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	The oyster genome reveals stress adaptation and complexity of shell formation. Nature, 2012, 490, 49-54.	27.8	1,966
2	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
3	Dissolved humic substances - ecological driving forces from the individual to the ecosystem level?. Freshwater Biology, 2006, 51, 1189-1210.	2.4	242
4	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
5	Phosphoric acid pretreatment enhances the specific surface areas of biochars by generation of micropores. Environmental Pollution, 2018, 240, 1-9.	7.5	181
6	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
7	Sustainable aquaculture requires environmentalâ€friendly treatment strategies for fish diseases. Reviews in Aquaculture, 2020, 12, 943-965.	9.0	159
8	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
9	Ecology of Humic Substances in Freshwaters. , 2003, , .		146
10	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
11	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
12	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
13	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
14	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
15	Differential retention and utilization of dissolved organic carbon by bacteria in river sediments. Limnology and Oceanography, 2002, 47, 1702-1711.	3.1	131
16	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
17	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
18	Humic substances. Environmental Science and Pollution Research, 2008, 15, 128-135.	5.3	106

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19	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
20	Effects of atrazine on swimming behavior of zebrafish, Brachydanio rerio. Water Research, 1995, 29, 981-985.	11.3	100
21	CYP35: Xenobiotically induced gene expression in the nematode Caenorhabditis elegans. Archives of Biochemistry and Biophysics, 2005, 438, 93-102.	3.0	99
22	RELATIONSHIPS BETWEEN LITTORAL DIATOMS AND THEIR CHEMICAL ENVIRONMENT IN NORTHEASTERN GERMAN LAKES AND RIVERS1. Journal of Phycology, 2002, 38, 66-89.	2.3	98
23	Comparative effects and metabolism of two microcystins and nodularin in the brine shrimp Artemia salina. Aquatic Toxicology, 2003, 62, 219-226.	4.0	98
24	Diversity of Polyphenol Action in Caenorhabditis elegans: Between Toxicity and Longevity. Journal of Natural Products, 2011, 74, 1713-1720.	3.0	98
25	Quercetin-mediated longevity in Caenorhabditis elegans: Is DAF-16 involved?. Mechanisms of Ageing and Development, 2008, 129, 611-613.	4.6	95
26	Effects of the cyanobacterial toxin microcystin-LR on detoxication enzymes in aquatic plants. Environmental Toxicology, 1999, 14, 111-115.	4.0	92
27	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
28	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
29	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
30	Overlooked Risks of Biochars: Persistent Free Radicals trigger Neurotoxicity in Caenorhabditis elegans. Environmental Science & Technology, 2018, 52, 7981-7987.	10.0	75
31	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
32	Refractory dissolved organic matter can influence the reproduction ofCaenorhabditis elegans(Nematoda). Freshwater Biology, 2001, 46, 1-10.	2.4	71
33	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
34	Humic Material Induces Behavioral and Global Transcriptional Responses in the NematodeCaenorhabditis elegans. Environmental Science & Technology, 2005, 39, 8324-8332.	10.0	70
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	Impact of natural organic matter (NOM) on freshwater amphipods. Science of the Total Environment, 2004, 319, 115-121.	8.0	54
43	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
44	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
45	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
46	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
47	Humic substances affect physiological condition and sex ratio of swordtail (Xiphophorus helleri) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	45
48	Dissolved humic substances initiate DNA-methylation in cladocerans. Aquatic Toxicology, 2011, 105, 640-642.	4.0	45
49	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
50	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
51	Buffering Mechanisms in Acidic Mining Lakes â€“ A Model-Based Analysis. Aquatic Geochemistry, 2003, 9, 343-359.	1.3	42
52	Modulation of longevity in Daphnia magna by food quality and simultaneous exposure to dissolved humic substances. Limnologica, 2010, 40, 86-91.	1.5	41
53	Enhanced growth and reproduction of Caenorhabditis elegans (Nematoda) in the presence of 4-Nonylphenol. Environmental Pollution, 2002, 120, 169-172.	7.5	39
54	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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55	PCBs and PCDD/Fs in lake sediments of GroÃŸer Arbersee, Bavarian Forest, South Germany. Environmental Pollution, 1997, 95, 19-25.	7.5	38
56	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
57	Stress Ecology. , 2012, , .		38
58	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
59	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
60	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
61	Cadmium accumulation in zebrafish (Danio rerio) eggs is modulated by dissolved organic matter (DOM). Aquatic Toxicology, 2006, 79, 185-191.	4.0	35
62	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
63	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
64	Dissolved Humic Substances Can Directly Affect Freshwater Organisms. Clean - Soil, Air, Water, 2001, 29, 34-40.	0.6	31
65	Can dissolved aquatic humic substances reduce the toxicity of ammonia and nitrite in recirculating aquaculture systems?. Aquaculture, 2010, 306, 378-383.	3.5	31
66	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
67	Humic substances. Environmental Science and Pollution Research, 2008, 15, 17-22.	5.3	30
68	Cytochrome P450-dependent metabolism of PCB52 in the nematode Caenorhabditis elegans. Archives of Biochemistry and Biophysics, 2009, 488, 60-68.	3.0	30
69	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
70	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
71	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
72	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

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73	Hormonelike effects of humic substances on fish, amphibians, and invertebrates. Environmental Toxicology, 2004, 19, 409-411.	4.0	28
74	The non-target organism Caenorhabditis elegans withstands the impact of sulfamethoxazole. Chemosphere, 2013, 93, 2373-2380.	8.2	28
75	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
76	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
77	Salinity, dissolved organic carbon and water hardness affect peracetic acid (PAA) degradation in aqueous solutions. Aquacultural Engineering, 2014, 60, 35-40.	3.1	27
78	Eicosanoid formation by a cytochrome P450 isoform expressed in the pharynx of Caenorhabditis elegans. Biochemical Journal, 2011, 435, 689-700.	3.7	26
79	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
80	Aquatic Animal Nutrition. , 2018, , .		26
81	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
82	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
83	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
84	GlutathioneS-Transferase Activity in Aquatic Macrophytes with Emphasis on Habitat Dependence. Ecotoxicology and Environmental Safety, 1998, 40, 226-233.	6.0	20
85	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
86	Distribution and UV protection strategies of zooplankton in clear and glacier-fed alpine lakes. Scientific Reports, 2017, 7, 4487.	3.3	20
87	Titration Curves: A Useful Instrument for Assessing the Buffer Systems of Acidic Mining Waters (10) Tj ETQq1 1 0.784314 rgBT /Over	5.3	19
88	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
89	The contrasting role of minerals in biochars in bisphenol A and sulfamethoxazole sorption. Chemosphere, 2021, 264, 128490.	8.2	19
90	Effects of tributyltin chloride (TBTCl) on detoxication enzymes in aquatic plants. Environmental Toxicology, 2000, 15, 225-233.	4.0	18

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91	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
92	Algal diets and natural xenobiotics impact energy allocation in cladocerans. II. Moina macrocopa and Moina micrura. Limnologica, 2014, 44, 23-31.	1.5	18
93	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
94	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
95	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
96	Hormesis and longevity with tannins: Free of charge or cost-intensive?. Chemosphere, 2013, 93, 1005-1008.	8.2	17
97	Microbial Alkalinity Production to Prevent Reacidification of Neutralized Mining Lakes. Mine Water and the Environment, 2006, 25, 204-213.	2.0	16
98	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
99	Algal diets and natural xenobiotics impact energy allocation in cladocerans. I. Daphnia magna. Limnologica, 2013, 43, 434-440.	1.5	16
100	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
101	Exposure to humic material modulates life history traits of the cladoceransMoina macrocopaandMoina micrura. Chemistry and Ecology, 2010, 26, 135-143.	1.6	15
102	Environmental Stresses: Ecological Driving Force and Key Player in Evolution. , 2012, , 369-386.		15
103	The Potential of Stress Response: Ecological Transcriptomics. , 2012, , 161-211.		15
104	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
105	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
106	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
107	Aerobic phosphorus release from shallow lake sediments. Science of the Total Environment, 2011, 409, 4640-4641.	8.0	13
108	Organo-mineral complexes protect condensed organic matter as revealed by benzene-polycarboxylic acids. Environmental Pollution, 2020, 260, 113977.	7.5	13

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109	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
110	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
111	Antiandrogenic activity of humic substances. Science of the Total Environment, 2012, 432, 93-96.	8.0	11
112	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
113	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
114	ESPRÂ´s Total Environment. Environmental Science and Pollution Research, 2007, 14, 1-2.	5.3	10
115	Humic substances in the environment with an emphasis on freshwater systems. Environmental Science and Pollution Research, 2008, 15, 15-16.	5.3	10
116	Can acclimation of amphipods change their antioxidative response?. Aquatic Ecology, 2009, 43, 1041-1045.	1.5	10
117	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
118	Organic carbon source in formulated sediments influences life traits and gene expression of Caenorhabditis elegans. Ecotoxicology, 2012, 21, 557-568.	2.4	10
119	Protection of extractable lipid and lignin: Differences in undisturbed and cultivated soils detected by molecular markers. Chemosphere, 2018, 213, 314-322.	8.2	9
120	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
121	Culture of the cladoceran Moina macrocopa: Mortality associated with flagellate infection. Aquaculture, 2013, 416-417, 374-379.	3.5	8
122	Two organobromines trigger lifespan, growth, reproductive and transcriptional changes in Caenorhabditis elegans. Environmental Science and Pollution Research, 2014, 21, 10419-10431.	5.3	8
123	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
124	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
125	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
126	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

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127	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
128	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
129	Multiple Stressors as Environmental Realism: Synergism or Antagonism. , 2012, , 295-309.		5
130	Transcript Expression Patterns Illuminate the Mechanistic Background of Hormesis in Caenorhabditis Elegans Maupas. Dose-Response, 2013, 11, dose-response.1.	1.6	5
131	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
132	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
133	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
134	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
135	Nonstarch Polysaccharidesâ€”â€˜Neither Sweet Nor Glueyâ€”Adverse?â€™. , 2022, , 509-529.		4
136	Humic Substances Delay Aging of the Photosynthetic Apparatus of Chara hispida. Journal of Phycology, 2012, 48, 1522-1529.	2.3	3
137	Arms Race Between Plants and Animals: Biotransformation System. , 2012, , 61-106.		3
138	Plant Polyphenols. , 2014, , 87-96.e17.		3
139	NOM as Natural Xenobiotics. ACS Symposium Series, 2014, , 115-144.	0.5	3
140	Inherent Minerals Facilitated Bisphenol A Sorption by Biochar: A Key Force by Complexation. ACS ES&T Water, 2022, 2, 184-194.	4.6	3
141	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
142	One Stressor Prepares for the Next One to Come: Cross-Tolerance. , 2012, , 311-325.		2
143	The Sorption of Sulfamethoxazole by Aliphatic and Aromatic Carbons from Lignocellulose Pyrolysis. Agronomy, 2022, 12, 476.	3.0	2
144	Regulatory Impacts of Humic Substances in Lakes. , 0, , 153-196.		1

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145	Activation of Oxygen: Multipurpose Tool. , 2012, , 7-45.		1
146	Whatever Doesnâ€™t Kill You Might Make You Stronger: Hormesis. , 2012, , 279-294.		1
147	Dietary Restriction, Starvation, Compensatory Growth â€“ â€˜Short-Term Fasting Does Not Kill You: It Can Make You Strongerâ€™. , 2018, , 137-287.		1
148	Transgenerational Effects â€“ â€˜Your Offspring Will Become What You Eatâ€™. , 2018, , 333-430.		1
149	Dietary supplements and proâ€opiomelanocortin in Siniperca chuatsi â€”Letter to the Editor. Aquaculture Research, 2021, 52, 5918.	1.8	1
150	Protein Requirementâ€”â€˜Only Meat Makes You Strongâ€™. , 2022, , 11-41.		1
151	LC-PUFAs in Reproduction and Behaviorâ€”â€˜Good Copâ€“Bad Cop?â€™. , 2022, , 753-772.		1
152	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
153	Fixation of manganese and iron in freshwater sediments through electrochemically initiated processes II: Process optimization. Aquatic Sciences, 2006, 68, 443-452.	1.5	0
154	Why a Small Worm Is Not Crazy. , 2012, , 1-6.		0
155	Heat Shock Proteins: The Minimal, but Universal, Stress Proteome. , 2012, , 107-130.		0
156	Not All Is in the Genes. , 2012, , 213-240.		0
157	Longevity: Risky Shift in Population Structure?. , 2012, , 327-343.		0
158	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
159	Chrononutrition â€“ â€˜The Clock Makes Good Foodâ€™. , 2018, , 289-331.		0
160	GewÃsserbelastungen durch organische Stoffe. , 2000, , 93-272.		0