Christian Ew Steinberg

List of Publications by Citations

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	The oyster genome reveals stress adaptation and complexity of shell formation. *Nature*, **2012**, 490, 49-54	30.4	1464
183	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, 527-33	4	438
182	Dissolved humic substances ecological driving forces from the individual to the ecosystem level?. *Freshwater Biology*, **2006**, 51, 1189-1210	3.1	201
181	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	4.2	161
180	Hormetins, antioxidants and prooxidants: defining quercetin-, caffeic acid- and rosmarinic acid-mediated life extension in C. elegans. *Biogerontology*, **2011**, 12, 329-47	4.5	143
179	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, 918-25		131
178	Photogeneration of singlet oxygen by humic substances: comparison of humic substances of aquatic and terrestrial origin. *Photochemical and Photobiological Sciences*, **2004**, 3, 273-80	4.2	127
177	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	3.8	127
176	Differential retention and utilization of dissolved organic carbon by bacteria in river sediments. *Limnology and Oceanography*, **2002**, 47, 1702-1711	4.8	124
175	Effects of microcystin-LR and cyanobacterial crude extracts on embryo-larval development of zebrafish (Danio rerio). *Water Research*, **1997**, 31, 2918-2921	12.5	121
174	Ecology of Humic Substances in Freshwaters **2003**,		115
173	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, 501-6	10.2	109
172	Catechin induced longevity in C. elegans: from key regulator genes to disposable soma. *Mechanisms of Ageing and Development*, **2009**, 130, 477-86	5.6	109
171	Quercetin mediated lifespan extension in Caenorhabditis elegans is modulated by age-1, daf-2, sek-1 and unc-43. *Biogerontology*, **2009**, 10, 565-78	4.5	107
170	Genes and environment - striking the fine balance between sophisticated biomonitoring and true functional environmental genomics. *Science of the Total Environment*, **2008**, 400, 142-61	10.2	99
169	Nature and abundance of organic radicals in natural organic matter: effect of pH and irradiation. *Environmental Science & Technology*, **2006**, 40, 5897-903	10.3	96
168	Phosphoric acid pretreatment enhances the specific surface areas of biochars by generation of micropores. *Environmental Pollution*, **2018**, 240, 1-9	9.3	90

167	CYP35: xenobiotically induced gene expression in the nematode Caenorhabditis elegans. *Archives of Biochemistry and Biophysics*, **2005**, 438, 93-102	4.1	89
166	Humic substances. Part 2: Interactions with organisms. *Environmental Science and Pollution Research*, **2008**, 15, 128-35	5.1	87
165	RELATIONSHIPS BETWEEN LITTORAL DIATOMS AND THEIR CHEMICAL ENVIRONMENT IN NORTHEASTERN GERMAN LAKES AND RIVERS1. *Journal of Phycology*, **2002**, 38, 66-89	3	87
164	Comparative effects and metabolism of two microcystins and nodularin in the brine shrimp Artemia salina. *Aquatic Toxicology*, **2003**, 62, 219-26	5.1	86
163	Effects of the cyanobacterial toxin microcystin-LR on detoxication enzymes in aquatic plants. *Environmental Toxicology*, **1999**, 14, 111-115	4.2	85
162	Effects of atrazine on swimming behavior of zebrafish, Brachydanio rerio. *Water Research*, **1995**, 29, 981-985	4.5	83
161	Diversity of polyphenol action in Caenorhabditis elegans: between toxicity and longevity. *Journal of Natural Products*, **2011**, 74, 1713-20	4.9	80
160	Quercetin-mediated longevity in Caenorhabditis elegans: is DAF-16 involved?. *Mechanisms of Ageing and Development*, **2008**, 129, 611-3	5.6	77
159	Comparative study of microcystin-LR-induced behavioral changes of two fish species, Danio rerio and Leucaspius delineatus. *Environmental Toxicology*, **2004**, 19, 564-70	4.2	72
158	Sustainable aquaculture requires environmental-friendly treatment strategies for fish diseases. *Reviews in Aquaculture*, **2020**, 12, 943-965	8.9	71
157	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	3.8	68
156	Humic material induces behavioral and global transcriptional responses in the nematode Caenorhabditis elegans. *Environmental Science & Technology*, **2005**, 39, 8324-32	10.3	65
155	Interaction of cadmium toxicity in embryos and larvae of zebrafish (Danio rerio) with calcium and humic substances. *Aquatic Toxicology*, **2001**, 54, 205-15	5.1	64
154	Gene expression profiling to characterize sediment toxicity--a pilot study using Caenorhabditis elegans whole genome microarrays. *BMC Genomics*, **2009**, 10, 160	4.5	61
153	Reduction in vegetative growth of the water mold Saprolegnia parasitica (Coker) by humic substance of different qualities. *Aquatic Toxicology*, **2007**, 83, 93-103	5.1	61
152	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	6.5	61
151	Natural organic matter (NOM) induces oxidative stress in freshwater amphipods Gammarus lacustris Sars and Gammarus tigrinus (Sexton). *Science of the Total Environment*, **2006**, 366, 673-81	10.2	56
150	Impact of natural organic matter (NOM) on freshwater amphipods. *Science of the Total Environment* , **2004**, 319, 115-21	10.2	52

149	Refractory dissolved organic matter can influence the reproduction of Caenorhabditis elegans (Nematoda). *Freshwater Biology*, **2001**, 46, 1-10	3.1	52
148	The longevity effect of tannic acid in Caenorhabditis elegans: Disposable Soma meets hormesis. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2010**, 65, 626-35	6.4	50
147	Toxicity of cadmium to Caenorhabditis elegans (Nematoda) in whole sediment and pore water□he ambiguous role of organic matter. *Environmental Toxicology and Chemistry*, **2001**, 20, 2794-2801	3.8	50
146	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	5.1	48
145	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	2.4	47
144	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	3.8	46
143	Key site variables governing the functional characteristics of Dissolved Natural Organic Matter (DNOM) in Nordic forested catchments. *Aquatic Sciences*, **2004**, 66, 195-210	2.5	45
142	Natural xenobiotics to prevent cyanobacterial and algal growth in freshwater: contrasting efficacy of tannic acid, gallic acid, and gramine. *Chemosphere*, **2014**, 104, 212-20	8.4	43
141	Humic substances affect physiological condition and sex ratio of swordtail (Xiphophorus helleri Heckel). *Aquatic Sciences*, **2004**, 66, 239-245	2.5	41
140	Overlooked Risks of Biochars: Persistent Free Radicals trigger Neurotoxicity in Caenorhabditis elegans. *Environmental Science & Technology*, **2018**, 52, 7981-7987	10.3	40
139	Physi-chemical and sorption properties of biochars prepared from peanut shell using thermal pyrolysis and microwave irradiation. *Environmental Pollution*, **2017**, 227, 372-379	9.3	39
138	Enhanced growth and reproduction of Caenorhabditis elegans (Nematoda) in the presence of 4-nonylphenol. *Environmental Pollution*, **2002**, 120, 169-72	9.3	39
137	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	3.8	39
136	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, 1004-14	5.1	37
135	Specific antioxidant reactions to oxidative stress promoted by natural organic matter in two amphipod species from Lake Baikal. *Environmental Toxicology*, **2006**, 21, 104-10	4.2	36
134	Modulation of longevity in Daphnia magna by food quality and simultaneous exposure to dissolved humic substances. *Limnologica*, **2010**, 40, 86-91	2	35
133	Environmental signals: synthetic humic substances act as xeno-estrogen and affect the thyroid system of Xenopus laevis. *Chemosphere*, **2005**, 61, 1183-8	8.4	34
132	Buffering Mechanisms in Acidic Mining Lakes □A Model-Based Analysis. *Aquatic Geochemistry*, **2003**, 9, 343-359	1.7	34

131	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, 460-70	4.2	33
130	Dissolved humic substances initiate DNA-methylation in cladocerans. *Aquatic Toxicology*, **2011**, 105, 640-2	3.1	32
129	PCBs and PCDD/Fs in lake sediments of Grosser Arbersee, Bavarian Forest, South Germany. *Environmental Pollution*, **1997**, 95, 19-25	9.3	32
128	Impact of two different humic substances on selected coccal green algae and cyanobacteria--changes in growth and photosynthetic performance. *Environmental Science and Pollution Research*, **2012**, 19, 335-46	5.1	31
127	Stress Ecology **2012**,		30
126	Cadmium accumulation in zebrafish (Danio rerio) eggs is modulated by dissolved organic matter (DOM). *Aquatic Toxicology*, **2006**, 79, 185-91	5.1	30
125	Dissolved Humic Substances Can Directly Affect Freshwater Organisms. *Clean - Soil, Air, Water*, **2001**, 29, 34-40		29
124	The relative importance of different carbon structures in biochars to carbamazepine and bisphenol A sorption. *Journal of Hazardous Materials*, **2019**, 373, 106-114	12.8	28
123	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 Suppl 1, 11-8	5.1	28
122	UV-induced DNA damage in populations from clear and turbid alpine lakes. *Journal of Plankton Research*, **2014**, 36, 557-566	2.2	26
121	The non-target organism Caenorhabditis elegans withstands the impact of sulfamethoxazole. *Chemosphere*, **2013**, 93, 2373-80	8.4	24
120	Humic substances. Part 1: Dissolved humic substances (HS) in aquaculture and ornamental fish breeding. *Environmental Science and Pollution Research*, **2008**, 15, 17-22	5.1	24
119	Cyanobacterial xenobiotics as evaluated by a Caenorhabditis elegans neurotoxicity screening test. *International Journal of Environmental Research and Public Health*, **2014**, 11, 4589-606	4.6	23
118	Hormonelike effects of humic substances on fish, amphibians, and invertebrates. *Environmental Toxicology*, **2004**, 19, 409-11	4.2	23
117	Towards a Quantitative Structure Activity Relationship (QSAR) of Dissolved Humic Substances as Detoxifying Agents in Freshwaters. *International Review of Hydrobiology*, **2000**, 85, 253-266	2.3	23
116	Aquatic Animal Nutrition **2018**,		23
115	Toxicity of hydroquinone to different freshwater phototrophs is influenced by time of exposure and pH. *Environmental Science and Pollution Research*, **2013**, 20, 146-54	5.1	22
114	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	4.5	22

113	Eicosanoid formation by a cytochrome P450 isoform expressed in the pharynx of Caenorhabditis elegans. *Biochemical Journal*, **2011**, 435, 689-700	3.8	22
112	Cytochrome P450-dependent metabolism of PCB52 in the nematode Caenorhabditis elegans. *Archives of Biochemistry and Biophysics*, **2009**, 488, 60-8	4.1	22
111	Salinity, dissolved organic carbon and water hardness affect peracetic acid (PAA) degradation in aqueous solutions. *Aquacultural Engineering*, **2014**, 60, 35-40	3	21
110	Can dissolved aquatic humic substances reduce the toxicity of ammonia and nitrite in recirculating aquaculture systems?. *Aquaculture*, **2010**, 306, 378-383	4.4	21
109	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	7	20
108	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	2.2	20
107	Benzene polycarboxylic acid - A useful marker for condensed organic matter, but not for only pyrogenic black carbon. *Science of the Total Environment*, **2018**, 626, 660-667	10.2	19
106	Different natural organic matter isolates cause similar stress response patterns in the freshwater amphipod, Gammarus pulex. *Environmental Science and Pollution Research*, **2010**, 17, 261-9	5.1	19
105	Natural organic matter differently modulates growth of two closely related coccal green algal species. *Environmental Science and Pollution Research*, **2007**, 14, 88-93	5.1	19
104	Distribution and UV protection strategies of zooplankton in clear and glacier-fed alpine lakes. *Scientific Reports*, **2017**, 7, 4487	4.9	17
103	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, 2136-41	8.4	16
102	Hormesis and longevity with tannins: free of charge or cost-intensive?. *Chemosphere*, **2013**, 93, 1005-8	8.4	16
101	Enrichment of humic material with hydroxybenzene moieties intensifies its physiological effects on the nematode Caenorhabditis elegans. *Environmental Science & Technology*, **2011**, 45, 8707-15	10.3	16
100	Further Evidence that Humic Substances Have the Potential to Modulate the Reproduction of the Nematode Caenorhabditis elegans. *International Review of Hydrobiology*, **2002**, 87, 121	2.3	16
99	Neurotoxic action of microcystin-LR is reflected in the transcriptional stress response of Caenorhabditis elegans. *Chemico-Biological Interactions*, **2014**, 223, 51-7	5	15
98	Algal diets and natural xenobiotics impact energy allocation in cladocerans. II. Moina macrocopa and Moina micrura. *Limnologica*, **2014**, 44, 23-31	2	15
97	Leaf litter leachates have the potential to increase lifespan, body size, and offspring numbers in a clone of Moina macrocopa. *Chemosphere*, **2012**, 86, 883-90	8.4	15
96	Titration curves: a useful instrument for assessing the buffer systems of acidic mining waters. *Environmental Science and Pollution Research*, **2006**, 13, 215-24	5.1	15

95	Microbial Alkalinity Production to Prevent Reacidification of Neutralized Mining Lakes. *Mine Water and the Environment*, **2006**, 25, 204-213	2.4	15
94	Effects of tributyltin chloride (TBTCl) on detoxication enzymes in aquatic plants. *Environmental Toxicology*, **2000**, 15, 225-233	4.2	15
93	Glutathione S-transferase activity in aquatic macrophytes with emphasis on habitat dependence. *Ecotoxicology and Environmental Safety*, **1998**, 40, 226-33	7	15
92	Can the properties of engineered nanoparticles be indicative of their functions and effects in plants?. *Ecotoxicology and Environmental Safety*, **2020**, 205, 111128	7	15
91	Algal diets and natural xenobiotics impact energy allocation in cladocerans. I. Daphnia magna. *Limnologica*, **2013**, 43, 434-440	2	14
90	Does quinone or phenol enrichment of humic substances alter the primary compound from a non-algicidal to an algicidal preparation?. *Chemosphere*, **2012**, 87, 1193-200	8.4	14
89	Contrasting cellular stress responses of Baikalian and Palearctic amphipods upon exposure to humic substances: environmental implications. *Environmental Science and Pollution Research*, **2014**, 21, 14124-37	5.1	13
88	Exposure to humic material modulates life history traits of the cladocerans Moina macrocopa and Moina micrura. *Chemistry and Ecology*, **2010**, 26, 135-143	2.3	13
87	Influence of a Xenobiotic Mixture (PCB and TBT) Compared to Single Substances on Swimming Behavior or Reproduction of Daphnia magna. *Clean - Soil, Air, Water*, **2005**, 33, 287-300		13
86	Temporal pattern in swimming activity of two fish species (Danio rerio and Leucaspius delineatus) under chemical stress conditions. *Biological Rhythm Research*, **2005**, 36, 263-276	0.8	11
85	The contrasting role of minerals in biochars in bisphenol A and sulfamethoxazole sorption. *Chemosphere*, **2021**, 264, 128490	8.4	11
84	Organic carbon source in formulated sediments influences life traits and gene expression of Caenorhabditis elegans. *Ecotoxicology*, **2012**, 21, 557-68	2.9	10
83	Aerobic phosphorus release from shallow lake sediments. *Science of the Total Environment*, **2011**, 409, 4640-1; author reply 4642-3	10.2	10
82	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, 145-9		10
81	Antiandrogenic activity of humic substances. *Science of the Total Environment*, **2012**, 432, 93-6	10.2	9
80	Natural Marine and Synthetic Xenobiotics Get on Nematode's Nerves: Neuro-Stimulating and Neurotoxic Findings in Caenorhabditis elegans. *Marine Drugs*, **2015**, 13, 2785-812	6	9
79	Environmental Stresses: Ecological Driving Force and Key Player in Evolution **2012**, 369-386		9
78	Can acclimation of amphipods change their antioxidative response?. *Aquatic Ecology*, **2009**, 43, 1041-1045	1.9	9

77	Combined effects of the fungicide propiconazole and agricultural runoff sediments on the aquatic bryophyte Vesicularia dubyana. *Environmental Toxicology and Chemistry*, **2005**, 24, 2285-90	3.8	8
76	Reaction of Substituted Phenols with Lignin Char: Dual Oxidative and Reductive Pathways Depending on Substituents and Conditions. *Environmental Science & Technology*, **2020**, 54, 15811-15820	10.3	8
75	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	4.9	8
74	Two organobromines trigger lifespan, growth, reproductive and transcriptional changes in Caenorhabditis elegans. *Environmental Science and Pollution Research*, **2014**, 21, 10419-31	5.1	7
73	Selected coccal green algae are not affected by the humic substance Huminfeed in term of growth or photosynthetic performance. *Hydrobiologia*, **2012**, 684, 215-224	2.4	7
72	Humic substances in the environment with an emphasis on freshwater systems. *Environmental Science and Pollution Research*, **2008**, 15, 15-6	5.1	7
71	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	3	7
70	Organo-mineral complexes protect condensed organic matter as revealed by benzene-polycarboxylic acids. *Environmental Pollution*, **2020**, 260, 113977	9.3	6
69	The Influence of Tributyltin Chloride and Polychlorinated Biphenyls on Swimming Behavior, Body Growth, Reproduction, and Activity of Biotransformation Enzymes in Daphnia magna. *Journal of Freshwater Ecology*, **2006**, 21, 109-120	1.4	6
68	Ambiguous Ecological Control by Dissolved Humic Matter (DHM) and Natural Organic Matter (NOM): Trade-offs between Specific and Non-specific Effects. *Clean - Soil, Air, Water*, **2001**, 29, 399		6
67	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	10.2	6
66	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	4.5	5
65	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	10.2	4
64	Culture of the cladoceran Moina macrocopa: Mortality associated with flagellate infection. *Aquaculture*, **2013**, 416-417, 374-379	4.4	4
63	Multiple Stressors as Environmental Realism: Synergism or Antagonism **2012**, 295-309		4
62	ESPR s Total Environment. *Environmental Science and Pollution Research*, **2007**, 14 Suppl 1, 1-2	5.1	4
61	Protection of extractable lipid and lignin: Differences in undisturbed and cultivated soils detected by molecular markers. *Chemosphere*, **2018**, 213, 314-322	8.4	4
60	Low concentrations of dibromoacetic acid and N-nitrosodimethylamine induce several stimulatory effects in the invertebrate model Caenorhabditis elegans. *Chemosphere*, **2015**, 124, 122-8	8.4	3

59	Humic Substances Delay Aging of the Photosynthetic Apparatus of Chara hispida. *Journal of Phycology*, **2012**, 48, 1522-9	3	3
58	Arms Race Between Plants and Animals: Biotransformation System **2012**, 61-106		3
57	Transcript expression patterns illuminate the mechanistic background of hormesis in caenorhabditis elegans maupas. *Dose-Response*, **2013**, 11, 558-76	2.3	3
56	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	3.7	3
55	NOM as Natural Xenobiotics. *ACS Symposium Series*, **2014**, 115-144	0.4	2
54	The Potential of Stress Response: Ecological Transcriptomics **2012**, 161-211		2
53	Fixation of manganese and iron in freshwater sediments through electrochemically initiated processes I: Principles and laboratory studies. *Aquatic Sciences*, **2004**, 66, 95-102	2.5	2
52	. *Environmental Toxicology and Chemistry*, **1999**, 18, 459	3.8	2
51	Fulvic acid accelerates hatching and stimulates antioxidative protection and the innate immune response in zebrafish larvae. *Science of the Total Environment*, **2021**, 796, 148780	10.2	2
50	Plant Polyphenols **2014**, 87-96.e17		1
49	Activation of Oxygen: Multipurpose Tool **2012**, 7-45		1
48	Regulatory Impacts of Humic Substances in Lakes153-196		1
47	Protein Sparing by Lipids Learning from Wild Conspecifics **2022**, 599-632		1
46	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	2.9	1
45	Dietary supplements and pro-opiomelanocortin in Siniperca chuatsi Letter to the Editor. *Aquaculture Research*, **2021**, 52, 5918	1.9	1
44	Dietary Restriction, Starvation, Compensatory Growth Short-Term Fasting Does Not Kill You: It Can Make You Stronger **2018**, 137-287		1
43	Whatever Doesn Kill You Might Make You Stronger: Hormesis **2012**, 279-294		0
42	One Stressor Prepares for the Next One to Come: Cross-Tolerance **2012**, 311-325		0

41	Essential Fatty Acids: Fueling Versus Controlling? **2022**, 673-721		0
40	LC-PUFAs in Reproduction and Behavior: Good Cop, Bad Cop? **2022**, 753-772		0
39	Nonstarch Polysaccharides: Neither Sweet Nor Gluey, Adverse? **2022**, 509-529		0
38	Inherent Minerals Facilitated Bisphenol A Sorption by Biochar: A Key Force by Complexation. *ACS ES&T Water*, **2022**, 2, 184-194		0
37	Vitamin E: Keep Stress Away! **2022**, 927-949		0
36	Reproducibility of Aerobic Granules in Treating Low-Strength and Low-C/N-Ratio Wastewater and Associated Microbial Community Structure. *Processes*, **2022**, 10, 444	2.9	0
35	Modification of the chemically induced inflammation assay reveals the Janus face of a phenol rich fulvic acid.. *Scientific Reports*, **2022**, 12, 5886	4.9	0
34	Adsorbable organic bromine compounds (AOBr) in aquatic samples: a nematode-based toxicogenomic assessment of the exposure hazard. *Environmental Science and Pollution Research*, **2015**, 22, 14862-73	5.1	
33	Why a Small Worm Is Not Crazy **2012**, 1-6		
32	Heat Shock Proteins: The Minimal, but Universal, Stress Proteome **2012**, 107-130		
31	Not All Is in the Genes **2012**, 213-240		
30	Longevity: Risky Shift in Population Structure? **2012**, 327-343		
29	Fixation of manganese and iron in freshwater sediments through electrochemically initiated processes II: Process optimization. *Aquatic Sciences*, **2006**, 68, 443-452	2.5	
28	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		
27	Interaktionen von Huminstoffen mit Organismen in Binnengewässern **2004**, 1-32		
26	Biogeochemische Regulation in limnischen Ökosystemen: Zur ökologischen Bedeutung von Huminstoffen **2004**, 1-198		
25	Wirkung subakuter PCB-Exposition (Aroclor 1254) auf Sauerstoffverbrauch, Schwimmbewegung und Biotransformation (GST-Aktivität) des Karpfens (Cyprinus carpio). *Environmental Sciences Europe*, **2005**, 17, 133-145		
24	Intraspecific Variability: The Apple May Be a PineApple! **2022**, 1037-1062		

23 Aquatic Animal Nutrition: Organic Macro- and Micronutrients□Do Blind Men and Their Elephant Get Wet Feet?□**2022**, 1-10

22 Oligosaccharides□Sweet or Healthy Promises□**2022**, 455-472

21 Vitamin B Complex□Do These Compounds Keep Veterinarians Away?□**2022**, 839-866

20 Lipids□The Greasy, Unhealthy Stuff□**2022**, 531-582

19 Peptides or Amino Acids?□The Smaller, the Better?□**2022**, 61-77

18 Sulfur Amino Acids□Much More than Easy Fuel□**2022**, 163-192

17 Glucose Intolerance□Life's Real Luxury?□**2022**, 329-348

16 Glucose Homeostasis□Life's Little Luxury Balanced□**2022**, 303-328

15 Fatty Acids□Fueling Versus Steering□**2022**, 633-672

14 Protein Requirement□Only Meat Makes You Strong□**2022**, 11-41

13 Nonprotein Amino Acids□Fuel at All?□**2022**, 243-261

12 Regulatory Potential of Carbohydrates□Life's Little Luxury Controls□**2022**, 435-454

11 Taurine□Controlling Rather than Fueling□**2022**, 223-242

10 Nucleotides□Only for Fitness Fans?□**2022**, 961-989

9 Utilization of Proteinaceous Nutrients□Becoming Strong with Meat□**2022**, 43-60

8 The Versatile Amino Acid: Tryptophan□More Controlling than Fueling□**2022**, 117-137

7 Enzymes□Digestive Assistance from Aliens□**2022**, 991-1036

6 Vitamin C□An Apple a Day Keeps the Veterinarian Away□**2022**, 867-908

5 Basic Amino Acids and Prolines Again: Much More than Easy Fuel **2022**, 193-221

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3 Chrononutrition The Clock Makes Good Food **2018**, 289-331

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