

# Rolf Altenburger

## List of Publications by Citations

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148  
papers

7,531  
citations

49  
h-index

83  
g-index

150  
ext. papers

8,368  
ext. citations

6.4  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
148	Predictability of the toxicity of multiple chemical mixtures to <i>Vibrio fischeri</i> : Mixtures composed of similarly acting chemicals. <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 2341-2347	3.8	317
147	Benchmarking organic micropollutants in wastewater, recycled water and drinking water with in vitro bioassays. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 1940-56	10.3	295
146	Predictability of the toxicity of a multiple mixture of dissimilarly acting chemicals to <i>Vibrio fischeri</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 2348-2356	3.8	295
145	Mixture toxicity and its modeling by quantitative structure-activity relationships. <i>Environmental Toxicology and Chemistry</i> , <b>2003</b> , 22, 1900-15	3.8	288
144	What contributes to the combined effect of a complex mixture?. <i>Environmental Science &amp; Technology</i> , <b>2004</b> , 38, 6353-62	10.3	235
143	A general best-fit method for concentration-response curves and the estimation of low-effect concentrations. <i>Environmental Toxicology and Chemistry</i> , <b>2001</b> , 20, 448-457	3.8	217
142	Future water quality monitoring--adapting tools to deal with mixtures of pollutants in water resource management. <i>Science of the Total Environment</i> , <b>2015</b> , 512-513, 540-551	10.2	198
141	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> , <b>2017</b> , 576, 720-737	10.2	196
140	. <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 2341	3.8	163
139	Structural alerts--a new classification model to discriminate excess toxicity from narcotic effect levels of organic compounds in the acute daphnid assay. <i>Chemical Research in Toxicology</i> , <b>2005</b> , 18, 536-55	4	155
138	. <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 2348	3.8	154
137	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> , <b>2015</b> , 503-504, 22-31	10.2	149
136	Most oxidative stress response in water samples comes from unknown chemicals: the need for effect-based water quality trigger values. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 7002-11	10.3	144
135	Photostability and phytotoxicity of selected sunscreen agents and their degradation mixtures in water. <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 395, 1513-24	4.4	139
134	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> , <b>2017</b> , 123, 734-750	12.5	129
133	Synergisms with mixtures of xenoestrogens: a reevaluation using the method of isoboles. <i>Science of the Total Environment</i> , <b>1998</b> , 221, 59-73	10.2	120
132	Micropollutants in European rivers: A mode of action survey to support the development of effect-based tools for water monitoring. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 1887-99	3.8	118

131	Mixture toxicity revisited from a toxicogenomic perspective. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 2508-22	10.3	114
130	From the exposome to mechanistic understanding of chemical-induced adverse effects. <i>Environment International</i> , <b>2017</b> , 99, 97-106	12.9	113
129	Phytotoxicity assessment of diclofenac and its phototransformation products. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 1389-96	4.4	109
128	Integrating chemical analysis and bioanalysis to evaluate the contribution of wastewater effluent on the micropollutant burden in small streams. <i>Science of the Total Environment</i> , <b>2017</b> , 576, 785-795	10.2	108
127	. <i>Environmental Toxicology and Chemistry</i> , <b>2001</b> , 20, 448	3.8	106
126	Evaluation of the isobologram method for the assessment of mixtures of chemicals. Combination effect studies with pesticides in algal biotests. <i>Ecotoxicology and Environmental Safety</i> , <b>1990</b> , 20, 98-114 <sup>7</sup>		105
125	Environmental mixtures of nanomaterials and chemicals: The Trojan-horse phenomenon and its relevance for ecotoxicity. <i>Science of the Total Environment</i> , <b>2018</b> , 635, 1170-1181	10.2	104
124	Mixture toxicity of priority pollutants at no observed effect concentrations (NOECs). <i>Ecotoxicology</i> , <b>2002</b> , 11, 299-310	2.9	100
123	The BEAM-project: prediction and assessment of mixture toxicities in the aquatic environment. <i>Continental Shelf Research</i> , <b>2003</b> , 23, 1757-1769	2.4	100
122	What contributes to the sensitivity of microalgae to triclosan?. <i>Aquatic Toxicology</i> , <b>2008</b> , 90, 102-8	5.1	99
121	Future water quality monitoring: improving the balance between exposure and toxicity assessments of real-world pollutant mixtures. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	96
120	Simplifying complexity: Mixture toxicity assessment in the last 20 years. <i>Environmental Toxicology and Chemistry</i> , <b>2013</b> , 32, 1685-7	3.8	91
119	Chemical and ecotoxicological assessment of polycyclic aromatic hydrocarbon--contaminated sediments of the Niger Delta, Southern Nigeria. <i>Science of the Total Environment</i> , <b>2005</b> , 340, 123-36	10.2	86
118	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> , <b>2019</b> , 31,	5	82
117	Statement on advancing the assessment of chemical mixtures and their risks for human health and the environment. <i>Environment International</i> , <b>2020</b> , 134, 105267	12.9	81
116	Mixture effects in samples of multiple contaminants - An inter-laboratory study with manifold bioassays. <i>Environment International</i> , <b>2018</b> , 114, 95-106	12.9	80
115	Community-level microalgal toxicity assessment by multiwavelength-excitation PAM fluorometry. <i>Aquatic Toxicology</i> , <b>2008</b> , 86, 49-58	5.1	78
114	Predicting and observing responses of algal communities to photosystem II-herbicide exposure using pollution-induced community tolerance and species-sensitivity distributions. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 304-12	3.8	73

113	Pollution-induced community tolerance as a measure of species interaction in toxicity assessment. <i>Journal of Applied Ecology</i> , <b>2008</b> , 45, 1514-1522	5.8	72
112	Quantitative structure-activity analysis of the algae toxicity of nitroaromatic compounds. <i>Chemical Research in Toxicology</i> , <b>2000</b> , 13, 441-50	4	69
111	Algal toxicity of nitrobenzenes: combined effect analysis as a pharmacological probe for similar modes of interaction. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 324-33	3.8	66
110	pH-Dependent sorption, bioconcentration and algal toxicity of sulfonylurea herbicides. <i>Aquatic Toxicology</i> , <b>1995</b> , 31, 175-187	5.1	64
109	Toxic effects of isoproturon on periphyton communities in a microcosm study. <i>Estuarine, Coastal and Shelf Science</i> , <b>2005</b> , 62, 539-545	2.9	63
108	Physicochemical substance properties as indicators for unreliable exposure in microplate-based bioassays. <i>Chemosphere</i> , <b>2007</b> , 67, 2210-20	8.4	62
107	Identification of a phytotoxic photo-transformation product of diclofenac using effect-directed analysis. <i>Environmental Pollution</i> , <b>2010</b> , 158, 1461-6	9.3	61
106	How to deal with lipophilic and volatile organic substances in microtiter plate assays. <i>Environmental Toxicology and Chemistry</i> , <b>2008</b> , 27, 1676	3.8	57
105	Extrapolation concepts for dealing with multiple contamination in environmental risk assessment. <i>Integrated Environmental Assessment and Management</i> , <b>2009</b> , 5, 62-8	2.5	56
104	Approaches to assessing combination effects of oestrogenic environmental pollutants. <i>Science of the Total Environment</i> , <b>1999</b> , 233, 131-40	10.2	56
103	Partitioning-based dosing: an approach to include bioavailability in the effect-directed analysis of contaminated sediment samples. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 3891-6	10.3	54
102	Modeling photoinduced algal toxicity of polycyclic aromatic hydrocarbons. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 4141-9	10.3	53
101	Development of a general baseline toxicity QSAR model for the fish embryo acute toxicity test. <i>Chemosphere</i> , <b>2016</b> , 164, 164-173	8.4	52
100	Active bio-monitoring of contamination in aquatic systems--an in situ translocation experiment applying the PICT concept. <i>Aquatic Toxicology</i> , <b>2011</b> , 101, 228-36	5.1	49
99	The internal concentration of organic substances in fish embryos--a toxicokinetic approach. <i>Environmental Toxicology and Chemistry</i> , <b>2013</b> , 32, 1819-27	3.8	48
98	Effect-directed analysis of contaminated sediments with partition-based dosing using green algae cell multiplication inhibition. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 7343-9	10.3	48
97	Identification of toxic products of anthracene photomodification in simulated sunlight. <i>Environmental Toxicology and Chemistry</i> , <b>2003</b> , 22, 2228-37	3.8	48
96	Future pesticide risk assessment: narrowing the gap between intention and reality. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	47

95	Vitellogenin cleavage products as indicators for toxic stress in zebra fish embryos: a proteomic approach. <i>Proteomics</i> , <b>2007</b> , 7, 4541-54	4.8	46
94	Flow cytometry as a tool to study phytotoxic modes of action. <i>Environmental Toxicology and Chemistry</i> , <b>2007</b> , 26, 297-306	3.8	41
93	Using the fish plasma model for comparative hazard identification for pharmaceuticals in the environment by extrapolation from human therapeutic data. <i>Regulatory Toxicology and Pharmacology</i> , <b>2011</b> , 61, 261-75	3.4	40
92	Alginate/silica hybrid materials for immobilization of green microalgae <i>Chlorella vulgaris</i> for cell-based sensor arrays. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 7896-7909	7.3	37
91	First evidence for toxic defense based on the multixenobiotic resistance (MXR) mechanism in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , <b>2014</b> , 148, 139-51	5.1	37
90	Concentration-response concept in ecotoxicoproteomics: effects of different phenanthrene concentrations to the zebrafish ( <i>Danio rerio</i> ) embryo proteome. <i>Ecotoxicology and Environmental Safety</i> , <b>2012</b> , 76, 11-22	7	37
89	A metabolomics approach to assessing phytotoxic effects on the green alga <i>Scenedesmus vacuolatus</i> . <i>Metabolomics</i> , <b>2009</b> , 5, 59-71	4.7	35
88	Identification and Characterization of Androgen-Responsive Genes in Zebrafish Embryos. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 11789-98	10.3	34
87	Development and validation of a new fluorescence-based bioassay for aquatic macrophyte species. <i>Chemosphere</i> , <b>2007</b> , 67, 194-201	8.4	34
86	Additive pressures of elevated sea surface temperatures and herbicides on symbiont-bearing foraminifera. <i>PLoS ONE</i> , <b>2012</b> , 7, e33900	3.7	33
85	Confirmation of cause-effect relationships using effect-directed analysis for complex environmental samples. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 1420-7	3.8	31
84	A novel in vitro system for the determination of bioconcentration factors and the internal dose in zebrafish ( <i>Danio rerio</i> ) eggs. <i>Chemosphere</i> , <b>2009</b> , 77, 928-33	8.4	30
83	Combined effects of mycotoxin mixtures on human T cell function. <i>Toxicology Letters</i> , <b>2007</b> , 170, 124-33	4.4	30
82	Effect-directed analysis of sediment-associated algal toxicants at selected hot spots in the river Elbe basin with a special focus on bioaccessibility. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 1506-17	3.8	28
81	The Transcriptome of the Zebrafish Embryo After Chemical Exposure: A Meta-Analysis. <i>Toxicological Sciences</i> , <b>2017</b> , 157, 291-304	4.4	27
80	High-throughput concentration-response analysis for omics datasets. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 2167-80	3.8	27
79	On the mode of action of N-phenyl-2-naphthylamine in plants. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 6163-9	10.3	27
78	Mixture risks threaten water quality: the European Collaborative Project SOLUTIONS recommends changes to the WFD and better coordination across all pieces of European chemicals legislation to improve protection from exposure of the aquatic environment to multiple pollutants. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31	5	27

77	Pesticides are the dominant stressors for vulnerable insects in lowland streams. <i>Water Research</i> , <b>2021</b> , 201, 117262	12.5	27
76	Differential sensitivity in embryonic stages of the zebrafish ( <i>Danio rerio</i> ): The role of toxicokinetics for stage-specific susceptibility for azinphos-methyl lethal effects. <i>Aquatic Toxicology</i> , <b>2015</b> , 166, 36-41	5.1	26
75	Suborganismic and organismic effects of aldicarb and its metabolite aldicarb-sulfoxide to the zebrafish embryo ( <i>Danio rerio</i> ). <i>Chemosphere</i> , <b>2007</b> , 68, 751-60	8.4	26
74	Improved component-based methods for mixture risk assessment are key to characterize complex chemical pollution in surface waters. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	26
73	We need a global science-policy body on chemicals and waste. <i>Science</i> , <b>2021</b> , 371, 774-776	33.3	23
72	Metabolic Effect Level Index Links Multivariate Metabolic Fingerprints to Ecotoxicological Effect Assessment. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 8096-104	10.3	22
71	Multiple stressors in periphyton [Comparison of observed and predicted tolerance responses to high ionic loads and herbicide exposure. <i>Journal of Applied Ecology</i> , <b>2013</b> , 50, 1459-1468	5.8	22
70	An expanded conceptual framework for solution-focused management of chemical pollution in European waters. <i>Environmental Sciences Europe</i> , <b>2017</b> , 29, 13	5	21
69	Proposal for applying a component-based mixture approach for ecotoxicological assessment of fracturing fluids. <i>Environmental Earth Sciences</i> , <b>2013</b> , 70, 3907-3920	2.9	21
68	Use of prospective and retrospective risk assessment methods that simplify chemical mixtures associated with treated domestic wastewater discharges. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 690-702	3.8	20
67	Proteomic Signatures of the Zebrafish ( <i>Danio rerio</i> ) Embryo: Sensitivity and Specificity in Toxicity Assessment of Chemicals. <i>International Journal of Proteomics</i> , <b>2010</b> , 2010, 630134		20
66	A fluorescence-based bioassay for aquatic macrophytes and its suitability for effect analysis of non-photosystem II inhibitors. <i>Environmental Science and Pollution Research</i> , <b>2007</b> , 14, 377-83	5.1	20
65	Identification of toxicants from marine sediment using effect-directed analysis. <i>Environmental Toxicology</i> , <b>2005</b> , 20, 475-86	4.2	20
64	Computational material flow analysis for thousands of chemicals of emerging concern in European waters. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 397, 122655	12.8	19
63	Proposal for environmental mixture risk assessment in the context of the biocidal product authorization in the EU. <i>Environmental Sciences Europe</i> , <b>2013</b> , 25,	5	19
62	Biotransformation in the zebrafish embryo -temporal gene transcription changes of cytochrome P450 enzymes and internal exposure dynamics of the AhR binding xenobiotic benz[a]anthracene. <i>Environmental Pollution</i> , <b>2017</b> , 230, 1-11	9.3	19
61	Oxygen decline in biotesting of environmental samples--is there a need for consideration in the acute zebrafish embryo assay?. <i>Environmental Toxicology</i> , <b>2008</b> , 23, 745-50	4.2	19
60	The use of pulse-amplitude modulated (PAM) fluorescence-based methods to evaluate effects of herbicides in microalgal systems of different complexity. <i>Toxicological and Environmental Chemistry</i> , <b>2007</b> , 89, 665-681	1.4	19

59	Can Environmentally Relevant Neuroactive Chemicals Specifically Be Detected with the Locomotor Response Test in Zebrafish Embryos?. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 482-493	10.3	19
58	Mixture toxicity of water contaminants-effect analysis using the zebrafish embryo assay ( <i>Danio rerio</i> ). <i>Chemosphere</i> , <b>2016</b> , 152, 503-12	8.4	18
57	Effects of hydrogen sulfide to <i>Vibrio fischeri</i> , <i>Scenedesmus vacuolatus</i> , and <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 2621-9	3.8	18
56	Teasing apart activities of different types of ABC efflux pumps in bivalve gills using the concepts of independent action and concentration addition. <i>Marine Environmental Research</i> , <b>2008</b> , 66, 75-6	3.3	17
55	Bioassays with unicellular algae: deviations from exponential growth and its implications for toxicity test results. <i>Journal of Environmental Quality</i> , <b>2008</b> , 37, 16-21	3.4	17
54	Aquatic Toxicology, Analysis of Combination Effects <b>1993</b> , 15-27		16
53	In situ nuclear magnetic resonance of N pulse labels monitors different routes for nitrogen assimilation. <i>Plant Physiology</i> , <b>1992</b> , 100, 1584-6	6.6	16
52	Meta-analysis of fish early life stage tests-Association of toxic ratios and acute-to-chronic ratios with modes of action. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 955-969	3.8	15
51	Map and model-moving from observation to prediction in toxicogenomics. <i>GigaScience</i> , <b>2019</b> , 8,	7.6	14
50	Comparative hazard identification for pesticides: interrelations between physico-chemical properties, tonnages, and occurrence in surface waters. <i>Science of the Total Environment</i> , <b>1993</b> , 134, 1633-1654 <sup>10,2,14</sup>		14
49	Pollution-Induced Community Tolerance To Diagnose Hazardous Chemicals in Multiple Contaminated Aquatic Systems. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 10048-56	10.3	13
48	Ammonia rhythm in <i>Microcystis firma</i> studied by in vivo <sup>15</sup> N and <sup>31</sup> P NMR spectroscopy. <i>Archives of Microbiology</i> , <b>1991</b> , 156, 471-476	3	13
47	Prioritisation of water pollutants: the EU Project SOLUTIONS proposes a methodological framework for the integration of mixture risk assessments into prioritisation procedures under the European Water Framework Directive. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	13
46	Combined effects of environmental xeno-estrogens within multi-component mixtures: Comparison of in vitro human- and zebrafish-based estrogenicity bioassays. <i>Chemosphere</i> , <b>2019</b> , 227, 334-344	8.4	12
45	Anchoring metabolic changes to phenotypic effects in the chlorophyte <i>Scenedesmus vacuolatus</i> under chemical exposure. <i>Marine Environmental Research</i> , <b>2010</b> , 69 Suppl, S28-30	3.3	12
44	Proposing a pH stabilised nutrient medium for algal growth bioassays. <i>Chemosphere</i> , <b>2010</b> , 78, 864-70	8.4	12
43	Ecotoxicological Profiling of Transect River Elbe Sediments. <i>Clean - Soil, Air, Water</i> , <b>2005</b> , 33, 555-569		12
42	Effect propagation in a toxicokinetic/toxicodynamic model explains delayed effects on the growth of unicellular green algae <i>Scenedesmus vacuolatus</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2013</b> , 32, 1161-72	3.8	11

41	Application of nd-SPME to determine freely dissolved concentrations in the presence of green algae and algae-water partition coefficients. <i>Chemosphere</i> , <b>2010</b> , 79, 1070-6	8.4	11
40	The mode of action of glufosinate in algae: The role of uptake and nitrogen assimilation pathways. <i>Pest Management Science</i> , <b>1995</b> , 45, 305-310		11
39	Let us empower the WFD to prevent risks of chemical pollution in European rivers and lakes. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	10
38	On line biomonitors used as a tool for toxicity reduction evaluation of in situ groundwater remediation techniques. <i>Biosensors and Bioelectronics</i> , <b>2004</b> , 19, 1711-22	11.8	10
37	Hochwasser 2002. <i>Environmental Sciences Europe</i> , <b>2002</b> , 14, 213-220		10
36	A holistic approach is key to protect water quality and monitor, assess and manage chemical pollution of European surface waters. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	10
35	Use of a combined effect model approach for discriminating between ABCB1- and ABCC1-type efflux activities in native bivalve gill tissue. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 297, 56-67	4.6	9
34	Unravelling the chemical exposome in cohort studies: routes explored and steps to become comprehensive. <i>Environmental Sciences Europe</i> , <b>2021</b> , 33, 17	5	9
33	Uptake Kinetics and Subcellular Compartmentalization Explain Lethal but Not Sublethal Effects of Cadmium in Two Closely Related Amphipod Species. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 7208-7218	10.3	8
32	A toxicokinetic study of specifically acting and reactive organic chemicals for the prediction of internal effect concentrations in <i>Scenedesmus vacuolatus</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 100-11	3.8	8
31	Combination Effect of Light and Toxicity in Algal Tests. <i>Journal of Environmental Quality</i> , <b>2002</b> , 31, 539-547	4.7	7
30	Increase coherence, cooperation and cross-compliance of regulations on chemicals and water quality. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	7
29	Disentangling multiple chemical and non-chemical stressors in a lotic ecosystem using a longitudinal approach. <i>Science of the Total Environment</i> , <b>2021</b> , 769, 144324	10.2	7
28	Time-Dependent Effects in Algae for Chemicals with Different Adverse Outcome Pathways: A Novel Approach. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 7770-80	10.3	7
27	Mixture toxicity effects of sea louse control agents in <i>Daphnia magna</i> . <i>Chemosphere</i> , <b>2016</b> , 144, 599-606	8.4	6
26	Project house water: a novel interdisciplinary framework to assess the environmental and socioeconomic consequences of flood-related impacts. <i>Environmental Sciences Europe</i> , <b>2017</b> , 29, 23	5	6
25	Chapter 5 Predicting toxic effects of contaminants in ecosystems using single species investigations. <i>Trace Metals and Other Contaminants in the Environment</i> , <b>2003</b> , 6, 153-198		6
24	Light as a confounding factor for toxicity assessment of complex contaminated sediments. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 3143-52	3.8	6

23	Uptake and toxicity of hexafluoroarsenate in aquatic organisms. <i>Chemosphere</i> , <b>2010</b> , 78, 307-12	8.4	5
22	Biomarkers and PAHs [Prospects for the Assessment of Exposure and Effects in Aquatic Systems] 297-328		5
21	Kombinationswirkungen von Umweltchemikalien in der Ökotoxikologie. <i>Environmental Sciences Europe</i> , <b>2000</b> , 12, 226-234		5
20	Drinking water: for human consumption only? The amendment of directive 80/778/EEC parameter 55 in the light of aquatic toxicology. <i>Chemosphere</i> , <b>1995</b> , 30, 307-12	8.4	5
19	Kombinationswirkungen in der aquatischen Toxikologie. <i>Environmental Sciences Europe</i> , <b>1996</b> , 8, 150-158		5
18	Strengthen the European collaborative environmental research to meet European policy goals for achieving a sustainable, non-toxic environment. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	5
17	Mixture toxicity analysis in zebrafish embryo: a time and concentration resolved study on mixture effect predictivity. <i>Environmental Sciences Europe</i> , <b>2020</b> , 32,	5	5
16	Toxicity from Combined Exposure to Chemicals <b>2010</b> , 95-119		5
15	Mixture Extrapolation Approaches <b>2008</b> , 135-186		4
14	From the air to the water phase: implication for toxicity testing of combustion-derived particles. <i>Biomass Conversion and Biorefinery</i> , <b>2019</b> , 9, 213-225	2.3	3
13	Comparative assessment of plant protection products: how many cases will regulatory authorities have to answer?. <i>Environmental Sciences Europe</i> , <b>2014</b> , 26, 11	5	3
12	Bioökologisches Testverfahren (PICT-Konzept). <i>Environmental Sciences Europe</i> , <b>2004</b> , 16, 85		3
11	Cell physiological parameters to detect ecotoxicological risks. <i>Science of the Total Environment</i> , <b>1993</b> , 134, 741-748	10.2	3
10	The Eco-Exposome concept: Supporting an Integrated Assessment of Mixtures of Environmental Chemicals. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> ,	3.8	3
9	Chemicals in the Environment (CITE). <i>Environmental Sciences Europe</i> , <b>2010</b> , 22, 502-506		2
8	Chemical Pollution Levels in a River Explain Site-Specific Sensitivities to Micropollutants within a Genetically Homogeneous Population of Freshwater Amphipods. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 6087-6096	10.3	2
7	Understanding combined effects for metal co-exposure in ecotoxicology. <i>Metal Ions in Life Sciences</i> , <b>2011</b> , 8, 1-26	2.6	2
6	A non-invasive observation parameter to complement sediment bioassays using <i>Myriophyllum aquaticum</i> . <i>Journal of Soils and Sediments</i> , <b>2011</b> , 11, 1419-1431	3.4	1

5	1:Understanding Combined Effects for Metal Co-Exposure in Ecotoxicology. <i>Metal Ions in Life Sciences</i> , <b>2010</b> , 1-26		1
4	Assessing Combined Effects for Mixtures of Similar and Dissimilar Acting Neuroactive Substances on Zebrafish Embryo Movement. <i>Toxics</i> , <b>2021</b> , 9,	4-7	1
3	The EU chemicals strategy for sustainability: an opportunity to develop new approaches for hazard and risk assessment.. <i>Archives of Toxicology</i> , <b>2022</b> ,	5.8	1
2	Umweltchemie 1998. <i>Nachrichten Aus Der Chemie</i> , <b>1999</b> , 47, 291-302		0
1	Toxizitätsreduktion durch (Grundwasser-) Sanierung?. <i>Grundwasser</i> , <b>2003</b> , 8, 32-40		1.1