

Henner Hollert

List of Publications by Year in descending order

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396
papers

16,505
citations

13854

67
h-index

26591

107
g-index

433
all docs

433
docs citations

433
times ranked

14413
citing authors

#	ARTICLE	IF	CITATIONS
1	Zebrafish embryos as an alternative to animal experiments – A commentary on the definition of the onset of protected life stages in animal welfare regulations. <i>Reproductive Toxicology</i> , 2012, 33, 128-132.	1.3	491
2	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.	3.9	481
3	Enhanced uptake of BPA in the presence of nanoplastics can lead to neurotoxic effects in adult zebrafish. <i>Science of the Total Environment</i> , 2017, 609, 1312-1321.	3.9	329
4	Dioxin- and POP-contaminated sites – contemporary and future relevance and challenges. <i>Environmental Science and Pollution Research</i> , 2008, 15, 363-393.	2.7	322
5	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.	3.9	300
6	Effect-directed analysis supporting monitoring of aquatic environments – An in-depth overview. <i>Science of the Total Environment</i> , 2016, 544, 1073-1118.	3.9	288
7	Towards the review of the European Union Water Framework Directive: Recommendations for more efficient assessment and management of chemical contamination in European surface water resources. <i>Science of the Total Environment</i> , 2017, 576, 720-737.	3.9	255
8	Future water quality monitoring – Adapting tools to deal with mixtures of pollutants in water resource management. <i>Science of the Total Environment</i> , 2015, 512-513, 540-551.	3.9	243
9	Towards an alternative for the acute fish LC(50) test in chemical assessment: the fish embryo toxicity test goes multi-species – an update. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2005, 22, 87-102.	0.9	225
10	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.	4.8	214
11	Effects of virgin microplastics on goldfish (<i>Carassius auratus</i>). <i>Chemosphere</i> , 2018, 213, 323-332.	4.2	212
12	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.	4.8	203
13	The European technical report on aquatic effect-based monitoring tools under the water framework directive. <i>Environmental Sciences Europe</i> , 2015, 27, .	11.0	196
14	A new sediment contact assay to assess particle-bound pollutants using zebrafish (<i>danio rerio</i>) embryos. <i>Journal of Soils and Sediments</i> , 2003, 3, 197-207.	1.5	195
15	Should the Sediment Quality Triad Become a Tetrad, a Pentad, or Possibly even a Hexad?. <i>Journal of Soils and Sediments</i> , 2006, 6, 4-8.	1.5	184
16	Leaching of endocrine disrupting chemicals from marine microplastics and mesoplastics under common life stress conditions. <i>Environment International</i> , 2019, 130, 104938.	4.8	180
17	Development of a bioanalytical test battery for water quality monitoring: Fingerprinting identified micropollutants and their contribution to effects in surface water. <i>Water Research</i> , 2017, 123, 734-750.	5.3	179
18	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.	3.9	176

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19	An ecotoxicological view on neurotoxicity assessment. <i>Environmental Sciences Europe</i> , 2018, 30, 46.	2.6	168
20	Linking in Vitro Effects and Detected Organic Micropollutants in Surface Water Using Mixture-Toxicity Modeling. <i>Environmental Science & Technology</i> , 2015, 49, 14614-14624.	4.6	164
21	The SOLUTIONS project: Challenges and responses for present and future emerging pollutants in land and water resources management. <i>Science of the Total Environment</i> , 2015, 503-504, 22-31.	3.9	163
22	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.	3.9	151
23	Electrochemical oxidation of fluoroquinolone antibiotics: Mechanism, residual antibacterial activity and toxicity change. <i>Water Research</i> , 2016, 102, 52-62.	5.3	142
24	Future water quality monitoring: improving the balance between exposure and toxicity assessments of real-world pollutant mixtures. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	142
25	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, .	2.6	140
26	Ecological Risk of Nonylphenol in China Surface Waters Based on Reproductive Fitness. <i>Environmental Science & Technology</i> , 2014, 48, 1256-1262.	4.6	132
27	EFFECT-DIRECTED ANALYSIS OF MUTAGENS AND ETHOXYRESORUFIN-O-DEETHYLASE INDUCERS IN AQUATIC SEDIMENTS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2445.	2.2	128
28	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.	2.6	122
29	Pollutants in Plastics within the North Pacific Subtropical Gyre. <i>Environmental Science & Technology</i> , 2018, 52, 446-456.	4.6	121
30	Cytotoxicity of settling particulate matter and sediments of the Neckar River (Germany) during a winter flood. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 528-534.	2.2	119
31	Ecotoxicological Assessment of Sediment, Suspended Matter and Water Samples in the Upper Danube River. A pilot study in search for the causes for the decline of fish catches (12 pp). <i>Environmental Science and Pollution Research</i> , 2006, 13, 308-319.	2.7	116
32	Ecotoxicological effect characterisation of widely used organic UV filters. <i>Environmental Pollution</i> , 2012, 163, 84-90.	3.7	115
33	Mixture effects in samples of multiple contaminants â€” An inter-laboratory study with manifold bioassays. <i>Environment International</i> , 2018, 114, 95-106.	4.8	113
34	A guidance for the assessment and evaluation of sediment quality a German Approach based on ecotoxicological and chemical measurements. <i>Journal of Soils and Sediments</i> , 2002, 2, 37-42.	1.5	109
35	A NOVEL CONTACT ASSAY FOR TESTING GENOTOXICITY OF CHEMICALS AND WHOLE SEDIMENTS IN ZEBRAFISH EMBRYOS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2097.	2.2	109
36	Solution by dilution?â€”A review on the pollution status of the Yangtze River. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6934-6971.	2.7	108

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37	Marine microplastics bound dioxin-like chemicals: Model explanation and risk assessment. <i>Journal of Hazardous Materials</i> , 2019, 364, 82-90.	6.5	103
38	The Role of Behavioral Ecotoxicology in Environmental Protection. <i>Environmental Science & Technology</i> , 2021, 55, 5620-5628.	4.6	101
39	Toxicity of 10 organic micropollutants and their mixture: Implications for aquatic risk assessment. <i>Science of the Total Environment</i> , 2019, 666, 1273-1282.	3.9	99
40	Relative differences in aryl hydrocarbon receptor-mediated response for 18 polybrominated and mixed halogenated dibenzo-p-dioxins and furans in cell lines from four different species. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 2448-2454.	2.2	95
41	Microplastics Lead to Hyperactive Swimming Behaviour in Adult Zebrafish. <i>Aquatic Toxicology</i> , 2020, 224, 105521.	1.9	95
42	Cyano Sulfoximines: COX Inhibition, Anticancer Activity, Cellular Toxicity, and Mutagenicity. <i>ChemMedChem</i> , 2013, 8, 217-220.	1.6	91
43	Activities and identification of aryl hydrocarbon receptor agonists in sediments from the Danube river. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 2009-2019.	1.9	89
44	DNA damage induced by genotoxicants in zebrafish (<i>Danio rerio</i>) embryos after contact exposure to freeze-dried sediment and sediment extracts from Laguna Lake (The Philippines) as measured by the comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 650, 1-14.	0.9	88
45	Changes in toxicity and Ah receptor agonist activity of suspended particulate matter during flood events at the rivers Neckar and Rhine – a mass balance approach using in vitro methods and chemical analysis. <i>Environmental Science and Pollution Research</i> , 2008, 15, 536-553.	2.7	86
46	Anthropogenic Trace Compounds (ATCs) in aquatic habitats – Research needs on sources, fate, detection and toxicity to ensure timely elimination strategies and risk management. <i>Environment International</i> , 2015, 79, 85-105.	4.8	86
47	Biological and chemical determination of dioxin-like compounds in sediments by means of a sediment triad approach in the catchment area of the river Neckar. <i>Ecotoxicology</i> , 2002, 11, 323-336.	1.1	82
48	Assessing contamination levels of Laguna Lake sediments (Philippines) using a contact assay with zebrafish (<i>Danio rerio</i>) embryos. <i>Science of the Total Environment</i> , 2005, 347, 254-271.	3.9	82
49	Endocrine disruptor screening: regulatory perspectives and needs. <i>Environmental Sciences Europe</i> , 2011, 23, .	11.0	82
50	In vitro bioassays for detecting dioxin-like activity – Application potentials and limits of detection, a review. <i>Science of the Total Environment</i> , 2014, 487, 37-48.	3.9	82
51	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.	5.8	82
52	In vitro characterization of the effectiveness of enhanced sewage treatment processes to eliminate endocrine activity of hospital effluents. <i>Water Research</i> , 2013, 47, 1545-1557.	5.3	80
53	Future pesticide risk assessment: narrowing the gap between intention and reality. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	80
54	Heterocyclic compounds: Toxic effects using algae, daphnids, and the <i>Salmonella</i> /microsome test taking methodical quantitative aspects into account. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1590-1596.	2.2	78

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55	Variability of sediment-contact tests in freshwater sediments with low-level anthropogenic contamination – Determination of toxicity thresholds. <i>Environmental Pollution</i> , 2010, 158, 2999-3010.	3.7	77
56	Spatio-temporal development of CYP1 activity in early life-stages of zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2010, 100, 38-50.	1.9	77
57	Diuron and diazinon alter the behavior of zebrafish embryos and larvae in the absence of acute toxicity. <i>Chemosphere</i> , 2017, 180, 65-76.	4.2	77
58	The OECD validation program of the H295R steroidogenesis assay: Phase 3. Final inter-laboratory validation study. <i>Environmental Science and Pollution Research</i> , 2011, 18, 503-515.	2.7	76
59	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.	2.6	76
60	Comparison of in vitro and in situ genotoxicity in the Danube River by means of the comet assay and the micronucleus test. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 700, 11-17.	0.9	75
61	Differences in toxicity of anionic and cationic PAMAM and PPI dendrimers in zebrafish embryos and cancer cell lines. <i>Toxicology and Applied Pharmacology</i> , 2016, 305, 83-92.	1.3	74
62	Measurement of vitellogenin-mRNA expression in primary cultures of rainbow trout hepatocytes in a non-radioactive dot blot/RNase protection-assay. <i>Science of the Total Environment</i> , 1999, 233, 109-122.	3.9	73
63	Effect-directed analysis (EDA) in aquatic ecotoxicology: state of the art and future challenges. <i>Environmental Science and Pollution Research</i> , 2009, 16, 607-613.	2.7	73
64	Heterocyclic Aromatic Hydrocarbons Show Estrogenic Activity upon Metabolization in a Recombinant Transactivation Assay. <i>Environmental Science & Technology</i> , 2014, 48, 5892-5901.	4.6	71
65	Bioassay battery interlaboratory investigation of emerging contaminants in spiked water extracts – Towards the implementation of bioanalytical monitoring tools in water quality assessment and monitoring. <i>Water Research</i> , 2016, 104, 473-484.	5.3	71
66	Comparative genotoxicity testing of rhine river sediment extracts using the comet assay with permanent fish cell lines (rtg-2 and rtl-w1) and the ames test*. <i>Journal of Soils and Sediments</i> , 2004, 4, 84-94.	1.5	69
67	Enzymatic activity and gene expression changes in zebrafish embryos and larvae exposed to pesticides diazinon and diuron. <i>Aquatic Toxicology</i> , 2017, 193, 187-200.	1.9	69
68	Sediment genotoxicity in the Tiet� River (S�o Paulo, Brazil): In vitro comet assay versus in situ micronucleus assay studies. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1842-1848.	2.9	68
69	International round-robin study on the Ames fluctuation test. <i>Environmental and Molecular Mutagenesis</i> , 2012, 53, 185-197.	0.9	68
70	Mechanism-specific and whole-organism ecotoxicity of mono-rhamnolipids. <i>Science of the Total Environment</i> , 2016, 548-549, 155-163.	3.9	68
71	Screening and risk management solutions for steroidal estrogens in surface and wastewater. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 343-358.	5.8	68
72	Green Toxicology: a strategy for sustainable chemical and material development. <i>Environmental Sciences Europe</i> , 2017, 29, 16.	2.6	67

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73	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.	2.7	67
74	The OECD Validation Program of the H295R Steroidogenesis Assay for the Identification of In Vitro Inhibitors and Inducers of Testosterone and Estradiol Production. Phase 2: Inter-Laboratory Pre-Validation Studies (8 pp). <i>Environmental Science and Pollution Research</i> , 2007, 14, 23-30.	2.7	65
75	The identification of readily bioavailable pollutants in lake shkodra/skadar using semipermeable membrane devices (SPMDs), bioassays and chemical analysis. <i>Environmental Science and Pollution Research</i> , 2004, 11, 240-253.	2.7	64
76	Effect-based tools for monitoring estrogenic mixtures: Evaluation of five in Vitro bioassays. <i>Water Research</i> , 2017, 110, 378-388.	5.3	64
77	Endocrine Disruption of Water and Sediment Extracts in a Non-Radioactive Dot Blot/RNase Protection-Assay Using Isolated Hepatocytes of Rainbow Trout (14 pp). Deficiencies between bioanalytical effectiveness and chemically determined concentrations and how to explain them. <i>Environmental Science and Pollution Research</i> , 2005, 12, 347-360.	2.7	63
78	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.	3.9	63
79	The versatile, changing, and advancing roles of fish in sediment toxicity assessment—a review. <i>Journal of Soils and Sediments</i> , 2011, 11, 141-173.	1.5	62
80	Estrogenic activity in Finnish municipal wastewater effluents. <i>Water Research</i> , 2016, 88, 740-749.	5.3	62
81	Comparison of sewage sludge toxicity to plants and invertebrates in three different soils. <i>Chemosphere</i> , 2011, 83, 502-509.	4.2	61
82	Anthropogenic pollutants affect ecosystem services of freshwater sediments: the need for a "triad plus" approach. <i>Journal of Soils and Sediments</i> , 2011, 11, 1099-1114.	1.5	61
83	Quantitative assessment of the embryotoxic potential of NSO-heterocyclic compounds using zebrafish (<i>Danio rerio</i>). <i>Reproductive Toxicology</i> , 2012, 33, 224-232.	1.3	60
84	The endocrine disrupting potential of sediments from the Upper Danube River (Germany) as revealed by in vitro bioassays and chemical analysis. <i>Environmental Science and Pollution Research</i> , 2011, 18, 446-460.	2.7	59
85	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.	4.6	59
86	Changes in toxicity and genotoxicity of industrial sewage sludge samples containing nitro- and amino-aromatic compounds following treatment in bioreactors with different oxygen regimes. <i>Environmental Science and Pollution Research</i> , 2004, 11, 313-320.	2.7	58
87	In search for the ecological and toxicological relevance of sediment re-mobilisation and transport during flood events. <i>Journal of Soils and Sediments</i> , 2009, 9, 1-5.	1.5	57
88	An emerging role of microplastics in the etiology of lung ground glass nodules. <i>Environmental Sciences Europe</i> , 2022, 34, .	2.6	57
89	Differentiation between bioavailable and total hazard potential of sediment-induced DNA fragmentation as measured by the comet assay with Zebrafish embryos. <i>Journal of Soils and Sediments</i> , 2007, 7, 377-387.	1.5	55
90	Toxicological and ecotoxicological potencies of biofuels used for the transport sector—a literature review. <i>Energy and Environmental Science</i> , 2012, 5, 7381.	15.6	55

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91	A novel contact assay for testing aryl hydrocarbon receptor (AhR)-mediated toxicity of chemicals and whole sediments in zebrafish (<i>Danio rerio</i>) embryos. <i>Environmental Science and Pollution Research</i> , 2015, 22, 16305-16318.	2.7	53
92	Application of a sediment quality triad and different statistical approaches (Hasse diagrams and fuzzy) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.1	52
93	Phytoplankton Community and Chlorophyll a as Trophic State Indices of Lake Skadar (Montenegro,) Tj ETQq1 1 0.784314 rgBT /Over	2.7	51
94	Membrane Dialysis Extraction (MDE): A Novel Approach for Extracting Toxicologically Relevant Hydrophobic Organic Compounds from Soils and Sediments for Assessment in Biotests. <i>Journal of Soils and Sediments</i> , 2006, 6, 20-29.	1.5	50
95	A combined hydraulic and toxicological approach to assess re-suspended sediments during simulated flood events. Part Iâ€“multiple biomarkers in rainbow trout. <i>Journal of Soils and Sediments</i> , 2010, 10, 1347-1361.	1.5	50
96	Sediment contact tests as a tool for the assessment of sediment quality in German waters. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 144-155.	2.2	50
97	Developmental toxicity and endocrine disrupting potency of 4-azapyrene, benzo[b]fluorene and retene in the zebrafish <i>Danio rerio</i> . <i>Reproductive Toxicology</i> , 2012, 33, 213-223.	1.3	49
98	Toxicity, dioxin-like activities, and endocrine effects of DDT metabolitesâ€”DDA, DDMU, DDMS, and DDCN. <i>Environmental Science and Pollution Research</i> , 2012, 19, 403-415.	2.7	49
99	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.	2.2	49
100	A novel statistical approach for the evaluation of comet assay data. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 652, 38-45.	0.9	48
101	Effects of metal exposure on motor neuron development, neuromasts and the escape response of zebrafish embryos. <i>Neurotoxicology and Teratology</i> , 2015, 50, 33-42.	1.2	48
102	AhR agonist and genotoxicant bioavailability in a PAH-contaminated soil undergoing biological treatment. <i>Environmental Science and Pollution Research</i> , 2009, 16, 521-530.	2.7	47
103	Highâ€“Sensitivity Realâ€“Time Analysis of Nanoparticle Toxicity in Green Fluorescent Proteinâ€“Expressing Zebrafish. <i>Small</i> , 2013, 9, 863-869.	5.2	47
104	Early life exposure to PCB126 results in delayed mortality and growth impairment in the zebrafish larvae. <i>Aquatic Toxicology</i> , 2015, 169, 168-178.	1.9	47
105	Fate of ah receptor agonists during biological treatment of an industrial sludge containing explosives and pharmaceutical residues. <i>Environmental Science and Pollution Research</i> , 2004, 11, 379-387.	2.7	46
106	Toxicological and chemical insights into representative source and drinking water in eastern China. <i>Environmental Pollution</i> , 2018, 233, 35-44.	3.7	46
107	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): letâ€“TM's cooperate!. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	46
108	The value of zebrafish as an integrative model in effect-directed analysis - a review. <i>Environmental Sciences Europe</i> , 2015, 27, .	2.6	45

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109	Some heterocyclic aromatic compounds are Ah receptor agonists in the DR-CALUX assay and the EROD assay with RTL-W1 cells. <i>Environmental Science and Pollution Research</i> , 2011, 18, 1297-1304.	2.7	44
110	Sensitivity of early life stages of white sturgeon, rainbow trout, and fathead minnow to copper. <i>Ecotoxicology</i> , 2013, 22, 139-147.	1.1	44
111	Yangtze Three Gorges Reservoir, China: A holistic assessment of organic pollution, mutagenic effects of sediments and genotoxic impacts on fish. <i>Journal of Environmental Sciences</i> , 2015, 38, 63-82.	3.2	44
112	Sequential fractionation procedure for the identification of potentially cytochrome P4501A-inducing compounds. <i>Journal of Chromatography A</i> , 2003, 986, 55-66.	1.8	43
113	Reed beds receiving industrial sludge containing nitroaromatic compounds. <i>Environmental Science and Pollution Research</i> , 2007, 14, 202-211.	2.7	43
114	Measurement of genotoxicity in wastewater samples with the in vitro micronucleus test—Results of a round-robin study in the context of standardisation according to ISO. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 649, 15-27.	0.9	43
115	Changes in toxicity and dioxin-like activity of sediments from the Tiet� River (S�o Paulo, Brazil). <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 550-558.	2.9	43
116	Fipronil and two of its transformation products in water and European eel from the river Elbe. <i>Science of the Total Environment</i> , 2016, 568, 171-179.	3.9	43
117	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.	4.8	43
118	Remobilization of pollutants during extreme flood events poses severe risks to human and environmental health. <i>Journal of Hazardous Materials</i> , 2022, 421, 126691.	6.5	43
119	How flood events affect rainbow trout: Evidence of a biomarker cascade in rainbow trout after exposure to PAH contaminated sediment suspensions. <i>Aquatic Toxicology</i> , 2013, 128-129, 13-24.	1.9	42
120	PAH toxicity at aqueous solubility in the fish embryo test with <i>Danio rerio</i> using passive dosing. <i>Chemosphere</i> , 2014, 112, 77-84.	4.2	42
121	Effects of multiwalled carbon nanotubes and triclocarban on several eukaryotic cell lines: elucidating cytotoxicity, endocrine disruption, and reactive oxygen species generation. <i>Nanoscale Research Letters</i> , 2014, 9, 396.	3.1	42
122	Nanoscale zero-valent iron flakes for groundwater treatment. <i>Environmental Earth Sciences</i> , 2014, 72, 3339-3352.	1.3	42
123	A fish-passable barrier to stop the invasion of non-indigenous crayfish. <i>Biological Conservation</i> , 2013, 159, 521-529.	1.9	41
124	Genotoxicity of Heterocyclic PAHs in the Micronucleus Assay with the Fish Liver Cell Line RTL-W1. <i>PLoS ONE</i> , 2014, 9, e85692.	1.1	41
125	Endocrine disrupting, mutagenic, and teratogenic effects of upper Danube River sediments using effect-directed analysis. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1053-1062.	2.2	40
126	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.	3.9	40

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127	Perfluorooctane Sulfonate Increases the Genotoxicity of Cyclophosphamide in the Micronucleus Assay with V79 Cells: Further Proof of Alterations in Cell Membrane Properties Caused by PFOS (3 pp). <i>Environmental Science and Pollution Research</i> , 2007, 14, 85-87.	2.7	39
128	Determination of the CYP1A-inducing potential of single substances, mixtures and extracts of samples in the micro-EROD assay with H4IIE cells. <i>Nature Protocols</i> , 2015, 10, 1728-1741.	5.5	39
129	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.	2.6	39
130	Bacterial Community Structure Analyses to Assess Pollution of Water and Sediments in the Lake Shkodra/Skadar, Balkan Peninsula (8 pp). <i>Environmental Science and Pollution Research</i> , 2005, 12, 361-368.	2.7	38
131	Oxygen requirements of zebrafish (<i>Danio rerio</i>) embryos in embryo toxicity tests with environmental samples. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 153, 318-327.	1.3	38
132	Cross-Species Extrapolation of Uptake and Disposition of Neutral Organic Chemicals in Fish Using a Multispecies Physiologically-Based Toxicokinetic Model Framework. <i>Environmental Science & Technology</i> , 2016, 50, 1914-1923.	4.6	38
133	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.	4.8	38
134	Effect-directed analysis of Ah receptor-mediated activities caused by PAHs in suspended particulate matter sampled in flood events. <i>Science of the Total Environment</i> , 2010, 408, 3327-3333.	3.9	37
135	Dynamic light-scattering measurement comparability of nanomaterial suspensions. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	37
136	The impact of chemical pollution on the resilience of soils under multiple stresses: A conceptual framework for future research. <i>Science of the Total Environment</i> , 2016, 568, 1076-1085.	3.9	37
137	The SeKT Joint Research Project: Definition of reference conditions, control sediments and toxicity thresholds for limnic sediment contact tests (2 pp). <i>Environmental Science and Pollution Research</i> , 2005, 12, 257-258.	2.7	36
138	Impact of contaminants bound to suspended particulate matter in the context of flood events. <i>Journal of Soils and Sediments</i> , 2010, 10, 1174-1185.	1.5	36
139	Time-dependent expression and activity of cytochrome P450 1s in early life-stages of the zebrafish (<i>Danio rerio</i>). <i>Environmental Science and Pollution Research</i> , 2015, 22, 16319-16328.	2.7	36
140	Application of a new sediment contact test with <i>Myriophyllum aquaticum</i> and of the aquatic Lemna test to assess the sediment quality of Lake Skadar. <i>Journal of Soils and Sediments</i> , 2007, 7, 342-349.	1.5	35
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