i> a Suitable Model Leaf-Shredding Benthic Crustacean for Testing the Toxicity of Sediment-Associated Metals in Europe?. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019 , 102, 303-309	2.7	4
326	A combined FSTRA-shotgun proteomics approach to identify molecular changes in zebrafish upon chemical exposure. <i>Scientific Reports</i> , 2019 , 9, 6599	4.9	9
325	Bioavailability of estrogenic compounds from sediment in the context of flood events evaluated by passive sampling. <i>Water Research</i> , 2019 , 161, 540-548	12.5	22
324	Leaching of endocrine disrupting chemicals from marine microplastics and mesoplastics under common life stress conditions. <i>Environment International</i> , 2019 , 130, 104938	12.9	95

323	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. <i>Environment International</i> , 2019 , 130, 104896	12.9	24
322	Evaluation of mixture effects of endocrine active substances in wastewater using CALUX reporter-gene assays. <i>International Journal of Hygiene and Environmental Health</i> , 2019 , 222, 670-677	6.9	5
321	Identification of 7-9 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). <i>Environmental Pollution</i> , 2019 , 252, 723-732	9.3	9
320	Bone resorption and body reorganization during maturation induce maternal transfer of toxic metals in anguillid eels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 11339-11344	11.5	7
319	Optimization of screening-level risk assessment and priority selection of emerging pollutants - The case of pharmaceuticals in European surface waters. <i>Environment International</i> , 2019 , 128, 1-10	12.9	112
318	Bioactivation of Quinolines in a Recombinant Estrogen Receptor Transactivation Assay Is Catalyzed by N-Methyltransferases. <i>Chemical Research in Toxicology</i> , 2019 , 32, 698-707	4	2
317	Ecotoxicity of Nitrogen, Sulfur, or Oxygen Heterocycles and Short-Chained Alkyl Phenols Commonly Detected in Contaminated Groundwater. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 1343-1355	3.8	10
316	Toxicity of 10 organic micropollutants and their mixture: Implications for aquatic risk assessment. <i>Science of the Total Environment</i> , 2019 , 666, 1273-1282	10.2	65
315	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	10.2	8
314	Combination of In Situ Feeding Rate Experiments and Chemical Body Burden Analysis to Assess the Influence of Micropollutants in Wastewater on. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	5
313	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	19
312	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	0.1	1
311	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	10.2	21
310	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	14
309	Benzo[a]pyrene and 2,3-benzofuran induce divergent temporal patterns of AhR-regulated responses in zebrafish embryos (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2019 , 183, 109505 ⁷		4
308	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. <i>Analytica Chimica Acta</i> , 2019 , 1081, 218-230	6.6	12
307	Promoting zebrafish embryo tool to identify the effects of chemicals in the context of Water Framework Directive monitoring and assessment. <i>Microchemical Journal</i> , 2019 , 149, 104035	4.8	6
306	Quantification of nitroaromatic explosives in contaminated soil using MALDI-TOF mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 5993-6003	4.4	9

305	Future water quality monitoring: improving the balance between exposure and toxicity assessments of real-world pollutant mixtures. <i>Environmental Sciences Europe</i> , 2019 , 31,	5	96
304	Detection and Quantification of Photosystem II Inhibitors Using the Freshwater Alga in Combination with High-Performance Thin-Layer Chromatography. <i>Environmental Science & Technology</i> , 2019 , 53, 13458-13467	10.3	7
303	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
302	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	11
301	Exploring the Evolution space: 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	15
300	In Situ Determination of Genotoxic Effects in Fish Erythrocytes Using Comet and Micronucleus Assays. <i>Methods in Pharmacology and Toxicology</i> , 2019 , 1	1.1	1
299	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	5.1	13
298	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	9.3	15
297	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	10.2	17
296	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	10.2	15
295	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	10.2	12
294	Marine microplastics bound dioxin-like chemicals: Model explanation and risk assessment. <i>Journal of Hazardous Materials</i> , 2019 , 364, 82-90	12.8	72
293	Integrated zebrafish-based tests as an investigation strategy for water quality assessment. <i>Water Research</i> , 2019 , 150, 252-260	12.5	18
292	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	10.2	6
291	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	14.6	61
290	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	10.2	124
289	Mixture effects in samples of multiple contaminants - An inter-laboratory study with manifold bioassays. <i>Environment International</i> , 2018 , 114, 95-106	12.9	80
288	In situ microbiota distinguished primary anthropogenic stressor in freshwater sediments. <i>Environmental Pollution</i> , 2018 , 239, 189-197	9.3	15

287	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	5.1	38
286	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	3.8	42
285	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	2	10
284	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	10.2	16
283	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	8.4	20
282	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	10.2	8
281	Miniaturised Marine Algae Test with Polycyclic Aromatic Hydrocarbons - Comparing Equilibrium Passive Dosing and Nominal Spiking. <i>Aquatic Toxicology</i> , 2018 , 198, 190-197	5.1	10
280	Screening and risk management solutions for steroidal estrogens in surface and wastewater. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 102, 343-358	14.6	46
279	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	5.1	5
278	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	5.1	2
277	p53 induction and cell viability modulation by genotoxic individual chemicals and mixtures. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 4012-4022	5.1	5
276	Toxicological and chemical insights into representative source and drinking water in eastern China. <i>Environmental Pollution</i> , 2018 , 233, 35-44	9.3	32
275	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	5.1	16
274	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	10.2	17
273	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	5.1	5
272	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	8.4	17
271	Aquatic toxicity of biofuel candidates on <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018 , 164, 125-130	7	7
270	Generalized concentration addition accurately predicts estrogenic potentials of mixtures and environmental samples containing partial agonists. <i>Toxicology in Vitro</i> , 2018 , 46, 294-303	3.6	14

269	Pollutants in Plastics within the North Pacific Subtropical Gyre. <i>Environmental Science & Technology</i> , 2018 , 52, 446-456	10.3	85
268	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	10.3	47
267	Electrochemical simulation of triclosan metabolism and toxicological evaluation. <i>Science of the Total Environment</i> , 2018 , 622-623, 1193-1201	10.2	16
266	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	10.2	19
265	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	2.2	9
264	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	81
263	An ecotoxicological view on neurotoxicity assessment. <i>Environmental Sciences Europe</i> , 2018 , 30, 46	5	97
262	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	55
261	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	4.7	2
260	Genotoxicity of three biofuel candidates compared to reference fuels. <i>Environmental Toxicology and Pharmacology</i> , 2018 , 64, 131-138	5.8	8
259	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	5.1	6
258	Effects of virgin microplastics on goldfish (<i>Carassius auratus</i>). <i>Chemosphere</i> , 2018 , 213, 323-332	8.4	114
257	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	10.2	15
256	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	10.2	10
255	Toward Streamlined Identification of Dioxin-like Compounds in Environmental Samples through Integration of Suspension Bioassay. <i>Environmental Science & Technology</i> , 2017 , 51, 3382-3390	10.3	13
254	In vivo EROD assays with the zebrafish (<i>Danio rerio</i>) as rapid screening tools for the detection of dioxin-like activity. <i>Science of the Total Environment</i> , 2017 , 590-591, 269-280	10.2	29
253	Quantitative investigation of the mechanisms of microplastics and nanoplastics toward zebrafish larvae locomotor activity. <i>Science of the Total Environment</i> , 2017 , 584-585, 1022-1031	10.2	288
252	European demonstration program on the effect-based and chemical identification and monitoring of organic pollutants in European surface waters. <i>Science of the Total Environment</i> , 2017 , 601-602, 1849-1868	10.2	106

251	Diuron and diazinon alter the behavior of zebrafish embryos and larvae in the absence of acute toxicity. <i>Chemosphere</i> , 2017 , 180, 65-76	8.4	56
250	Weatherfish (<i>Misgurnus fossilis</i>) as a new species for toxicity testing?. <i>Aquatic Toxicology</i> , 2017 , 183, 46-53	5.1	8
249	Assessment of a novel device for onsite integrative large-volume solid phase extraction of water samples to enable a comprehensive chemical and effect-based analysis. <i>Science of the Total Environment</i> , 2017 , 581-582, 350-358	10.2	42
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