

# Ralf Schulz

## List of Publications by Year in descending order

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Version: 2024-02-01

271  
papers

11,316  
citations

30551

56  
h-index

46524

93  
g-index

275  
all docs

275  
docs citations

275  
times ranked

10651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Legacy and emerging organohalogenated compounds in feathers of Eurasian eagle-owls ( <i>Bubo bubo</i> ) in Norway: Spatiotemporal variations and associations with dietary proxies ( $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ ). <i>Environmental Research</i> , 2022, 204, 112372.	3.7	5
2	Nanosized titanium dioxide elevates toxicity of cationic metals species for <i>Daphnia</i> " have aging and natural organic matter an unexpected impact?. <i>Nanotoxicology</i> , 2022, 16, 16-28.	1.6	2
3	Emerging Midges Transport Pesticides from Aquatic to Terrestrial Ecosystems: Importance of Compound- and Organism-Specific Parameters. <i>Environmental Science &amp; Technology</i> , 2022, 56, 5478-5488.	4.6	16
4	An assessment of mercury and its dietary drivers in fur of Arctic wolves from Greenland and High Arctic Canada. <i>Science of the Total Environment</i> , 2022, 838, 156171.	3.9	5
5	Effects of copper in <i>Daphnia</i> are modulated by nanosized titanium dioxide and natural organic matter: what is the impact of aging duration?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13991-13999.	2.7	4
6	A new approach combining forensic thresholds and a multiple-tubes approach to unravel false microsatellite profiles from cross-contaminated sample material. <i>Conservation Genetics Resources</i> , 2021, 13, 89-95.	0.4	1
7	Compound-specific $\delta^{15}\text{N}$ analyses of amino acids for trophic level estimation from indigenous and invasive freshwater amphipods. <i>International Review of Hydrobiology</i> , 2021, 106, 41-47.	0.5	4
8	How Toxicants Influence Organic Matter Decomposition in Streams. , 2021, , 379-410.		3
9	Bottom-up effects of fungicides on tadpoles of the European common frog ( <i>Rana temporaria</i> ). <i>Ecology and Evolution</i> , 2021, 11, 4353-4365.	0.8	3
10	Mixture effects of a fungicide and an antibiotic: Assessment and prediction using a decomposer-detritivore system. <i>Aquatic Toxicology</i> , 2021, 232, 105762.	1.9	1
11	Applied pesticide toxicity shifts toward plants and invertebrates, even in GM crops. <i>Science</i> , 2021, 372, 81-84.	6.0	152
12	Photoactive titanium dioxide nanoparticles modify heterotrophic microbial functioning. <i>Environmental Science and Pollution Research</i> , 2021, 28, 49550-49558.	2.7	0
13	Water quality and ecological risks in European surface waters " Monitoring improves while water quality decreases. <i>Environment International</i> , 2021, 152, 106479.	4.8	64
14	Fungal-fungal and fungal-bacterial interactions in aquatic decomposer communities: bacteria promote fungal diversity. <i>Ecology</i> , 2021, 102, e03471.	1.5	15
15	Environmentally relevant fungicide levels modify fungal community composition and interactions but not functioning. <i>Environmental Pollution</i> , 2021, 285, 117234.	3.7	17
16	Spatial and dietary sources of elevated mercury exposure in white-tailed eagle nestlings in an Arctic freshwater environment. <i>Environmental Pollution</i> , 2021, 290, 117952.	3.7	6
17	Distribution of engineered Ag nanoparticles in the aquatic-terrestrial transition zone: a long-term indoor floodplain mesocosm study. <i>Environmental Science: Nano</i> , 2021, 8, 1771-1785.	2.2	1
18	Herbicide-Induced Shifts in the Periphyton Community Composition Indirectly Affect Feeding Activity and Physiology of the Gastropod Grazer <i>Physella acuta</i> . <i>Environmental Science &amp; Technology</i> , 2021, 55, 14699-14709.	4.6	6

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19	Mating Strategies of Invasive Versus Indigenous Crayfish: Multiple Paternity as a Driver for Invasion Success?. <i>Freshwater Crayfish</i> , 2021, 26, 89-98.	0.5	1
20	Reaction pathways, kinetics and toxicity assessment during the photocatalytic degradation of glyphosate and myclobutanil pesticides: Influence of the aqueous matrix. <i>Chemical Engineering Journal</i> , 2020, 384, 123315.	6.6	46
21	Genetic diversity and population structure of burbot (<i>Lota lota</i>) in Germany: Implications for conservation and management. <i>Fisheries Management and Ecology</i> , 2020, 27, 170-184.	1.0	8
22	<sup>210</sup> Po and <sup>210</sup> Pb activity concentrations in Greenlandic seabirds and dose assessment. <i>Science of the Total Environment</i> , 2020, 712, 136548.	3.9	6
23	Multifaceted implications of the competition between native and invasive crayfish: a glimmer of hope for the native's long-term survival. <i>Biological Invasions</i> , 2020, 22, 827-842.	1.2	22
24	The role of organic matrices in the fate of hydrophobic pesticides: An outdoor stream mesocosm study. <i>Chemosphere</i> , 2020, 259, 127459.	4.2	4
25	Multiple Stressors in Aquatic Ecosystems: Sublethal Effects of Temperature, Dissolved Organic Matter, Light and a Neonicotinoid Insecticide on Gammarids. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 345-350.	1.3	7
26	The Fungicide Tebuconazole Confounds Concentrations of Molecular Biomarkers Estimating Fungal Biomass. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 620-625.	1.3	7
27	Detection of the endangered European weather loach (<i>Misgurnus fossilis</i>) via water and sediment samples: Testing multiple eDNA workflows. <i>Ecology and Evolution</i> , 2020, 10, 8331-8344.	0.8	8
28	Genetic diversity of endangered <i>Chondrostoma nasus</i> in the River Rhine system: Conservation genetics considerations on stocking and reintroduction. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2020, , 25.	0.5	9
29	Reduction of Pesticide Toxicity Under Field-Relevant Conditions? The Interaction of Titanium Dioxide Nanoparticles, Ultraviolet, and Natural Organic Matter. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 2237-2246.	2.2	4
30	A Compendium of Chemical Class and Use Type Open Access Databases. <i>Data</i> , 2020, 5, 114.	1.2	0
31	Infochemicals Influence Neonicotinoid Toxicity's Impact in Leaf Consumption, Growth, and Predation of the Amphipod <i>Gammarus fossarum</i>. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1755-1764.	2.2	2
32	Temporal trends of legacy organochlorines in different white-tailed eagle ( <i>Haliaeetus albicilla</i> ) subpopulations: A retrospective investigation using archived feathers. <i>Environment International</i> , 2020, 138, 105618.	4.8	26
33	The importance of diet-related effects of the antibiotic ciprofloxacin on the leaf-shredding invertebrate <i>Gammarus fossarum</i> (Crustacea; Amphipoda). <i>Aquatic Toxicology</i> , 2020, 222, 105461.	1.9	13
34	Effect of Bt toxin Cry1Ab on two freshwater caddisfly shredders – an attempt to establish dose-effect relationships through food-spiking. <i>Scientific Reports</i> , 2020, 10, 5262.	1.6	4
35	Ecophysiological and life-history adaptations of <i>Gammarus balcanicus</i> (Schäferna, 1922) in a sinking-cave stream from Western Carpathians (Romania). <i>Zoology</i> , 2020, 139, 125754.	0.6	7
36	Pathways of Contaminant Transport Across the Aquatic-Terrestrial Interface: Implications for Terrestrial Consumers, Ecosystems, and Management. , 2020, , 35-57.		4

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37	Studying Effects of Contaminants on Aquatic-Terrestrial Subsidies: Experimental Designs Using Outdoor and Indoor Mesocosms and Microcosms. , 2020, , 279-296.		0
38	The dimension of biological change caused by autotripleidy: A meta-analysis with triploid crayfish <i>Procambarus virginalis</i> and its diploid parent <i>Procambarus fallax</i> . <i>Zoologischer Anzeiger</i> , 2019, 281, 53-67.	0.4	13
39	White-Tailed Eagle ( <i>Haliaeetus albicilla</i> ) Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12744-12753.	4.6	45
40	Aquatic pesticide exposure in the U.S. as a result of non-agricultural uses. <i>Environment International</i> , 2019, 133, 105234.	4.8	32
41	Nanoparticles transported from aquatic to terrestrial ecosystems via emerging aquatic insects compromise subsidy quality. <i>Scientific Reports</i> , 2019, 9, 15676.	1.6	25
42	Food-related exposure to systemic pesticides and pesticides from transgenic plants: evaluation of aquatic test strategies. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	11
43	A glance into the black box: Novel species-specific quantitative real-time PCR assays to disentangle aquatic hyphomycete community composition. <i>Fungal Ecology</i> , 2019, 42, 100858.	0.7	19
44	Effects of a Systemic Pesticide Along an Aquatic Tri-Trophic Food Chain. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 507-514.	1.3	6
45	Insecticide Risk in US Surface Waters: Drivers and Spatiotemporal Modeling. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12071-12080.	4.6	19
46	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.	1.3	4
47	Temporal trends of mercury differ across three northern white-tailed eagle ( <i>Haliaeetus albicilla</i> ) subpopulations. <i>Science of the Total Environment</i> , 2019, 687, 77-86.	3.9	17
48	In Situ Exposure of Aquatic Invertebrates to Detect the Effects of Point and Nonpoint Source-Related Chemical Pollution in Aquatic Ecosystems. <i>Methods in Pharmacology and Toxicology</i> , 2019, , 1.	0.1	0
49	Two is better than one: combining gut content and stable isotope analyses to infer trophic interactions between native and invasive species. <i>Hydrobiologia</i> , 2019, 839, 25-35.	1.0	25
50	Environmental risk or benefit? Comprehensive risk assessment of groundwater treated with nano Fe <sub>0</sub> -based Carbo-Iron®. <i>Science of the Total Environment</i> , 2019, 677, 156-166.	3.9	14
51	Exposure pathway dependent effects of titanium dioxide and silver nanoparticles on the benthic amphipod <i>Gammarus fossarum</i> . <i>Aquatic Toxicology</i> , 2019, 212, 47-53.	1.9	13
52	Invasive rusty crayfish ( <i>Faxonius rusticus</i> ) populations in North America are infected with the crayfish plague disease agent ( <i>Aphanomyces astaci</i> ). <i>Freshwater Science</i> , 2019, 38, 425-433.	0.9	11
53	Fungicides: An Overlooked Pesticide Class?. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3347-3365.	4.6	374
54	Graphing Ecotoxicology: The MAGIC Graph for Linking Environmental Data on Chemicals. <i>Data</i> , 2019, 4, 34.	1.2	6

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55	Modeling Regulatory Threshold Levels for Pesticides in Surface Waters from Effect Databases. <i>Data</i> , 2019, 4, 150.	1.2	4
56	Retention of plant protection products (PPPs) by aquatic plants in flow-through systems. <i>Chemosphere</i> , 2019, 216, 587-594.	4.2	3
57	A blessing in disguise? Natural organic matter reduces the UV light-induced toxicity of nanoparticulate titanium dioxide. <i>Science of the Total Environment</i> , 2019, 663, 518-526.	3.9	11
58	Impact of genetically modified organisms on aquatic environments: Review of available data for the risk assessment. <i>Science of the Total Environment</i> , 2018, 635, 687-698.	3.9	14
59	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.	3.9	19
60	Nanoparticles in the environment: where do we come from, where do we go to?. <i>Environmental Sciences Europe</i> , 2018, 30, 6.	2.6	595
61	UV-irradiation and leaching in water reduce the toxicity of imidacloprid-contaminated leaves to the aquatic leaf-shredding amphipod <i>Gammarus fossarum</i> . <i>Environmental Pollution</i> , 2018, 236, 119-125.	3.7	9
62	Structural and functional effects of a short-term pyrethroid pulse exposure on invertebrates in outdoor stream mesocosms. <i>Science of the Total Environment</i> , 2018, 610-611, 810-819.	3.9	20
63	History matters: Heterotrophic microbial community structure and function adapt to multiple stressors. <i>Global Change Biology</i> , 2018, 24, e402-e415.	4.2	35
64	OBSOLETE: The combined impact of pesticides on our freshwater resources. , 2018, , .		1
65	Meta-Analysis of Insecticides in United States Surface Waters: Status and Future Implications. <i>Environmental Science &amp; Technology</i> , 2018, 52, 14452-14460.	4.6	49
66	Morphological characterization and genotyping of the marbled crayfish and new evidence on its origin. <i>Zootaxa</i> , 2018, 4524, 329.	0.2	17
67	Reintroduction and stock enhancement of European weatherfish ( <i>Misgurnus fossilis</i> L.) in Rhineland-Palatinate and Hesse, Germany. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 43.	0.5	2
68	Compilation and analysis of global surface water concentrations for individual insecticide compounds. <i>Science of the Total Environment</i> , 2018, 639, 516-525.	3.9	49
69	Assessing the effects of field-relevant pesticide mixtures for their compliance with the concentration addition model – An experimental approach with <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2018, 644, 342-349.	3.9	8
70	The evil within? Systemic fungicide application in trees enhances litter quality for an aquatic decomposer-detritivore system. <i>Environmental Pollution</i> , 2018, 241, 549-556.	3.7	8
71	Does long-term fungicide exposure affect the reproductive performance of leaf-shredders? A partial life-cycle study using <i>Hyalella azteca</i> . <i>Environmental Pollution</i> , 2017, 222, 458-464.	3.7	13
72	Long-term effects of fungicides on leaf-associated microorganisms and shredder populations – an artificial stream study. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2178-2189.	2.2	21

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73	Resilience in ecotoxicology: Toward a multiple equilibrium concept. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2574-2580.	2.2	9
74	Does Waterborne Exposure Explain Effects Caused by Neonicotinoid-Contaminated Plant Material in Aquatic Systems?. <i>Environmental Science &amp; Technology</i> , 2017, 51, 5793-5802.	4.6	34
75	Modeling Remobilization of Neonicotinoid Residues from Tree Foliage in Streamsâ€”A Relevant Exposure Pathway in Risk Assessment?. <i>Environmental Science &amp; Technology</i> , 2017, 51, 1785-1794.	4.6	30
76	Weatherfish ( <i>Misgurnus fossilis</i> ) as a new species for toxicity testing?. <i>Aquatic Toxicology</i> , 2017, 183, 46-53.	1.9	8
77	Transient effects following peak exposures towards pesticides â€” An explanation for the unresponsiveness of in situ measured functional variables. <i>Environmental Pollution</i> , 2017, 231, 1393-1397.	3.7	4
78	Procedure to select test organisms for environmental risk assessment of genetically modified crops in aquatic systems. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 974-979.	1.6	7
79	Antibiotic mixture effects on growth of the leaf-shredding stream detritivore <i>Gammarus fossarum</i> . <i>Ecotoxicology</i> , 2017, 26, 547-554.	1.1	11
80	History Matters: Pre-Exposure to Wastewater Enhances Pesticide Toxicity in Invertebrates. <i>Environmental Science &amp; Technology</i> , 2017, 51, 9280-9287.	4.6	11
81	Occurrence of length polymorphism and heteroplasmy in brown trout. <i>Gene Reports</i> , 2017, 6, 1-7.	0.4	8
82	Response and recovery of the macrophytes <i>Elodea canadensis</i> and <i>Myriophyllum spicatum</i> following a pulse exposure to the herbicide iofensulfuronâ€”sodium in outdoor stream mesocosms. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1090-1100.	2.2	16
83	Relative importance of dietary uptake and waterborne exposure for a leaf-shredding amphipod exposed to thiacloprid-contaminated leaves. <i>Scientific Reports</i> , 2017, 7, 16182.	1.6	20
84	Genetic diversity of a Daugava basin brown trout ( <i>Salmo trutta</i> ) brood stock. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2017, , 55.	0.5	4
85	Quantitative real-time PCR as a promising tool for the detection and quantification of leaf-associated fungal species â€” A proof-of-concept using <i>Alatospora pulchella</i> . <i>PLoS ONE</i> , 2017, 12, e0174634.	1.1	13
86	Effects of nanoparticles in fresh waters: risks, mechanisms and interactions. <i>Freshwater Biology</i> , 2016, 61, 2185-2196.	1.2	89
87	Nanosized titanium dioxide influences copperâ€”induced toxicity during aging as a function of environmental conditions. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1766-1774.	2.2	11
88	Response to Comment on â€œAquatic Exposure Predictions of Insecticide Field Concentrations Using a Multimedia Mass Balance Modelâ€• <i>Environmental Science &amp; Technology</i> , 2016, 50, 13171-13172.	4.6	1
89	Oxidized Carbo-Iron causes reduced reproduction and lower tolerance of juveniles in the amphipod <i>Hyalella azteca</i> . <i>Aquatic Toxicology</i> , 2016, 181, 94-103.	1.9	7
90	Do titanium dioxide nanoparticles induce food depletion for filter feeding organisms? A case study with <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2016, 214, 840-846.	3.7	11

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91	Global Insecticide Surface Water Contamination Assessment: BECTâ€™s Contribution in the Last Five Decades. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 563-564.	1.3	2
92	Palladium Nanoparticles: Is There a Risk for Aquatic Ecosystems?. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 153-158.	1.3	15
93	Exposure pathway-dependent effects of the fungicide epoxiconazole on a decomposer-detritivore system. <i>Science of the Total Environment</i> , 2016, 571, 992-1000.	3.9	24
94	A Pitfall with PIT Tags: Reduced Detection Efficiency of Half-Duplex Passive Integrated Transponders in Groups of Marked Fish. <i>North American Journal of Fisheries Management</i> , 2016, 36, 951-957.	0.5	6
95	Quantity and quality of natural organic matter influence the ecotoxicity of titanium dioxide nanoparticles. <i>Nanotoxicology</i> , 2016, 10, 1415-1421.	1.6	21
96	Runoff of veterinary pharmaceuticals from arable and grasslandâ€™A comparison between predictions from model simulations and experimental studies. <i>Agriculture, Ecosystems and Environment</i> , 2016, 218, 33-39.	2.5	14
97	Prioritizing stream types according to their potential risk to receive crop plant material â€™ A GIS-based procedure to assist in the risk assessment of genetically modified crops and systemic insecticide residues. <i>Science of the Total Environment</i> , 2016, 547, 226-233.	3.9	5
98	Impact of chemical composition of ecotoxicological test media on the stability and aggregation status of silver nanoparticles. <i>Environmental Science: Nano</i> , 2016, 3, 418-433.	2.2	46
99	De Novo assembly and annotation of the freshwater crayfish <i>Astacus astacus</i> transcriptome. <i>Marine Genomics</i> , 2016, 28, 7-10.	0.4	59
100	Mitigation of fungicide pollution in detention ponds and vegetated ditches within a vine-growing area in Germany. <i>Ecological Engineering</i> , 2016, 89, 121-130.	1.6	26
101	Aquatic Exposure Predictions of Insecticide Field Concentrations Using a Multimedia Mass-Balance Model. <i>Environmental Science &amp; Technology</i> , 2016, 50, 3721-3728.	4.6	9
102	Are sediments a risk? An ecotoxicological assessment of sediments from a quarry pond of the Upper Rhine River. <i>Journal of Soils and Sediments</i> , 2016, 16, 1069-1080.	1.5	19
103	Erosion rills offset the efficacy of vegetated buffer strips to mitigate pesticide exposure in surface waters. <i>Science of the Total Environment</i> , 2016, 545-546, 171-183.	3.9	24
104	Reference scenarios for exposure to plant protection products and invertebrate communities in stream mesocosms. <i>Science of the Total Environment</i> , 2016, 545-546, 308-319.	3.9	7
105	The Effect of Water Hardness on Mortality of Zebrafish ( <i>Danio rerio</i> ) During Exposure to Oxytetracycline. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 144-149.	1.3	4
106	Experiments in water-macrophyte systems to uncover the dynamics of pesticide mitigation processes in vegetated surface waters/streams. <i>Environmental Science and Pollution Research</i> , 2016, 23, 673-682.	2.7	12
107	Acute Toxicity and Environmental Risks of Five Veterinary Pharmaceuticals for Aquatic Macroinvertebrates. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 139-143.	1.3	38
108	Narrow pH Range of Surface Water Bodies Receiving Pesticide Input in Europe. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 3-8.	1.3	19

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109	Compound-specific $\delta^{13}\text{C}$ analyses reveal sterol metabolic constraints in an aquatic invertebrate. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1789-1794.	0.7	11
110	Aging of TiO <sub>2</sub> Nanoparticles Transiently Increases Their Toxicity to the Pelagic Microcrustacean <i>Daphnia magna</i> . <i>PLoS ONE</i> , 2015, 10, e0126021.	1.1	35
111	The oxidized state of the nanocomposite Carbo-Iron <sup>®</sup> causes no adverse effects on growth, survival and differential gene expression in zebrafish. <i>Science of the Total Environment</i> , 2015, 530-531, 198-208.	3.9	16
112	Waterborne toxicity and diet-related effects of fungicides in the key leaf shredder <i>Gammarus fossarum</i> (Crustacea: Amphipoda). <i>Aquatic Toxicology</i> , 2015, 169, 105-112.	1.9	50
113	Nanosized Titanium Dioxide Reduces Copper Toxicity—The Role of Organic Material and the Crystalline Phase. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1815-1822.	4.6	43
114	Does the Current Fungicide Risk Assessment Provide Sufficient Protection for Key Drivers in Aquatic Ecosystem Functioning?. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1173-1181.	4.6	68
115	Inorganic fungicides as routinely applied in organic and conventional agriculture can increase palatability but reduce microbial decomposition of leaf litter. <i>Journal of Applied Ecology</i> , 2015, 52, 310-322.	1.9	32
116	Using stable isotope analysis in stream mesocosms to study potential effects of environmental chemicals on aquatic-terrestrial subsidies. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12892-12901.	2.7	12
117	Does the presence of titanium dioxide nanoparticles reduce copper toxicity? A factorial approach with the benthic amphipod <i>Gammarus fossarum</i> . <i>Aquatic Toxicology</i> , 2015, 165, 154-159.	1.9	28
118	Agricultural insecticides threaten surface waters at the global scale. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5750-5755.	3.3	508
119	Addendum to the article: Misuse of null hypothesis significance testing: Would estimation of positive and negative predictive values improve certainty of chemical risk assessment?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 3955-3957.	2.7	0
120	The marbled crayfish as a paradigm for saltational speciation by autopolyploidy and parthenogenesis in animals. <i>Biology Open</i> , 2015, 4, 1583-1594.	0.6	70
121	Variability in ecosystem structure and functioning in a low order stream: Implications of land use and season. <i>Science of the Total Environment</i> , 2015, 538, 341-349.	3.9	20
122	Pesticide authorization in the EU—environment unprotected?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 19632-19647.	2.7	80
123	Review on environmental alterations propagating from aquatic to terrestrial ecosystems. <i>Science of the Total Environment</i> , 2015, 538, 246-261.	3.9	88
124	Understanding the fate and biological effects of Ag- and TiO <sub>2</sub> -nanoparticles in the environment: The quest for advanced analytics and interdisciplinary concepts. <i>Science of the Total Environment</i> , 2015, 535, 3-19.	3.9	160
125	Effects of silver nanoparticle properties, media pH and dissolved organic matter on toxicity to <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 111, 263-270.	2.9	76
126	Photocatalytic properties of titanium dioxide nanoparticles affect habitat selection of and food quality for a key species in the leaf litter decomposition process. <i>Environmental Pollution</i> , 2015, 196, 276-283.	3.7	12



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127	Cryptic species diversity: an overlooked factor in environmental management?. <i>Journal of Applied Ecology</i> , 2014, 51, 958-967.	1.9	51
128	Role of submerged vegetation in the retention processes of three plant protection products in flow-through stream mesocosms. <i>Chemosphere</i> , 2014, 107, 13-22.	4.2	14
129	Risk mitigation measures for diffuse pesticide entry into aquatic ecosystems: Proposal of a guide to identify appropriate measures on a catchment scale. <i>Integrated Environmental Assessment and Management</i> , 2014, 10, 286-298.	1.6	12
130	Phylogeography of noble crayfish ( <i>Decapoda astacus astacus</i> ) reveals multiple refugia. <i>Freshwater Biology</i> , 2014, 59, 761-776.	1.2	44
131	Fungicide Field Concentrations Exceed FOCUS Surface Water Predictions: Urgent Need of Model Improvement. <i>Environmental Science &amp; Technology</i> , 2014, 48, 455-463.	4.6	46
132	Heavy Metal Uptake and Toxicity in the Presence of Titanium Dioxide Nanoparticles: A Factorial Approach Using <i>Daphnia magna</i> .. <i>Environmental Science &amp; Technology</i> , 2014, 48, 6965-6972.	4.6	109
133	Size-, surface- and crystalline structure composition-related effects of titanium dioxide nanoparticles during their aquatic life cycle. <i>Science of the Total Environment</i> , 2014, 493, 891-897.	3.9	35
134	Response to Comment on "Fungicide Field Concentrations Exceed FOCUS Surface Water Predictions: Urgent Need of Model Improvement" <i>Environmental Science &amp; Technology</i> , 2014, 48, 5347-5348.	4.6	0
135	Potential alteration of cross-ecosystem resource subsidies by an invasive aquatic macroinvertebrate: implications for the terrestrial food web. <i>Freshwater Biology</i> , 2014, 59, 2645-2655.	1.2	33
136	Combined effect of UV-irradiation and TiO <sub>2</sub> -nanoparticles on the predator-prey interaction of gammarids and mayfly nymphs. <i>Environmental Pollution</i> , 2014, 186, 136-140.	3.7	22
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