

Christian Ew Steinberg

List of Publications by Year in Descending Order

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Version: 2024-04-25

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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.

184
papers

6,980
citations

43
h-index

80
g-index

185
ext. papers

7,888
ext. citations

5.7
avg, IF

5.66
L-index

#	Paper	IF	Citations
184	Intraspecific Variability of the Apple May Be a Pineapple 2022 , 1037-1062		
183	Aquatic Animal Nutrition: Organic Macro- and Micronutrients Do Blind Men and Their Elephant Get Wet Feet? 2022 , 1-10		
182	Oligosaccharides: Sweet or Healthy Promises? 2022 , 455-472		
181	Vitamin B Complex: Do These Compounds Keep Veterinarians Away? 2022 , 839-866		
180	Lipids: The Greasy, Unhealthy Stuff? 2022 , 531-582		
179	Essential Fatty Acids: Fueling Versus Controlling? 2022 , 673-721		0
178	Peptides or Amino Acids? The Smaller, the Better? 2022 , 61-77		
177	Sulfur Amino Acids: Much More than Easy Fuel? 2022 , 163-192		
176	Glucose Intolerance: Life's Real Luxury? 2022 , 329-348		
175	Protein Sparing by Lipids: Learning from Wild Conspecifics? 2022 , 599-632		1
174	Glucose Homeostasis: Life's Little Luxury Balanced? 2022 , 303-328		
173	Fatty Acids: Fueling Versus Steering? 2022 , 633-672		
172	Protein Requirement: Only Meat Makes You Strong? 2022 , 11-41		
171	Nonprotein Amino Acids: Fuel at All? 2022 , 243-261		
170	LC-PUFAs in Reproduction and Behavior: Good Cop/Bad Cop? 2022 , 753-772		0
169	Nonstarch Polysaccharides: Neither Sweet Nor Gluey/Adverse? 2022 , 509-529		0
168	Regulatory Potential of Carbohydrates: Life's Little Luxury Controls? 2022 , 435-454		

167	Inherent Minerals Facilitated Bisphenol A Sorption by Biochar: A Key Force by Complexation. <i>ACS ES&T Water</i> , 2022 , 2, 184-194		0
166	Taurine Controlling Rather than Fueling 2022 , 223-242		
165	Nucleotides Only for Fitness Fans? 2022 , 961-989		
164	Utilization of Proteinaceous Nutrients Becoming Strong with Meat 2022 , 43-60		
163	The Versatile Amino Acid: Tryptophan More Controlling than Fueling 2022 , 117-137		
162	Enzymes Digestive Assistance from Aliens 2022 , 991-1036		
161	Vitamin C An Apple a Day Keeps the Veterinarian Away 2022 , 867-908		
160	Basic Amino Acids and Prolines Again: Much More than Easy Fuel 2022 , 193-221		
159	Vitamin E Keep Stress Away! 2022 , 927-949		0
158	The Sorption of Sulfamethoxazole by Aliphatic and Aromatic Carbons from Lignocellulose Pyrolysis. <i>Agronomy</i> , 2022 , 12, 476	3.6	
157	Reproducibility of Aerobic Granules in Treating Low-Strength and Low-C/N-Ratio Wastewater and Associated Microbial Community Structure. <i>Processes</i> , 2022 , 10, 444	2.9	0
156	Modification of the chemically induced inflammation assay reveals the Janus face of a phenol rich fulvic acid.. <i>Scientific Reports</i> , 2022 , 12, 5886	4.9	0
155	Fluctuation and Re-Establishment of Aerobic Granules Properties during the Long-Term Operation Period with Low-Strength and Low C/N Ratio Wastewater. <i>Processes</i> , 2021 , 9, 1290	2.9	1
154	Dietary supplements and pro-opiomelanocortin in <i>Siniperca chuatsi</i> Letter to the Editor. <i>Aquaculture Research</i> , 2021 , 52, 5918	1.9	1
153	The contrasting role of minerals in biochars in bisphenol A and sulfamethoxazole sorption. <i>Chemosphere</i> , 2021 , 264, 128490	8.4	11
152	Application of low dosage of copper oxide and zinc oxide nanoparticles boosts bacterial and fungal communities in soil. <i>Science of the Total Environment</i> , 2021 , 757, 143807	10.2	6
151	Fulvic acid accelerates hatching and stimulates antioxidative protection and the innate immune response in zebrafish larvae. <i>Science of the Total Environment</i> , 2021 , 796, 148780	10.2	2
150	Phenol-rich fulvic acid as a water additive enhances growth, reduces stress, and stimulates the immune system of fish in aquaculture. <i>Scientific Reports</i> , 2021 , 11, 174	4.9	8

149	Organo-mineral complexes protect condensed organic matter as revealed by benzene-polycarboxylic acids. <i>Environmental Pollution</i> , 2020 , 260, 113977	9.3	6
148	Can the properties of engineered nanoparticles be indicative of their functions and effects in plants?. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 205, 111128	7	15
147	Reaction of Substituted Phenols with Lignin Char: Dual Oxidative and Reductive Pathways Depending on Substituents and Conditions. <i>Environmental Science & Technology</i> , 2020 , 54, 15811-15820	10.3	8
146	Sustainable aquaculture requires environmental-friendly treatment strategies for fish diseases. <i>Reviews in Aquaculture</i> , 2020 , 12, 943-965	8.9	71
145	The relative importance of different carbon structures in biochars to carbamazepine and bisphenol A sorption. <i>Journal of Hazardous Materials</i> , 2019 , 373, 106-114	12.8	28
144	Organic matter protection by kaolinite over bio-decomposition as suggested by lignin and solvent-extractable lipid molecular markers. <i>Science of the Total Environment</i> , 2019 , 647, 570-576	10.2	4
143	Benzene polycarboxylic acid - A useful marker for condensed organic matter, but not for only pyrogenic black carbon. <i>Science of the Total Environment</i> , 2018 , 626, 660-667	10.2	19
142	Phosphoric acid pretreatment enhances the specific surface areas of biochars by generation of micropores. <i>Environmental Pollution</i> , 2018 , 240, 1-9	9.3	90
141	Overlooked Risks of Biochars: Persistent Free Radicals trigger Neurotoxicity in <i>Caenorhabditis elegans</i> . <i>Environmental Science & Technology</i> , 2018 , 52, 7981-7987	10.3	40
140	Aquatic Animal Nutrition 2018 ,		23
139	Dietary Restriction, Starvation, Compensatory Growth & Short-Term Fasting Does Not Kill You: It Can Make You Stronger 2018 , 137-287		1
138	Chrononutrition & The Clock Makes Good Food 2018 , 289-331		
137	Transgenerational Effects & Your Offspring Will Become What You Eat 2018 , 333-430		
136	Protection of extractable lipid and lignin: Differences in undisturbed and cultivated soils detected by molecular markers. <i>Chemosphere</i> , 2018 , 213, 314-322	8.4	4
135	The artificial humic substance HS1500 does not inhibit photosynthesis of the green alga <i>Desmodesmus armatus</i> in vivo but interacts with the photosynthetic apparatus of isolated spinach thylakoids in vitro. <i>Photosynthesis Research</i> , 2018 , 137, 403-420	3.7	3
134	Physi-chemical and sorption properties of biochars prepared from peanut shell using thermal pyrolysis and microwave irradiation. <i>Environmental Pollution</i> , 2017 , 227, 372-379	9.3	39
133	Distribution and UV protection strategies of zooplankton in clear and glacier-fed alpine lakes. <i>Scientific Reports</i> , 2017 , 7, 4487	4.9	17
132	Adsorbable organic bromine compounds (AOBr) in aquatic samples: a nematode-based toxicogenomic assessment of the exposure hazard. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 14862-73	5.1	

131	Natural Marine and Synthetic Xenobiotics Get on Nematode's Nerves: Neuro-Stimulating and Neurotoxic Findings in <i>Caenorhabditis elegans</i> . <i>Marine Drugs</i> , 2015 , 13, 2785-812	6	9
130	Low concentrations of dibromoacetic acid and N-nitrosodimethylamine induce several stimulatory effects in the invertebrate model <i>Caenorhabditis elegans</i> . <i>Chemosphere</i> , 2015 , 124, 122-8	8.4	3
129	Salinity, dissolved organic carbon and water hardness affect peracetic acid (PAA) degradation in aqueous solutions. <i>Aquacultural Engineering</i> , 2014 , 60, 35-40	3	21
128	Two organobromines trigger lifespan, growth, reproductive and transcriptional changes in <i>Caenorhabditis elegans</i> . <i>Environmental Science and Pollution Research</i> , 2014 , 21, 10419-31	5.1	7
127	Neurotoxic action of microcystin-LR is reflected in the transcriptional stress response of <i>Caenorhabditis elegans</i> . <i>Chemico-Biological Interactions</i> , 2014 , 223, 51-7	5	15
126	Neurotoxic evaluation of two organobromine model compounds and natural AOBBr-containing surface water samples by a <i>Caenorhabditis elegans</i> test. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 104, 194-201	7	20
125	NOM as Natural Xenobiotics. <i>ACS Symposium Series</i> , 2014 , 115-144	0.4	2
124	Natural xenobiotics to prevent cyanobacterial and algal growth in freshwater: contrasting efficacy of tannic acid, gallic acid, and gramine. <i>Chemosphere</i> , 2014 , 104, 212-20	8.4	43
123	Cyanobacterial xenobiotics as evaluated by a <i>Caenorhabditis elegans</i> neurotoxicity screening test. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 4589-606	4.6	23
122	UV-induced DNA damage in populations from clear and turbid alpine lakes. <i>Journal of Plankton Research</i> , 2014 , 36, 557-566	2.2	26
121	Contrasting cellular stress responses of Baikalian and Palearctic amphipods upon exposure to humic substances: environmental implications. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 14124-37	5.1	13
120	Plant Polyphenols 2014 , 87-96.e17		1
119	Algal diets and natural xenobiotics impact energy allocation in cladocerans. II. <i>Moina macrocopa</i> and <i>Moina micrura</i> . <i>Limnologia</i> , 2014 , 44, 23-31	2	15
118	Interaction of temperature and an environmental stressor: <i>Moina macrocopa</i> responds with increased body size, increased lifespan, and increased offspring numbers slightly above its temperature optimum. <i>Chemosphere</i> , 2013 , 90, 2136-41	8.4	16
117	Toxicity of hydroquinone to different freshwater phototrophs is influenced by time of exposure and pH. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 146-54	5.1	22
116	The non-target organism <i>Caenorhabditis elegans</i> withstands the impact of sulfamethoxazole. <i>Chemosphere</i> , 2013 , 93, 2373-80	8.4	24
115	Algal diets and natural xenobiotics impact energy allocation in cladocerans. I. <i>Daphnia magna</i> . <i>Limnologia</i> , 2013 , 43, 434-440	2	14
114	Culture of the cladoceran <i>Moina macrocopa</i> : Mortality associated with flagellate infection. <i>Aquaculture</i> , 2013 , 416-417, 374-379	4.4	4

113	Hormesis and longevity with tannins: free of charge or cost-intensive?. <i>Chemosphere</i> , 2013 , 93, 1005-8	8.4	16
112	Transcript expression patterns illuminate the mechanistic background of hormesis in <i>Caenorhabditis elegans</i> . <i>Dose-Response</i> , 2013 , 11, 558-76	2.3	3
111	Removal of bisphenol A by the freshwater green alga <i>Monoraphidium braunii</i> and the role of natural organic matter. <i>Science of the Total Environment</i> , 2012 , 416, 501-6	10.2	109
110	Antiandrogenic activity of humic substances. <i>Science of the Total Environment</i> , 2012 , 432, 93-6	10.2	9
109	Impact of two different humic substances on selected coccal green algae and cyanobacteria--changes in growth and photosynthetic performance. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 335-46	5.1	31
108	Selected coccal green algae are not affected by the humic substance Humifeed [®] in term of growth or photosynthetic performance. <i>Hydrobiologia</i> , 2012 , 684, 215-224	2.4	7
107	Organic carbon source in formulated sediments influences life traits and gene expression of <i>Caenorhabditis elegans</i> . <i>Ecotoxicology</i> , 2012 , 21, 557-68	2.9	10
106	The oyster genome reveals stress adaptation and complexity of shell formation. <i>Nature</i> , 2012 , 490, 49-54	10.4	1464
105	Humic Substances Delay Aging of the Photosynthetic Apparatus of <i>Chara hispida</i> . <i>Journal of Phycology</i> , 2012 , 48, 1522-9	3	3
104	Stress Ecology 2012 ,		30
103	Meta-Analysis of Global Transcriptomics Suggests that Conserved Genetic Pathways are Responsible for Quercetin and Tannic Acid Mediated Longevity in <i>C. elegans</i> . <i>Frontiers in Genetics</i> , 2012 , 3, 48	4.5	22
102	The Nematode <i>Caenorhabditis elegans</i> , Stress and Aging: Identifying the Complex Interplay of Genetic Pathways Following the Treatment with Humic Substances. <i>Frontiers in Genetics</i> , 2012 , 3, 50	4.5	5
101	Why a Small Worm Is Not Crazy 2012 , 1-6		
100	Activation of Oxygen: Multipurpose Tool 2012 , 7-45		1
99	Arms Race Between Plants and Animals: Biotransformation System 2012 , 61-106		3
98	Heat Shock Proteins: The Minimal, but Universal, Stress Proteome 2012 , 107-130		
97	Not All Is in the Genes 2012 , 213-240		
96	Environmental Stresses: Ecological Driving Force and Key Player in Evolution 2012 , 369-386		9

95	The Potential of Stress Response: Ecological Transcriptomics 2012 , 161-211		2
94	Whatever Doesn't Kill You Might Make You Stronger: Hormesis 2012 , 279-294		0
93	Multiple Stressors as Environmental Realism: Synergism or Antagonism 2012 , 295-309		4
92	One Stressor Prepares for the Next One to Come: Cross-Tolerance 2012 , 311-325		0
91	Longevity: Risky Shift in Population Structure? 2012 , 327-343		
90	Leaf litter leachates have the potential to increase lifespan, body size, and offspring numbers in a clone of <i>Moina macrocopa</i> . <i>Chemosphere</i> , 2012 , 86, 883-90	8.4	15
89	Does quinone or phenol enrichment of humic substances alter the primary compound from a non-algicidal to an algicidal preparation?. <i>Chemosphere</i> , 2012 , 87, 1193-200	8.4	14
88	Dissolved humic substances initiate DNA-methylation in cladocerans. <i>Aquatic Toxicology</i> , 2011 , 105, 640-3	3.1	32
87	Diversity of polyphenol action in <i>Caenorhabditis elegans</i> : between toxicity and longevity. <i>Journal of Natural Products</i> , 2011 , 74, 1713-20	4.9	80
86	Eicosanoid formation by a cytochrome P450 isoform expressed in the pharynx of <i>Caenorhabditis elegans</i> . <i>Biochemical Journal</i> , 2011 , 435, 689-700	3.8	22
85	Aerobic phosphorus release from shallow lake sediments. <i>Science of the Total Environment</i> , 2011 , 409, 4640-1; author reply 4642-3	10.2	10
84	Enrichment of humic material with hydroxybenzene moieties intensifies its physiological effects on the nematode <i>Caenorhabditis elegans</i> . <i>Environmental Science & Technology</i> , 2011 , 45, 8707-15	10.3	16
83	Hormetins, antioxidants and prooxidants: defining quercetin-, caffeic acid- and rosmarinic acid-mediated life extension in <i>C. elegans</i> . <i>Biogerontology</i> , 2011 , 12, 329-47	4.5	143
82	Natural dissolved humic substances increase the lifespan and promote transgenerational resistance to salt stress in the cladoceran <i>Moina macrocopa</i> . <i>Environmental Science and Pollution Research</i> , 2011 , 18, 1004-14	5.1	37
81	The longevity effect of tannic acid in <i>Caenorhabditis elegans</i> : Disposable Soma meets hormesis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 626-35	6.4	50
80	Exposure to humic material modulates life history traits of the cladocerans <i>Moina macrocopa</i> and <i>Moina micrura</i> . <i>Chemistry and Ecology</i> , 2010 , 26, 135-143	2.3	13
79	Modulation of longevity in <i>Daphnia magna</i> by food quality and simultaneous exposure to dissolved humic substances. <i>Limnologica</i> , 2010 , 40, 86-91	2	35
78	Can dissolved aquatic humic substances reduce the toxicity of ammonia and nitrite in recirculating aquaculture systems?. <i>Aquaculture</i> , 2010 , 306, 378-383	4.4	21

77	Different natural organic matter isolates cause similar stress response patterns in the freshwater amphipod, <i>Gammarus pulex</i> . <i>Environmental Science and Pollution Research</i> , 2010 , 17, 261-9	5.1	19
76	Stress by poor food quality and exposure to humic substances: <i>Daphnia magna</i> responds with oxidative stress, lifespan extension, but reduced offspring numbers. <i>Hydrobiologia</i> , 2010 , 652, 223-236	2.4	47
75	Catechin induced longevity in <i>C. elegans</i> : from key regulator genes to disposable soma. <i>Mechanisms of Ageing and Development</i> , 2009 , 130, 477-86	5.6	109
74	Gene expression profiling to characterize sediment toxicity--a pilot study using <i>Caenorhabditis elegans</i> whole genome microarrays. <i>BMC Genomics</i> , 2009 , 10, 160	4.5	61
73	Can acclimation of amphipods change their antioxidative response?. <i>Aquatic Ecology</i> , 2009 , 43, 1041-1045	5.9	9
72	Quercetin mediated lifespan extension in <i>Caenorhabditis elegans</i> is modulated by <i>age-1</i> , <i>daf-2</i> , <i>sek-1</i> and <i>unc-43</i> . <i>Biogerontology</i> , 2009 , 10, 565-78	4.5	107
71	Cytochrome P450-dependent metabolism of PCB52 in the nematode <i>Caenorhabditis elegans</i> . <i>Archives of Biochemistry and Biophysics</i> , 2009 , 488, 60-8	4.1	22
70	RNA/protein and RNA/DNA ratios determined by flow cytometry and their relationship to growth limitation of selected planktonic algae in culture. <i>European Journal of Phycology</i> , 2009 , 44, 297-308	2.2	20
69	Genes and environment - striking the fine balance between sophisticated biomonitoring and true functional environmental genomics. <i>Science of the Total Environment</i> , 2008 , 400, 142-61	10.2	99
68	Quercetin-mediated longevity in <i>Caenorhabditis elegans</i> : is DAF-16 involved?. <i>Mechanisms of Ageing and Development</i> , 2008 , 129, 611-3	5.6	77
67	Humic substances. Part 2: Interactions with organisms. <i>Environmental Science and Pollution Research</i> , 2008 , 15, 128-35	5.1	87
66	Humic substances. Part 1: Dissolved humic substances (HS) in aquaculture and ornamental fish breeding. <i>Environmental Science and Pollution Research</i> , 2008 , 15, 17-22	5.1	24
65	Humic substances in the environment with an emphasis on freshwater systems. <i>Environmental Science and Pollution Research</i> , 2008 , 15, 15-6	5.1	7
64	Natural organic matter differently modulates growth of two closely related coccal green algal species. <i>Environmental Science and Pollution Research</i> , 2007 , 14, 88-93	5.1	19
63	Differential Sensitivity of a Coccal Green Algal and a Cyanobacterial Species to Dissolved Natural Organic Matter (NOM) (8 pp). <i>Environmental Science and Pollution Research</i> , 2007 , 14 Suppl 1, 11-8	5.1	28
62	ESPR's Total Environment. <i>Environmental Science and Pollution Research</i> , 2007 , 14 Suppl 1, 1-2	5.1	4
61	Reduction in vegetative growth of the water mold <i>Saprolegnia parasitica</i> (Coker) by humic substance of different qualities. <i>Aquatic Toxicology</i> , 2007 , 83, 93-103	5.1	61
60	Cytochrome P450s and short-chain dehydrogenases mediate the toxicogenomic response of PCB52 in the nematode <i>Caenorhabditis elegans</i> . <i>Journal of Molecular Biology</i> , 2007 , 370, 1-13	6.5	61

59	Fixation of manganese and iron in freshwater sediments through electrochemically initiated processes II: Process optimization. <i>Aquatic Sciences</i> , 2006 , 68, 443-452	2.5	
58	Natural organic matter (NOM) induces oxidative stress in freshwater amphipods <i>Gammarus lacustris</i> Sars and <i>Gammarus tigrinus</i> (Sexton). <i>Science of the Total Environment</i> , 2006 , 366, 673-81	10.2	56
57	The Influence of Tributyltin Chloride and Polychlorinated Biphenyls on Swimming Behavior, Body Growth, Reproduction, and Activity of Biotransformation Enzymes in <i>Daphnia magna</i> . <i>Journal of Freshwater Ecology</i> , 2006 , 21, 109-120	1.4	6
56	Nature and abundance of organic radicals in natural organic matter: effect of pH and irradiation. <i>Environmental Science & Technology</i> , 2006 , 40, 5897-903	10.3	96
55	Cadmium accumulation in zebrafish (<i>Danio rerio</i>) eggs is modulated by dissolved organic matter (DOM). <i>Aquatic Toxicology</i> , 2006 , 79, 185-91	5.1	30
54	Characterization of acidic mining lakes by titration curves. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2006 , 29, 1356-1358		
53	Specific antioxidant reactions to oxidative stress promoted by natural organic matter in two amphipod species from Lake Baikal. <i>Environmental Toxicology</i> , 2006 , 21, 104-10	4.2	36
52	Dissolved humic substances [Ecological driving forces from the individual to the ecosystem level?]. <i>Freshwater Biology</i> , 2006 , 51, 1189-1210	3.1	201
51	Titration curves: a useful instrument for assessing the buffer systems of acidic mining waters. <i>Environmental Science and Pollution Research</i> , 2006 , 13, 215-24	5.1	15
50	Microbial Alkalinity Production to Prevent Reacidification of Neutralized Mining Lakes. <i>Mine Water and the Environment</i> , 2006 , 25, 204-213	2.4	15
49	Environmental signals: synthetic humic substances act as xeno-estrogen and affect the thyroid system of <i>Xenopus laevis</i> . <i>Chemosphere</i> , 2005 , 61, 1183-8	8.4	34
48	Impact of PCB mixture (Aroclor 1254) and TBT and a mixture of both on swimming behavior, body growth and enzymatic biotransformation activities (GST) of young carp (<i>Cyprinus carpio</i>). <i>Aquatic Toxicology</i> , 2005 , 71, 49-59	5.1	48
47	CYP35: xenobiotically induced gene expression in the nematode <i>Caenorhabditis elegans</i> . <i>Archives of Biochemistry and Biophysics</i> , 2005 , 438, 93-102	4.1	89
46	Humic material induces behavioral and global transcriptional responses in the nematode <i>Caenorhabditis elegans</i> . <i>Environmental Science & Technology</i> , 2005 , 39, 8324-32	10.3	65
45	Wirkung subakuter PCB-Exposition (Aroclor 1254) auf Sauerstoffverbrauch, Schwimmbewegung und Biotransformation (GST-Aktivität) des Karpfens (<i>Cyprinus carpio</i>). <i>Environmental Sciences Europe</i> , 2005 , 17, 133-145		
44	Combined effects of the fungicide propiconazole and agricultural runoff sediments on the aquatic bryophyte <i>Vesicularia dubyana</i> . <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 2285-90	3.8	8
43	EXOGENOUS ALKALINE PHOSPHATASE ACTIVITY OF ALGAL CELLS DETERMINED BY FLUORIMETRIC AND FLOW CYTOMETRIC DETECTION OF SOLUBLE ENZYME PRODUCTS (4-METHYL-UMBELLIFERONE, FLUORESCIEIN)1. <i>Journal of Phycology</i> , 2005 , 41, 993-999	3	7
42	Influence of a Xenobiotic Mixture (PCB and TBT) Compared to Single Substances on Swimming Behavior or Reproduction of <i>Daphnia magna</i> . <i>Clean - Soil, Air, Water</i> , 2005 , 33, 287-300		13

41	Temporal pattern in swimming activity of two fish species (<i>Danio rerio</i> and <i>Leucaspius delineatus</i>) under chemical stress conditions. <i>Biological Rhythm Research</i> , 2005 , 36, 263-276	0.8	11
40	Interaktionen von Huminstoffen mit Organismen in Binnengewässern 2004 , 1-32		
39	Biogeochemische Regulation in limnischen Ökosystemen: Zur Ökologischen Bedeutung von Huminstoffen 2004 , 1-198		
38	Impact of natural organic matter (NOM) on freshwater amphipods. <i>Science of the Total Environment</i> , 2004 , 319, 115-21	10.2	52
37	Fixation of manganese and iron in freshwater sediments through electrochemically initiated processes I: Principles and laboratory studies. <i>Aquatic Sciences</i> , 2004 , 66, 95-102	2.5	2
36	Humic substances affect physiological condition and sex ratio of swordtail (<i>Xiphophorus helleri</i> Heckel). <i>Aquatic Sciences</i> , 2004 , 66, 239-245	2.5	41
35	Key site variables governing the functional characteristics of Dissolved Natural Organic Matter (DNOM) in Nordic forested catchments. <i>Aquatic Sciences</i> , 2004 , 66, 195-210	2.5	45
34	Hormonelike effects of humic substances on fish, amphibians, and invertebrates. <i>Environmental Toxicology</i> , 2004 , 19, 409-11	4.2	23
33	Xenobiotic substances such as PCB mixtures (Aroclor 1254) and TBT can influence swimming behavior and biotransformation activity (GST) of carp (<i>Cyprinus carpio</i>). <i>Environmental Toxicology</i> , 2004 , 19, 460-70	4.2	33
32	Comparative study of microcystin-LR-induced behavioral changes of two fish species, <i>Danio rerio</i> and <i>Leucaspius delineatus</i> . <i>Environmental Toxicology</i> , 2004 , 19, 564-70	4.2	72
31	Photogeneration of singlet oxygen by humic substances: comparison of humic substances of aquatic and terrestrial origin. <i>Photochemical and Photobiological Sciences</i> , 2004 , 3, 273-80	4.2	127
30	Buffering Mechanisms in Acidic Mining Lakes – A Model-Based Analysis. <i>Aquatic Geochemistry</i> , 2003 , 9, 343-359	1.7	34
29	Comparative effects and metabolism of two microcystins and nodularin in the brine shrimp <i>Artemia salina</i> . <i>Aquatic Toxicology</i> , 2003 , 62, 219-26	5.1	86
28	Ecology of Humic Substances in Freshwaters 2003 ,		115
27	Further Evidence that Humic Substances Have the Potential to Modulate the Reproduction of the Nematode <i>Caenorhabditis elegans</i> . <i>International Review of Hydrobiology</i> , 2002 , 87, 121	2.3	16
26	RELATIONSHIPS BETWEEN LITTORAL DIATOMS AND THEIR CHEMICAL ENVIRONMENT IN NORTHEASTERN GERMAN LAKES AND RIVERS1. <i>Journal of Phycology</i> , 2002 , 38, 66-89	3	87
25	Differential retention and utilization of dissolved organic carbon by bacteria in river sediments. <i>Limnology and Oceanography</i> , 2002 , 47, 1702-1711	4.8	124
24	Enhanced growth and reproduction of <i>Caenorhabditis elegans</i> (Nematoda) in the presence of 4-nonylphenol. <i>Environmental Pollution</i> , 2002 , 120, 169-72	9.3	39

23	Refractory dissolved organic matter can influence the reproduction of <i>Caenorhabditis elegans</i> (Nematoda). <i>Freshwater Biology</i> , 2001 , 46, 1-10	3.1	52
22	Uptake, effects, and metabolism of cyanobacterial toxins in the emergent reed plant <i>Phragmites australis</i> (Cav.) Trin. ex steud. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 846-852	3.8	127
21	Toxicity of cadmium to <i>Caenorhabditis elegans</i> (Nematoda) in whole sediment and pore water: the ambiguous role of organic matter. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2794-2801	3.8	50
20	Dissolved Humic Substances Can Directly Affect Freshwater Organisms. <i>Clean - Soil, Air, Water</i> , 2001 , 29, 34-40		29
19	Ambiguous Ecological Control by Dissolved Humic Matter (DHM) and Natural Organic Matter (NOM): Trade-offs between Specific and Non-specific Effects. <i>Clean - Soil, Air, Water</i> , 2001 , 29, 399		6
18	Interaction of cadmium toxicity in embryos and larvae of zebrafish (<i>Danio rerio</i>) with calcium and humic substances. <i>Aquatic Toxicology</i> , 2001 , 54, 205-15	5.1	64
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16	Towards a Quantitative Structure Activity Relationship (QSAR) of Dissolved Humic Substances as Detoxifying Agents in Freshwaters. <i>International Review of Hydrobiology</i> , 2000 , 85, 253-266	2.3	23
15	Effects of tributyltin chloride (TBTCI) on detoxication enzymes in aquatic plants. <i>Environmental Toxicology</i> , 2000 , 15, 225-233	4.2	15
14	In vivo laser-induced fluorescence detection of pyrene in nematodes and determination of pyrene binding constants for humic substances by fluorescence quenching and bioconcentration experiments. <i>Journal of Environmental Monitoring</i> , 2000 , 2, 145-9		10
13	Gewässerbelastungen durch organische Stoffe 2000 , 93-272		
12	Effects of quantity, quality, and contact time of dissolved organic matter on bioconcentration of benzo[a]pyrene in the nematode <i>Caenorhabditis elegans</i> . <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 459-465	3.8	39
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10	Growth and fertility of <i>Caenorhabditis elegans</i> (nematoda) in unpolluted freshwater sediments: Response to particle size distribution and organic content. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 2921-2925	3.8	46
9	Effects of the cyanobacterial toxin microcystin-LR on detoxication enzymes in aquatic plants. <i>Environmental Toxicology</i> , 1999 , 14, 111-115	4.2	85
8	Uptake and effects of microcystin-LR on detoxication enzymes of early life stages of the zebra fish (<i>Danio rerio</i>). <i>Environmental Toxicology</i> , 1999 , 14, 89-95	4.2	161
7	. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 459	3.8	2
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3	PCBs and PCDD/Fs in lake sediments of Grosser Arbersee, Bavarian Forest, South Germany. <i>Environmental Pollution</i> , 1997 , 95, 19-25	9.3	32
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1	Regulatory Impacts of Humic Substances in Lakes 153-196		1