

Paul J Van Den Brink

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.

264
papers

10,702
citations

56
h-index

91
g-index

268
ext. papers

12,258
ext. citations

5.4
avg, IF

6.5
L-index

#	Paper	IF	Citations
264	The effects of the chemotherapy drug cyclophosphamide on the structure and functioning of freshwater communities under sub-tropical conditions: A mesocosm study. <i>Science of the Total Environment</i> , 2022 , 806, 150678	10.2	2
263	Acute toxicity, bioaccumulation and elimination of prometryn in tilapia (<i>Oreochromis niloticus</i>).. <i>Chemosphere</i> , 2022 , 134565	8.4	1
262	A transportable temperature and heatwave control device (TENTACLE) for laboratory and field simulations of different climate change scenarios in aquatic micro- and mesocosms.. <i>HardwareX</i> , 2022 , 11, e00307	2.7	0
261	Multivariate approaches to assess the drivers of benthic macroinvertebrate communities and biotic indices in a highly urbanized fluvial-estuarine system. <i>Ecological Indicators</i> , 2022 , 139, 108956	5.8	0
260	Combined effects of heatwaves and micropollutants on freshwater ecosystems: Towards an integrated assessment of extreme events in multiple stressors research. <i>Global Change Biology</i> , 2021 ,	11.4	5
259	Imidacloprid treatments induces cyanobacteria blooms in freshwater communities under sub-tropical conditions. <i>Aquatic Toxicology</i> , 2021 , 240, 105992	5.1	1
258	Multiple stressors in Mediterranean coastal wetland ecosystems: Influence of salinity and an insecticide on zooplankton communities under different temperature conditions. <i>Chemosphere</i> , 2021 , 269, 129381	8.4	6
257	The toxicity and toxicokinetics of imidacloprid and a bioactive metabolite to two aquatic arthropod species. <i>Aquatic Toxicology</i> , 2021 , 235, 105837	5.1	3
256	Application of General Unified Threshold Models of Survival Models for Regulatory Aquatic Pesticide Risk Assessment Illustrated with an Example for the Insecticide Chlorpyrifos. <i>Integrated Environmental Assessment and Management</i> , 2021 , 17, 243-258	2.5	5
255	Double constrained ordination for assessing biological trait responses to multiple stressors: A case study with benthic macroinvertebrate communities. <i>Science of the Total Environment</i> , 2021 , 754, 142171	10.2	5
254	Biological and chemical monitoring of the ecological risks of pesticides in Lake Ziway, Ethiopia. <i>Chemosphere</i> , 2021 , 266, 129214	8.4	6
253	Cross-species extrapolation of chemical sensitivity. <i>Science of the Total Environment</i> , 2021 , 753, 141800	10.2	8
252	A guideline to frame stressor effects in freshwater ecosystems. <i>Science of the Total Environment</i> , 2021 , 777, 146112	10.2	4
251	Ecological effects of imidacloprid on a tropical freshwater ecosystem and subsequent recovery dynamics. <i>Science of the Total Environment</i> , 2021 , 784, 147167	10.2	5
250	Linking Macroinvertebrates and Physicochemical Parameters for Water Quality Assessment in the Lower Basin of the Volta River in Ghana. <i>Environmental Management</i> , 2021 , 68, 928-936	3.1	0
249	Assessing the feasibility and value of employing an ecosystem services approach in chemical environmental risk assessment under the Water Framework Directive. <i>Science of the Total Environment</i> , 2021 , 789, 147857	10.2	5
248	Identifying ecological production functions for use in ecosystem services-based environmental risk assessment of chemicals. <i>Science of the Total Environment</i> , 2021 , 791, 146409	10.2	3

247	Assessing chemical risk within an ecosystem services framework: Implementation and added value. <i>Science of the Total Environment</i> , 2021 , 791, 148631	10.2	3
246	(Eco)toxicological tests for assessing impacts of chemical stress to aquatic ecosystems: Facts, challenges, and future. <i>Science of the Total Environment</i> , 2021 , 795, 148776	10.2	6
245	The use of ecological models to assess the effects of a plant protection product on ecosystem services provided by an orchard. <i>Science of the Total Environment</i> , 2021 , 798, 149329	10.2	1
244	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	12
243	Trends in chemical pollution and ecological status of Lake Ziway, Ethiopia: a review focussing on nutrients, metals and pesticides. <i>African Journal of Aquatic Science</i> , 2020 , 45, 386-400	1.6	10
242	Towards a unified study of multiple stressors: divisions and common goals across research disciplines. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20200421	4.4	75
241	Responses of soil microbial biomass and enzyme activity to herbicides imazethapyr and flumioxazin. <i>Scientific Reports</i> , 2020 , 10, 7694	4.9	10
240	Potential impact of chemical stress on freshwater invertebrates: A sensitivity assessment on continental and national scale based on distribution patterns, biological traits, and relatedness. <i>Science of the Total Environment</i> , 2020 , 731, 139150	10.2	2
239	The chronic toxicity of emamectin benzoate to three marine benthic species using microcosms. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 194, 110452	7	3
238	Distribution of microplastic and small macroplastic particles across four fish species and sediment in an African lake. <i>Science of the Total Environment</i> , 2020 , 741, 140527	10.2	48
237	Pesticides Decrease Bacterial Diversity and Abundance of Irrigated Rice Fields. <i>Microorganisms</i> , 2020 , 8,	4.9	4
236	Influence of pH on the toxicity of ionisable pharmaceuticals and personal care products to freshwater invertebrates. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 191, 110172	7	4
235	Community composition modifies direct and indirect effects of pesticides in freshwater food webs. <i>Science of the Total Environment</i> , 2020 , 739, 139531	10.2	7
234	Benthic invertebrate and microbial biodiversity in sub-tropical urban rivers: Correlations with environmental variables and emerging chemicals. <i>Science of the Total Environment</i> , 2020 , 709, 136281	10.2	9
233	Long-term effect of composted tannery sludge on soil chemical and biological parameters. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 41885-41892	5.1	6
232	Environmental risk assessment of pesticides currently applied in Ghana. <i>Chemosphere</i> , 2020 , 254, 126845-126854	5.4	10
231	Fate and effects of sediment-associated polycyclic musk HHCB in subtropical freshwater microcosms. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 169, 902-910	7	6
230	Insights into the sediment toxicity of personal care products to freshwater oligochaete worms using Fourier transform infrared spectroscopy. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 172, 296-302	7	7

229	Exposure pattern-specific species sensitivity distributions for the ecological risk assessments of insecticides. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 180, 252-258	7	7
228	Dynamics of archaeal community in soil with application of composted tannery sludge. <i>Scientific Reports</i> , 2019 , 9, 7347	4.9	6
227	Effects of long-term chlorpyrifos exposure on mortality and reproductive tissues of Banded Gourami (). <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019 , 54, 549-559	2.2	9
226	Horizontal and vertical diversity jointly shape food web stability against small and large perturbations. <i>Ecology Letters</i> , 2019 , 22, 1152-1162	10	23
225	Modeling the Sensitivity of Aquatic Macroinvertebrates to Chemicals Using Traits. <i>Environmental Science & Technology</i> , 2019 , 53, 6025-6034	10.3	24
224	Qualifying the effects of single and multiple stressors on the food web structure of Dutch drainage ditches using a literature review and conceptual models. <i>Science of the Total Environment</i> , 2019 , 684, 727-740	10.2	20
223	Fate and effects of triclosan in subtropical river biofilms. <i>Aquatic Toxicology</i> , 2019 , 212, 11-19	5.1	4
222	Response of sediment bacterial community to triclosan in subtropical freshwater benthic microcosms. <i>Environmental Pollution</i> , 2019 , 248, 676-683	9.3	8
221	Towards a general framework for the assessment of interactive effects of multiple stressors on aquatic ecosystems: Results from the Making Aquatic Ecosystems Great Again (MAEGA) workshop. <i>Science of the Total Environment</i> , 2019 , 684, 722-726	10.2	13
220	Use of models for the environmental risk assessment of veterinary medicines in European aquaculture: current situation and future perspectives. <i>Reviews in Aquaculture</i> , 2019 , 11, 969-988	8.9	10
219	Pesticide registration, distribution and use practices in Ghana. <i>Environment, Development and Sustainability</i> , 2019 , 21, 2667-2691	4.5	17
218	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
217	Priorities and opportunities in the application of the ecosystem services concept in risk assessment for chemicals in the environment. <i>Science of the Total Environment</i> , 2019 , 651, 1067-1077	10.2	20
216	Responses of soil bacterial community after seventh yearly applications of composted tannery sludge. <i>Geoderma</i> , 2018 , 318, 1-8	6.7	24
215	Environmental monitoring and risk assessment of organophosphate pesticides in aquatic ecosystems of north-west Bangladesh. <i>Chemosphere</i> , 2018 , 206, 92-100	8.4	42
214	Insect community composition and functional roles along a tropical agricultural production gradient. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13426-13438	5.1	7
213	Effects of imidacloprid on the ecology of sub-tropical freshwater microcosms. <i>Environmental Pollution</i> , 2018 , 236, 432-441	9.3	53
212	Impacts of nutrients and pesticides from small- and large-scale agriculture on the water quality of Lake Ziway, Ethiopia. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13207-13216	5.1	28

211	In situ toxicity and ecological risk assessment of agro-pesticide runoff in the Madre de Dios River in Costa Rica. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13270-13282	5.1	14
210	Comparison of predicted aquatic risks of pesticides used under different rice-farming strategies in the Mekong Delta, Vietnam. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13322-13334	5.1	15
209	Lower tier toxicity risk assessment of agriculture pesticides detected on the R \bar{B} Madre de Dios watershed, Costa Rica. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13312-13321	5.1	17
208	Effects of triclosan on aquatic invertebrates in tropics and the influence of pH on its toxicity on microalgae. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13244-13253	5.1	21
207	Assessing the ecological impact of banana farms on water quality using aquatic macroinvertebrate community composition. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13373-13381	5.1	16
206	Environmental risk assessment of pesticides in the River Madre de Dios, Costa Rica using PERPEST, SSD, and msPAF models. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13254-13269	5.1	49
205	Additive effects of the herbicide glyphosate and elevated temperature on the branched coral <i>Acropora formosa</i> in Nha Trang, Vietnam. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13360-13372 ¹⁶	5.1	16
204	The combined and interactive effects of zinc, temperature, and phosphorus on the structure and functioning of a freshwater community. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 2413-2427	3.8	6
203	Fate and effects of sediment-associated triclosan in subtropical freshwater microcosms. <i>Aquatic Toxicology</i> , 2018 , 202, 117-125	5.1	4
202	Bioaccumulation and Biotransformation of Triclosan and Galaxolide in the Freshwater Oligochaete <i>Limnodrilus hoffmeisteri</i> in a Water/Sediment Microcosm. <i>Environmental Science & Technology</i> , 2018 , 52, 8390-8398	10.3	17
201	Toward sustainable environmental quality: Priority research questions for Europe. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 2281-2295	3.8	68
200	Calibration and validation of toxicokinetic-toxicodynamic models for three neonicotinoids and some aquatic macroinvertebrates. <i>Ecotoxicology</i> , 2018 , 27, 992-1007	2.9	20
199	Less abundant bacterial groups are more affected than the most abundant groups in composted tannery sludge-treated soil. <i>Scientific Reports</i> , 2018 , 8, 11755	4.9	8
198	Environmental risk assessment of pesticides in the River Madre de Dios, Costa Rica using PERPEST, SSD, and msPAF models 2018 , 25, 13254		3
197	Advantages and challenges associated with implementing an ecosystem services approach to ecological risk assessment for chemicals. <i>Science of the Total Environment</i> , 2018 , 621, 1342-1351	10.2	23
196	Effects of temperature, genetic variation and species competition on the sensitivity of algae populations to the antibiotic enrofloxacin. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 148, 228-236	7	20
195	Toward refined environmental scenarios for ecological risk assessment of down-the-drain chemicals in freshwater environments. <i>Integrated Environmental Assessment and Management</i> , 2017 , 13, 233-248	2.5	22
194	European environmental scenarios of chemical bioavailability in freshwater systems. <i>Science of the Total Environment</i> , 2017 , 580, 1237-1246	10.2	8

193	Occurrence and ecological risk assessment of emerging organic chemicals in urban rivers: Guangzhou as a case study in China. <i>Science of the Total Environment</i> , 2017 , 589, 46-55	10.2	94
192	Acute toxicity of chlorpyrifos to embryo and larvae of banded gourami <i>Trichogaster fasciata</i> . <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017 , 52, 92-98	2.2	12
191	A long-term copper exposure in a freshwater ecosystem using lotic mesocosms: Invertebrate community responses. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 2698-2714	3.8	12
190	Postregistration monitoring of pesticides is urgently required to protect ecosystems. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 860-865	3.8	28
189	Interaction between stress induced by competition, predation, and an insecticide on the response of aquatic invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 2485-2492	3.8	7
188	Analysis of community-level mesocosm data based on ecologically meaningful dissimilarity measures and data transformation. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 1667-1679	3.8	3
187	A probabilistic approach to assess antibiotic resistance development risks in environmental compartments and its application to an intensive aquaculture production scenario. <i>Environmental Pollution</i> , 2017 , 231, 918-928	9.3	36
186	Time-dependent effect of composted tannery sludge on the chemical and microbial properties of soil. <i>Ecotoxicology</i> , 2017 , 26, 1366-1377	2.9	9
185	Shifts of community composition and population density substantially affect ecosystem function despite invariant richness. <i>Ecology Letters</i> , 2017 , 20, 1315-1324	10	44
184	ET&C Best Paper of 2016. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 1693-1694	3.8	
183	The potential for using red claw crayfish and hybrid African catfish as biological control agents for <i>Schistosoma</i> host snails. <i>African Journal of Aquatic Science</i> , 2017 , 42, 235-243	1.6	3
182	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	10.2	196
181	Prospective Environmental Risk Assessment for Sediment-Bound Organic Chemicals: A Proposal for Tiered Effect Assessment. <i>Reviews of Environmental Contamination and Toxicology</i> , 2017 , 239, 1-77	3.5	8
180	Biodiversity and ecosystem functioning decoupled: invariant ecosystem functioning despite non-random reductions in consumer diversity. <i>Oikos</i> , 2016 , 125, 424-433	4	15
179	Modelling survival: exposure pattern, species sensitivity and uncertainty. <i>Scientific Reports</i> , 2016 , 6, 291789	4.9	40
178	Relative influence of chemical and non-chemical stressors on invertebrate communities: a case study in the Danube River. <i>Science of the Total Environment</i> , 2016 , 571, 1370-82	10.2	44
177	Sensitivity of Ethiopian aquatic macroinvertebrates to the pesticides endosulfan and diazinon, compared to literature data. <i>Ecotoxicology</i> , 2016 , 25, 1226-33	2.9	8
176	Natural and human induced factors influencing the abundance of <i>Schistosoma</i> host snails in Zambia. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 370	3.1	12

175	Risk assessment of pesticides used in rice-prawn concurrent systems in Bangladesh. <i>Science of the Total Environment</i> , 2016 , 568, 498-506	10.2	41
174	Dynamics and recovery of a sediment-exposed <i>Chironomus riparius</i> population: A modelling approach. <i>Environmental Pollution</i> , 2016 , 213, 741-750	9.3	6
173	Environmental and human health risks of antimicrobials used in <i>Fenneropenaeus chinensis</i> aquaculture production in China. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 15689-702	5.1	32
172	Developing ecological scenarios for the prospective aquatic risk assessment of pesticides. <i>Integrated Environmental Assessment and Management</i> , 2016 , 12, 510-21	2.5	44
171	Acute and chronic toxicity of neonicotinoids to nymphs of a mayfly species and some notes on seasonal differences. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 128-33	3.8	66
170	New approaches to the ecological risk assessment of multiple stressors. <i>Marine and Freshwater Research</i> , 2016 , 67, 429	2.2	50
169	New diagnostics for multiply stressed marine and freshwater ecosystems: integrating models, ecoinformatics and big data. <i>Marine and Freshwater Research</i> , 2016 , 67, 391	2.2	16
168	Pesticide use in Vietnamese vegetable production: a 10-year study. <i>International Journal of Agricultural Sustainability</i> , 2016 , 14, 325-338	2.2	35
167	The effects of zinc on the structure and functioning of a freshwater community: A microcosm experiment. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 2698-2712	3.8	7
166	Effects of Endosulfan on Predator-Prey Interactions Between Catfish and <i>Schistosoma</i> Host Snails. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 71, 257-66	3.2	4
165	Reintroducing Environmental Change Drivers in Biodiversity-Ecosystem Functioning Research. <i>Trends in Ecology and Evolution</i> , 2016 , 31, 905-915	10.9	71
164	What is in a label? Rainforest-Alliance certified banana production versus non-certified conventional banana production. <i>Global Ecology and Conservation</i> , 2016 , 7, 39-48	2.8	5
163	Monitoring and risk assessment of pesticides in irrigation systems in Debra Zeit, Ethiopia. <i>Chemosphere</i> , 2016 , 161, 280-291	8.4	19
162	The influence of insecticide exposure and environmental stimuli on the movement behaviour and dispersal of a freshwater isopod. <i>Ecotoxicology</i> , 2016 , 25, 1338-52	2.9	8
161	Population-level effects and recovery of aquatic invertebrates after multiple applications of an insecticide. <i>Integrated Environmental Assessment and Management</i> , 2016 , 12, 67-81	2.5	16
160	Effects of intra- and interspecific competition on the sensitivity of aquatic macroinvertebrates to carbendazim. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 120, 27-34	7	9
159	Importance of environmental and biomass dynamics in predicting chemical exposure in ecological risk assessment. <i>Science of the Total Environment</i> , 2015 , 526, 338-45	10.2	18
158	Assessment of ecological quality of the Tajan River in Iran using a multimetric macroinvertebrate index and species traits. <i>Environmental Management</i> , 2015 , 56, 260-9	3.1	32

157	Analysing chemical-induced changes in macroinvertebrate communities in aquatic mesocosm experiments: a comparison of methods. <i>Ecotoxicology</i> , 2015 , 24, 760-9	2.9	20
156	Studying the movement behavior of benthic macroinvertebrates with automated video tracking. <i>Ecology and Evolution</i> , 2015 , 5, 1563-75	2.8	8
155	Evaluating aquatic invertebrate vulnerability to insecticides based on intrinsic sensitivity, biological traits, and toxic mode of action. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 1907-17	3.8	75
154	Effects of intra- and interspecific competition on the sensitivity of <i>Daphnia magna</i> populations to the fungicide carbendazim. <i>Ecotoxicology</i> , 2015 , 24, 1362-71	2.9	12
153	Species interactions and chemical stress: combined effects of intraspecific and interspecific interactions and pyrene on <i>Daphnia magna</i> population dynamics. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 1751-9	3.8	20
152	Ecological risks of home and personal care products in the riverine environment of a rural region in South China without domestic wastewater treatment facilities. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 122, 417-25	7	48
151	Surface water risk assessment of pesticides in Ethiopia. <i>Science of the Total Environment</i> , 2015 , 508, 566-74	4.2	35
150	The minimum detectable difference (MDD) and the interpretation of treatment-related effects of pesticides in experimental ecosystems. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 1160-74	5.1	47
149	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	10.2	149
148	Theoretically exploring direct and indirect chemical effects across ecological and exposure scenarios using mechanistic fate and effects modelling. <i>Environment International</i> , 2015 , 74, 181-90	12.9	41
147	Ecological risk assessment of the antibiotic enrofloxacin applied to <i>Pangasius</i> catfish farms in the Mekong Delta, Vietnam. <i>Chemosphere</i> , 2015 , 119, 407-414	8.4	87
146	Exploring the potential of host-environment relationships in the control of schistosomiasis in Africa. <i>African Journal of Aquatic Science</i> , 2015 , 40, 47-55	1.6	5
145	Monitoring and assessment of water health quality in the Tajan River, Iran using physicochemical, fish and macroinvertebrates indices. <i>Journal of Environmental Health Science & Engineering</i> , 2015 , 13, 29	2.9	35
144	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	10.2	198
143	Probabilistic risk assessment of veterinary medicines applied to four major aquaculture species produced in Asia. <i>Science of the Total Environment</i> , 2014 , 468-469, 630-41	10.2	87
142	The ChimERA project: coupling mechanistic exposure and effect models into an integrated platform for ecological risk assessment. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 6263-7	5.1	10
141	Merging validation and evaluation of ecological models to "evaluation" a review of terminology and a practical approach. <i>Ecological Modelling</i> , 2014 , 280, 117-128	3	144
140	Integrating chemical fate and population-level effect models for pesticides at landscape scale: New options for risk assessment. <i>Ecological Modelling</i> , 2014 , 280, 102-116	3	37

139	Use, fate and ecological risks of antibiotics applied in tilapia cage farming in Thailand. <i>Environmental Pollution</i> , 2014 , 191, 8-16	9.3	89
138	A simulation study on effects of exposure to a combination of pesticides used in an orchard and tuber crop on the recovery time of a vulnerable aquatic invertebrate. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1489-98	3.8	13
137	The contribution of intra- and interspecific tolerance variability to biodiversity changes along toxicity gradients. <i>Ecology Letters</i> , 2014 , 17, 72-81	10	23
136	Nanopesticides: guiding principles for regulatory evaluation of environmental risks. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 4227-40	5.7	210
135	Comparing population recovery after insecticide exposure for four aquatic invertebrate species using models of different complexity. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1517-28	3.8	13
134	Effects of the antibiotic enrofloxacin on the ecology of tropical eutrophic freshwater microcosms. <i>Aquatic Toxicology</i> , 2014 , 147, 92-104	5.1	42
133	Effects of azoxystrobin, chlorothalonil, and ethoprophos on the reproduction of three terrestrial invertebrates using a natural Mediterranean soil. <i>Applied Soil Ecology</i> , 2014 , 76, 124-131	5	30
132	Ethoprophos fate on soil-water interface and effects on non-target terrestrial and aquatic biota under Mediterranean crop-based scenarios. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 103, 36-44	7	10
131	Assessing effects of the fungicide tebuconazole to heterotrophic microbes in aquatic microcosms. <i>Science of the Total Environment</i> , 2014 , 490, 1002-11	10.2	45
130	Macro-invertebrate decline in surface water polluted with imidacloprid: a rebuttal and some new analyses. <i>PLoS ONE</i> , 2014 , 9, e89837	3.7	47
129	Modeling the contribution of toxicokinetic and toxicodynamic processes to the recovery of <i>Gammarus pulex</i> populations after exposure to pesticides. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1476-88	3.8	24
128	Sediment Toxicity Testing of Organic Chemicals in the Context of Prospective Risk Assessment: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2014 , 44, 255-302	11.1	45
127	Effect of pesticides used in banana and pineapple plantations on aquatic ecosystems in Costa Rica. <i>Journal of Environmental Biology</i> , 2014 , 35, 73-84	1.6	24
126	Using additive modelling to quantify the effect of chemicals on phytoplankton diversity and biomass. <i>Science of the Total Environment</i> , 2013 , 449, 71-80	10.2	8
125	Use of veterinary medicines, feed additives and probiotics in four major internationally traded aquaculture species farmed in Asia. <i>Aquaculture</i> , 2013 , 412-413, 231-243	4.4	205
124	Combined and interactive effects of global climate change and toxicants on populations and communities. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 49-61	3.8	213
123	Modeling environmental and human health risks of veterinary medicinal products applied in pond aquaculture. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 1196-207	3.8	16
122	The neonicotinoid imidacloprid shows high chronic toxicity to mayfly nymphs. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 1096-100	3.8	139

121	Assessing aquatic population and community-level risks of pesticides. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 972-3	3.8	33
120	The use of traits-based approaches and eco(toxico)logical models to advance the ecological risk assessment framework for chemicals. <i>Integrated Environmental Assessment and Management</i> , 2013 , 9, e47-57	2.5	32
119	Persistence of aquatic insects across managed landscapes: effects of landscape permeability on re-colonization and population recovery. <i>PLoS ONE</i> , 2013 , 8, e54584	3.7	22
118	Simulating population recovery of an aquatic isopod: Effects of timing of stress and landscape structure. <i>Environmental Pollution</i> , 2012 , 163, 91-9	9.3	25
117	Use of chemicals and biological products in Asian aquaculture and their potential environmental risks: a critical review. <i>Reviews in Aquaculture</i> , 2012 , 4, 75-93	8.9	157
116	The role of ecological models in linking ecological risk assessment to ecosystem services in agroecosystems. <i>Science of the Total Environment</i> , 2012 , 415, 93-100	10.2	69
115	Response to "Traits and stress: keys to identify community effects of low levels of toxicants in test systems" by Liess and Beketov (2011). <i>Ecotoxicology</i> , 2012 , 21, 297-9; discussion 300-3	2.9	10
114	Species traits as predictors for intrinsic sensitivity of aquatic invertebrates to the insecticide chlorpyrifos. <i>Ecotoxicology</i> , 2012 , 21, 2088-101	2.9	61
113	Pesticides in South African fresh waters. <i>African Journal of Aquatic Science</i> , 2012 , 37, 1-16	1.6	48
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