Christian Ew Steinberg

List of Publications by Year
in descending order

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160	8,789	53794 45	48315 88
papers	citations	h-index	g-index

185	185	185	8917
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein Requirementâ€”â€˜Only Meat Makes You Strongâ€™. , 2022, , 11-41.		1
2	LC-PUFAs in Reproduction and Behaviorâ€”â€˜Good Copâ€“Bad Cop?â€™. , 2022, , 753-772.		1
3	Nonstarch Polysaccharidesâ€”â€˜Neither Sweet Nor Glueyâ€”Adverse?â€™. , 2022, , 509-529.		4
4	Inherent Minerals Facilitated Bisphenol A Sorption by Biochar: A Key Force by Complexation. ACS ES&T Water, 2022, 2, 184-194.	4.6	3
5	The Sorption of Sulfamethoxazole by Aliphatic and Aromatic Carbons from Lignocellulose Pyrolysis. Agronomy, 2022, 12, 476.	3.0	2
6	Reproducibility of Aerobic Granules in Treating Low-Strength and Low-C/N-Ratio Wastewater and Associated Microbial Community Structure. Processes, 2022, 10, 444.	2.8	7
7	Modification of the chemically induced inflammation assay reveals the Janus face of a phenol rich fulvic acid. Scientific Reports, 2022, 12, 5886.	3.3	7
8	The contrasting role of minerals in biochars in bisphenol A and sulfamethoxazole sorption. Chemosphere, 2021, 264, 128490.	8.2	19
9	Application of low dosage of copper oxide and zinc oxide nanoparticles boosts bacterial and fungal communities in soil. Science of the Total Environment, 2021, 757, 143807.	8.0	26
10	Fluctuation and Re-Establishment of Aerobic Granules Properties during the Long-Term Operation Period with Low-Strength and Low C/N Ratio Wastewater. Processes, 2021, 9, 1290.	2.8	4
11	Dietary supplements and proâ€opiomelanocortin in Siniperca chuatsi â€”Letter to the Editor. Aquaculture Research, 2021, 52, 5918.	1.8	1
12	Fulvic acid accelerates hatching and stimulates antioxidative protection and the innate immune response in zebrafish larvae. Science of the Total Environment, 2021, 796, 148780.	8.0	16
13	Phenol-rich fulvic acid as a water additive enhances growth, reduces stress, and stimulates the immune system of fish in aquaculture. Scientific Reports, 2021, 11, 174.	3.3	28
14	Sustainable aquaculture requires environmentalâ€friendly treatment strategies for fish diseases. Reviews in Aquaculture, 2020, 12, 943-965.	9.0	159
15	Can the properties of engineered nanoparticles be indicative of their functions and effects in plants?. Ecotoxicology and Environmental Safety, 2020, 205, 111128.	6.0	28
16	Reaction of Substituted Phenols with Lignin Char: Dual Oxidative and Reductive Pathways Depending on Substituents and Conditions. Environmental Science & Technology, 2020, 54, 15811-15820.	10.0	21
17	Organo-mineral complexes protect condensed organic matter as revealed by benzene-polycarboxylic acids. Environmental Pollution, 2020, 260, 113977.	7.5	13
18	Organic matter protection by kaolinite over bio-decomposition as suggested by lignin and solvent-extractable lipid molecular markers. Science of the Total Environment, 2019, 647, 570-576.	8.0	8

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19	The relative importance of different carbon structures in biochars to carbamazepine and bisphenol A sorption. Journal of Hazardous Materials, 2019, 373, 106-114.	12.4	48
20	Benzene polycarboxylic acid â€" A useful marker for condensed organic matter, but not for only pyrogenic black carbon. Science of the Total Environment, 2018, 626, 660-667.	8.0	30
21	Dietary Restriction, Starvation, Compensatory Growth â€" â€˜Short-Term Fasting Does Not Kill You: It Can Make You Strongerâ€™. , 2018, , 137-287.		1
22	Chrononutrition â€" â€˜The Clock Makes Good Foodâ€™. , 2018, , 289-331.		0
23	Transgenerational Effects â€" â€˜Your Offspring Will Become What You Eatâ€™. , 2018, , 333-430.		1
24	Protection of extractable lipid and lignin: Differences in undisturbed and cultivated soils detected by molecular markers. Chemosphere, 2018, 213, 314-322.	8.2	9
25	The artificial humic substance HS1500 does not inhibit photosynthesis of the green alga Desmodesmus armatus in vivo but interacts with the photosynthetic apparatus of isolated spinach thylakoids in vitro. Photosynthesis Research, 2018, 137, 403-420.	2.9	4
26	Phosphoric acid pretreatment enhances the specific surface areas of biochars by generation of micropores. Environmental Pollution, 2018, 240, 1-9.	7.5	181
27	Overlooked Risks of Biochars: Persistent Free Radicals trigger Neurotoxicity in Caenorhabditis elegans. Environmental Science & Technology, 2018, 52, 7981-7987.	10.0	75
28	Aquatic Animal Nutrition. , 2018, , .		26
29	Physi-chemical and sorption properties of biochars prepared from peanut shell using thermal pyrolysis and microwave irradiation. Environmental Pollution, 2017, 227, 372-379.	7.5	58
30	Distribution and UV protection strategies of zooplankton in clear and glacier-fed alpine lakes. Scientific Reports, 2017, 7, 4487.	3.3	20
31	Natural Marine and Synthetic Xenobiotics Get on Nematodeâ€™s Nerves: Neuro-Stimulating and Neurotoxic Findings in Caenorhabditis elegans. Marine Drugs, 2015, 13, 2785-2812.	4.6	12
32	Low concentrations of dibromoacetic acid and N-nitrosodimethylamine induce several stimulatory effects in the invertebrate model Caenorhabditis elegans. Chemosphere, 2015, 124, 122-128.	8.2	4
33	Adsorbable organic bromine compounds (AOBr) in aquatic samples: a nematode-based toxicogenomic assessment of the exposure hazard. Environmental Science and Pollution Research, 2015, 22, 14862-14873.	5.3	0
34	Cyanobacterial Xenobiotics as Evaluated by a Caenorhabditis elegans Neurotoxicity Screening Test. International Journal of Environmental Research and Public Health, 2014, 11, 4589-4606.	2.6	29
35	UV-induced DNA damage in Cyclops abyssorum tatricus populations from clear and turbid alpine lakes. Journal of Plankton Research, 2014, 36, 557-566.	1.8	34
36	Contrasting cellular stress responses of Baikalian and Palearctic amphipods upon exposure to humic substances: environmental implications. Environmental Science and Pollution Research, 2014, 21, 14124-14137.	5.3	14

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37	Plant Polyphenols. , 2014, , 87-96.e17.		3
38	Algal diets and natural xenobiotics impact energy allocation in cladocerans. II. Moina macrocopa and Moina micrura. Limnologica, 2014, 44, 23-31.	1.5	18
39	Salinity, dissolved organic carbon and water hardness affect peracetic acid (PAA) degradation in aqueous solutions. Aquacultural Engineering, 2014, 60, 35-40.	3.1	27
40	Two organobromines trigger lifespan, growth, reproductive and transcriptional changes in Caenorhabditis elegans. Environmental Science and Pollution Research, 2014, 21, 10419-10431.	5.3	8
41	Neurotoxic action of microcystin-LR is reflected in the transcriptional stress response of Caenorhabditis elegans. Chemico-Biological Interactions, 2014, 223, 51-57.	4.0	19
42	Neurotoxic evaluation of two organobromine model compounds and natural AOBr-containing surface water samples by a Caenorhabditis elegans test. Ecotoxicology and Environmental Safety, 2014, 104, 194-201.	6.0	22
43	NOM as Natural Xenobiotics. ACS Symposium Series, 2014, , 115-144.	0.5	3
44	Natural xenobiotics to prevent cyanobacterial and algal growth in freshwater: Contrasting efficacy of tannic acid, gallic acid, and gramine. Chemosphere, 2014, 104, 212-220.	8.2	63
45	Interaction of temperature and an environmental stressor: Moina macrocopa responds with increased body size, increased lifespan, and increased offspring numbers slightly above its temperature optimum. Chemosphere, 2013, 90, 2136-2141.	8.2	17
46	Toxicity of hydroquinone to different freshwater phototrophs is influenced by time of exposure and pH. Environmental Science and Pollution Research, 2013, 20, 146-154.	5.3	32
47	The non-target organism Caenorhabditis elegans withstands the impact of sulfamethoxazole. Chemosphere, 2013, 93, 2373-2380.	8.2	28
48	Algal diets and natural xenobiotics impact energy allocation in cladocerans. I. Daphnia magna. Limnologica, 2013, 43, 434-440.	1.5	16
49	Culture of the cladoceran Moina macrocopa: Mortality associated with flagellate infection. Aquaculture, 2013, 416-417, 374-379.	3.5	8
50	Hormesis and longevity with tannins: Free of charge or cost-intensive?. Chemosphere, 2013, 93, 1005-1008.	8.2	17
51	Transcript Expression Patterns Illuminate the Mechanistic Background of Hormesis in Caenorhabditis Elegans Maupas. Dose-Response, 2013, 11, dose-response.1.	1.6	5
52	The oyster genome reveals stress adaptation and complexity of shell formation. Nature, 2012, 490, 49-54.	27.8	1,966
53	Humic Substances Delay Aging of the Photosynthetic Apparatus of Chara hispida. Journal of Phycology, 2012, 48, 1522-1529.	2.3	3
54	Stress Ecology. , 2012, , .		38

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55	Meta-Analysis of Global Transcriptomics Suggests that Conserved Genetic Pathways are Responsible for Quercetin and Tannic Acid Mediated Longevity in C. elegans. Frontiers in Genetics, 2012, 3, 48.	2.3	29
56	The Nematode Caenorhabditis elegans, Stress and Aging: Identifying the Complex Interplay of Genetic Pathways Following the Treatment with Humic Substances. Frontiers in Genetics, 2012, 3, 50.	2.3	10
57	Why a Small Worm Is Not Crazy. , 2012, , 1-6.		0
58	Activation of Oxygen: Multipurpose Tool. , 2012, , 7-45.		1
59	Arms Race Between Plants and Animals: Biotransformation System. , 2012, , 61-106.		3
60	Heat Shock Proteins: The Minimal, but Universal, Stress Proteome. , 2012, , 107-130.		0
61	Not All Is in the Genes. , 2012, , 213-240.		0
62	Environmental Stresses: Ecological Driving Force and Key Player in Evolution. , 2012, , 369-386.		15
63	The Potential of Stress Response: Ecological Transcriptomics. , 2012, , 161-211.		15
64	Whatever Doesnâ€™t Kill You Might Make You Stronger: Hormesis. , 2012, , 279-294.		1
65	Multiple Stressors as Environmental Realism: Synergism or Antagonism. , 2012, , 295-309.		5
66	One Stressor Prepares for the Next One to Come: Cross-Tolerance. , 2012, , 311-325.		2
67	Longevity: Risky Shift in Population Structure?. , 2012, , 327-343.		0
68	Leaf litter leachates have the potential to increase lifespan, body size, and offspring numbers in a clone of Moina macrocopa. Chemosphere, 2012, 86, 883-890.	8.2	16
69	Does quinone or phenol enrichment of humic substances alter the primary compound from a non-algicidal to an algicidal preparation?. Chemosphere, 2012, 87, 1193-1200.	8.2	14
70	Removal of bisphenol A by the freshwater green alga Monoraphidium braunii and the role of natural organic matter. Science of the Total Environment, 2012, 416, 501-506.	8.0	138
71	Antiandrogenic activity of humic substances. Science of the Total Environment, 2012, 432, 93-96.	8.0	11
72	Impact of two different humic substances on selected coccal green algae and cyanobacteriaâ€"changes in growth and photosynthetic performance. Environmental Science and Pollution Research, 2012, 19, 335-346.	5.3	36

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73	Selected coccal green algae are not affected by the humic substance HuminfeedÂ® in term of growth or photosynthetic performance. Hydrobiologia, 2012, 684, 215-224.	2.0	7
74	Organic carbon source in formulated sediments influences life traits and gene expression of Caenorhabditis elegans. Ecotoxicology, 2012, 21, 557-568.	2.4	10
75	Dissolved humic substances initiate DNA-methylation in cladocerans. Aquatic Toxicology, 2011, 105, 640-642.	4.0	45
76	Diversity of Polyphenol Action in Caenorhabditis elegans: Between Toxicity and Longevity. Journal of Natural Products, 2011, 74, 1713-1720.	3.0	98
77	Eicosanoid formation by a cytochrome P450 isoform expressed in the pharynx of Caenorhabditis elegans. Biochemical Journal, 2011, 435, 689-700.	3.7	26
78	Aerobic phosphorus release from shallow lake sediments. Science of the Total Environment, 2011, 409, 4640-4641.	8.0	13
79	Enrichment of Humic Material with Hydroxybenzene Moieties Intensifies Its Physiological Effects on the Nematode Caenorhabditis elegans. Environmental Science & Technology, 2011, 45, 8707-8715.	10.0	17
80	Hormetins, antioxidants and prooxidants: defining quercetin-, caffeic acid- and rosmarinic acid-mediated life extension in C. elegans. Biogerontology, 2011, 12, 329-347.	3.9	166
81	Natural dissolved humic substances increase the lifespan and promote transgenerational resistance to salt stress in the cladoceran Moina macrocopa. Environmental Science and Pollution Research, 2011, 18, 1004-1014.	5.3	44
82	Different natural organic matter isolates cause similar stress response patterns in the freshwater amphipod, Gammarus pulex. Environmental Science and Pollution Research, 2010, 17, 261-269.	5.3	20
83	Stress by poor food quality and exposure to humic substances: Daphnia magna responds with oxidative stress, lifespan extension, but reduced offspring numbers. Hydrobiologia, 2010, 652, 223-236.	2.0	55
84	The Longevity Effect of Tannic Acid in Caenorhabditis elegans: Disposable Soma Meets Hormesis. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 626-635.	3.6	54
85	Exposure to humic material modulates life history traits of the cladoceransMoina macrocopaandMoina micrura. Chemistry and Ecology, 2010, 26, 135-143.	1.6	15
86	Modulation of longevity in Daphnia magna by food quality and simultaneous exposure to dissolved humic substances. Limnologica, 2010, 40, 86-91.	1.5	41
87	Can dissolved aquatic humic substances reduce the toxicity of ammonia and nitrite in recirculating aquaculture systems?. Aquaculture, 2010, 306, 378-383.	3.5	31
88	Catechin induced longevity in C. elegans: From key regulator genes to disposable soma. Mechanisms of Ageing and Development, 2009, 130, 477-486.	4.6	122
89	Gene expression profiling to characterize sediment toxicity â€“ a pilot study using Caenorhabditis elegans whole genome microarrays. BMC Genomics, 2009, 10, 160.	2.8	68
90	Can acclimation of amphipods change their antioxidative response?. Aquatic Ecology, 2009, 43, 1041-1045.	1.5	10

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91	Quercetin mediated lifespan extension in Caenorhabditis elegans is modulated by age-1, daf-2, sek-1 and unc-43. Biogerontology, 2009, 10, 565-578.	3.9	134
92	Cytochrome P450-dependent metabolism of PCB52 in the nematode Caenorhabditis elegans. Archives of Biochemistry and Biophysics, 2009, 488, 60-68.	3.0	30
93	RNA/protein and RNA/DNA ratios determined by flow cytometry and their relationship to growth limitation of selected planktonic algae in culture. European Journal of Phycology, 2009, 44, 297-308.	2.0	30
94	Humic substances. Environmental Science and Pollution Research, 2008, 15, 128-135.	5.3	106
95	Humic substances. Environmental Science and Pollution Research, 2008, 15, 17-22.	5.3	30
96	Humic substances in the environment with an emphasis on freshwater systems. Environmental Science and Pollution Research, 2008, 15, 15-16.	5.3	10
97	Genes and environment â€" Striking the fine balance between sophisticated biomonitoring and true functional environmental genomics. Science of the Total Environment, 2008, 400, 142-161.	8.0	103
98	Quercetin-mediated longevity in Caenorhabditis elegans: Is DAF-16 involved?. Mechanisms of Ageing and Development, 2008, 129, 611-613.	4.6	95
99	Reduction in vegetative growth of the water mold Saprolegnia parasitica (Coker) by humic substance of different qualities. Aquatic Toxicology, 2007, 83, 93-103.	4.0	75
100	Cytochrome P450s and Short-chain Dehydrogenases Mediate the Toxicogenomic Response of PCB52 in the Nematode Caenorhabditis elegans. Journal of Molecular Biology, 2007, 370, 1-13.	4.2	71
101	Natural Organic Matter Differently Modulates Growth of Two Closely Related Coccal Green Algal Species (6 pp). Environmental Science and Pollution Research, 2007, 14, 88-93.	5.3	22
102	Differential Sensitivity of a Coccal Green Algal and a Cyanobacterial Species to Dissolved Natural Organic Matter (NOM) (8 pp). Environmental Science and Pollution Research, 2007, 14, 11-18.	5.3	38
103	ESPRÂ´s Total Environment. Environmental Science and Pollution Research, 2007, 14, 1-2.	5.3	10
104	The Influence of Tributyltin Chloride and Polychlorinated Biphenyls on Swimming Behavior, Body Growth, Reproduction, and Activity of Biotransformation Enzymes inDaphnia magna. Journal of Freshwater Ecology, 2006, 21, 109-120.	1.2	10
105	Nature and Abundance of Organic Radicals in Natural Organic Matter:Â Effect of pH and Irradiation. Environmental Science & Technology, 2006, 40, 5897-5903.	10.0	125
106	Cadmium accumulation in zebrafish (Danio rerio) eggs is modulated by dissolved organic matter (DOM). Aquatic Toxicology, 2006, 79, 185-191.	4.0	35
107	Characterization of acidic mining lakes by titration curves. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2006, 29, 1356-1358.	0.1	0
108	Specific antioxidant reactions to oxidative stress promoted by natural organic matter in two amphipod species from Lake Baikal. Environmental Toxicology, 2006, 21, 104-110.	4.0	39

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109	Dissolved humic substances - ecological driving forces from the individual to the ecosystem level?. Freshwater Biology, 2006, 51, 1189-1210.	2.4	242
110	Titration Curves: A Useful Instrument for Assessing the Buffer Systems of Acidic Mining Waters (10) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	5.3	19
111	Microbial Alkalinity Production to Prevent Reacidification of Neutralized Mining Lakes. Mine Water and the Environment, 2006, 25, 204-213.	2.0	16
112	Fixation of manganese and iron in freshwater sediments through electrochemically initiated processes II: Process optimization. Aquatic Sciences, 2006, 68, 443-452.	1.5	0
113	Natural organic matter (NOM) induces oxidative stress in freshwater amphipods Gammarus lacustris Sars and Gammarus tigrinus (Sexton). Science of the Total Environment, 2006, 366, 673-681.	8.0	65
114	Ecotoxicology, where do you come from and where do you go? (2 pp). Environmental Science and Pollution Research, 2005, 12, 245-246.	5.3	7
115	COMBINED EFFECTS OF THE FUNGICIDE PROPICONAZOLE AND AGRICULTURAL RUNOFF SEDIMENTS ON THE AQUATIC BRYOPHYTE VESICULARIA DUBYANA. Environmental Toxicology and Chemistry, 2005, 24, 2285.	4.3	10
116	EXOGENOUS ALKALINE PHOSPHATASE ACTIVITY OF ALGAL CELLS DETERMINED BY FLUORIMETRIC AND FLOW CYTOMETRIC DETECTION OF SOLUBLE ENZYME PRODUCTS (4-METHYL-UMBELLIFERONE, FLUORESCEIN)1. Journal of Phycology, 2005, 41, 993-999.	2.3	8
117	Influence of a Xenobiotic Mixture (PCB and TBT) Compared to Single Substances on Swimming Behavior or Reproduction ofDaphnia magna. Clean - Soil, Air, Water, 2005, 33, 287-300.	0.6	17
118	Temporal pattern in swimming activity of two fish species (Danio rerioandLeucaspius delineatus) under chemical stress conditions. Biological Rhythm Research, 2005, 36, 263-276.	0.9	13
119	Environmental signals: Synthetic humic substances act as xeno-estrogen and affect the thyroid system of Xenopus laevis. Chemosphere, 2005, 61, 1183-1188.	8.2	36
120	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 (Cyprinus carpio). Aquatic Toxicology, 2005, 71, 49-59.	4.0	57
121	CYP35: Xenobiotically induced gene expression in the nematode Caenorhabditis elegans. Archives of Biochemistry and Biophysics, 2005, 438, 93-102.	3.0	99
122	Humic Material Induces Behavioral and Global Transcriptional Responses in the NematodeCaenorhabditis elegans. Environmental Science & Technology, 2005, 39, 8324-8332.	10.0	70
123	Impact of natural organic matter (NOM) on freshwater amphipods. Science of the Total Environment, 2004, 319, 115-121.	8.0	54
124	Fixation of manganese and iron in freshwater sediments through electrochemically initiated processes I: Principles and laboratory studies. Aquatic Sciences, 2004, 66, 95-102.	1.5	2
125	Humic substances affect physiological condition and sex ratio of swordtail (Xiphophorus helleri) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	45
126	Key site variables governing the functional characteristics of Dissolved Natural Organic Matter (DNOM) in Nordic forested catchments. Aquatic Sciences, 2004, 66, 195-210.	1.5	49

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127	Hormonelike effects of humic substances on fish, amphibians, and invertebrates. Environmental Toxicology, 2004, 19, 409-411.	4.0	28
128	Xenobiotic substances such as PCB mixtures (Aroclor 1254) and TBT can influence swimming behavior and biotransformation activity (GST) of carp (Cyprinus carpio). Environmental Toxicology, 2004, 19, 460-470.	4.0	37
129	Comparative study of microcystin-LR-induced behavioral changes of two fish species,Danio rerio andLeucaspius delineatus. Environmental Toxicology, 2004, 19, 564-570.	4.0	77
130	Photogeneration of singlet oxygen by humic substances: comparison of humic substances of aquatic and terrestrial origin. Photochemical and Photobiological Sciences, 2004, 3, 273-280.	2.9	146
131	Buffering Mechanisms in Acidic Mining Lakes â€“ A Model-Based Analysis. Aquatic Geochemistry, 2003, 9, 343-359.	1.3	42
132	Comparative effects and metabolism of two microcystins and nodularin in the brine shrimp Artemia salina. Aquatic Toxicology, 2003, 62, 219-226.	4.0	98
133	Ecology of Humic Substances in Freshwaters. , 2003, , .		146
134	Differential retention and utilization of dissolved organic carbon by bacteria in river sediments. Limnology and Oceanography, 2002, 47, 1702-1711.	3.1	131
135	Enhanced growth and reproduction of Caenorhabditis elegans (Nematoda) in the presence of 4-Nonylphenol. Environmental Pollution, 2002, 120, 169-172.	7.5	39
136	Further Evidence that Humic Substances Have the Potential to Modulate the Reproduction of the Nematode Caenorhabditis elegans. International Review of Hydrobiology, 2002, 87, 121.	0.9	18
137	RELATIONSHIPS BETWEEN LITTORAL DIATOMS AND THEIR CHEMICAL ENVIRONMENT IN NORTHEASTERN GERMAN LAKES AND RIVERS1. Journal of Phycology, 2002, 38, 66-89.	2.3	98
138	Interaction of cadmium toxicity in embryos and larvae of zebrafish (Danio rerio) with calcium and humic substances. Aquatic Toxicology, 2001, 54, 205-215.	4.0	72
139	Applying the Concept of Partially Ordered Sets on the Ranking of Near-Shore Sediments by a Battery of Tests. Journal of Chemical Information and Computer Sciences, 2001, 41, 918-925.	2.8	144
140	Refractory dissolved organic matter can influence the reproduction ofCaenorhabditis elegans(Nematoda). Freshwater Biology, 2001, 46, 1-10.	2.4	71
141	Uptake, effects, and metabolism of cyanobacterial toxins in the emergent reed plant Phragmites australis (Cav.) Trin. ex steud. Environmental Toxicology and Chemistry, 2001, 20, 846-852.	4.3	145
142	Toxicity of cadmium to Caenorhabditis elegans (Nematoda) in whole sediment and pore waterâ€"the ambiguous role of organic matter. Environmental Toxicology and Chemistry, 2001, 20, 2794-2801.	4.3	56
143	Dissolved Humic Substances Can Directly Affect Freshwater Organisms. Clean - Soil, Air, Water, 2001, 29, 34-40.	0.6	31
144	Ambiguous Ecological Control by Dissolved Humic Matter (DHM) and Natural Organic Matter (NOM): Trade-offs between Specific and Non-specific EffectsWe dedicate this paper to Prof. Dr. Fritz H. Frimmel on the occasion of his 60th birthday anniversary.. Clean - Soil, Air, Water, 2001, 29, 399.	0.6	6

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145	Towards a Quantitative Structure Activity Relationship (QSAR) of Dissolved Humic Substances as Detoxifying Agents in Freshwaters. International Review of Hydrobiology, 2000, 85, 253-266.	0.9	30
146	Effects of tributyltin chloride (TBTCl) on detoxication enzymes in aquatic plants. Environmental Toxicology, 2000, 15, 225-233.	4.0	18
147	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. Journal of Environmental Monitoring, 2000, 2, 145-149.	2.1	12
148	GewÃsserbelastungen durch organische Stoffe. , 2000, , 93-272.		0
149	Effects of quantity, quality, and contact time of dissolved organic matter on bioconcentration of benzo[a]pyrene in the nematode Caenorhabditis elegans. Environmental Toxicology and Chemistry, 1999, 18, 459-465.	4.3	42
150	Effects of humic substances on the bioconcentration of polycyclic aromatic hydrocarbons: Correlations with spectroscopic and chemical properties of humic substances. Environmental Toxicology and Chemistry, 1999, 18, 2782-2788.	4.3	75
151	Growth and fertility of Caenorhabditis elegans (nematoda) in unpolluted freshwater sediments: Response to particle size distribution and organic content. Environmental Toxicology and Chemistry, 1999, 18, 2921-2925.	4.3	52
152	Effects of the cyanobacterial toxin microcystin-LR on detoxication enzymes in aquatic plants. Environmental Toxicology, 1999, 14, 111-115.	4.0	92
153	Uptake and effects of microcystin-LR on detoxication enzymes of early life stages of the zebra fish (Danio rerio). Environmental Toxicology, 1999, 14, 89-95.	4.0	190
154	EFFECTS OF QUANTITY, QUALITY, AND CONTACT TIME OF DISSOLVED ORGANIC MATTER ON BIOCONCENTRATION OF BENZO[a]PYRENE IN THE NEMATODE CAENORHABDITIS ELEGANS. Environmental Toxicology and Chemistry, 1999, 18, 459.	4.3	4
155	Identification of an enzymatically formed glutathione conjugate of the cyanobacterial hepatotoxin microcystin-LR: the first step of detoxication. Biochimica Et Biophysica Acta - General Subjects, 1998, 1425, 527-533.	2.4	493
156	GlutathioneS-Transferase Activity in Aquatic Macrophytes with Emphasis on Habitat Dependence. Ecotoxicology and Environmental Safety, 1998, 40, 226-233.	6.0	20
157	Effects of microcystin-LR and cyanobacterial crude extracts on embryo-larval development of zebrafish (Danio rerio). Water Research, 1997, 31, 2918-2921.	11.3	136
158	PCBs and PCDD/Fs in lake sediments of GroÃŸer Arbersee, Bavarian Forest, South Germany. Environmental Pollution, 1997, 95, 19-25.	7.5	38
159	Effects of atrazine on swimming behavior of zebrafish, Brachydanio rerio. Water Research, 1995, 29, 981-985.	11.3	100
160	Regulatory Impacts of Humic Substances in Lakes. , 0, , 153-196.		1