

Do nanoparticles present ecotoxicological risks for the environment?

Environment International

32, 967-976

DOI: [10.1016/j.envint.2006.06.014](https://doi.org/10.1016/j.envint.2006.06.014)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Nanotechnology and Nanotoxicology. <i>Toxicological Reviews</i> , 2006, 25, 245-260.	2.5	95
2	Nanotechnology and Related Safety Issues for Delivery of Active Ingredients in Cosmetics. <i>MRS Bulletin</i> , 2007, 32, 779-786.	1.7	19
3	Occurrence, behavior and effects of nanoparticles in the environment. <i>Environmental Pollution</i> , 2007, 150, 5-22.	3.7	1,915
4	BioNanotechnology. <i>Synthesis Lectures on Biomedical Engineering</i> , 2007, 2, 1-139.	0.1	24
5	Exposure to Copper Nanoparticles Causes Gill Injury and Acute Lethality in Zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1050-1058.	4.6	520
6	Use of fluorescent quantum dot bioconjugates for cellular imaging of immune cells, cell organelle labeling, and nanomedicine: surface modification regulates biological function, including cytotoxicity. <i>Journal of Artificial Organs</i> , 2007, 10, 149-157.	0.4	86
7	The ecotoxicology and chemistry of manufactured nanoparticles. <i>Ecotoxicology</i> , 2008, 17, 287-314.	1.1	774
8	Manufactured nanoparticles: their uptake and effects on fish—a mechanistic analysis. <i>Ecotoxicology</i> , 2008, 17, 396-409.	1.1	385
9	The ecotoxicology of nanoparticles and nanomaterials: current status, knowledge gaps, challenges, and future needs. <i>Ecotoxicology</i> , 2008, 17, 315-325.	1.1	746
10	Ecotoxicity of engineered nanoparticles to aquatic invertebrates: a brief review and recommendations for future toxicity testing. <i>Ecotoxicology</i> , 2008, 17, 387-395.	1.1	655
11	Environmental behavior and ecotoxicity of engineered nanoparticles to algae, plants, and fungi. <i>Ecotoxicology</i> , 2008, 17, 372-386.	1.1	1,459
12	Ecotoxicity test methods and environmental hazard assessment for engineered nanoparticles. <i>Ecotoxicology</i> , 2008, 17, 421-437.	1.1	170
13	Genotoxic and cytotoxic potential of titanium dioxide (TiO ₂) nanoparticles on fish cells in vitro. <i>Ecotoxicology</i> , 2008, 17, 410-420.	1.1	224
14	Impact of gold nanoparticles combined to X-Ray irradiation on bacteria. <i>Gold Bulletin</i> , 2008, 41, 187-194.	3.2	28
15	Ecotoxicity of selected nanomaterials to aquatic organisms. <i>Environmental Toxicology</i> , 2008, 23, 591-598.	2.1	259
16	Adsorption and desorption of atrazine on carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2008, 321, 30-38.	5.0	203
17	Immunotoxicity of carbon black nanoparticles to blue mussel hemocytes. <i>Environment International</i> , 2008, 34, 1114-1119.	4.8	118
18	Biotests and Biosensors for Ecotoxicology of Metal Oxide Nanoparticles: A Minireview. <i>Sensors</i> , 2008, 8, 5153-5170.	2.1	193

#	ARTICLE	IF	CITATIONS
19	Nanotechnology and Water Treatment: Applications and Emerging Opportunities. <i>Critical Reviews in Microbiology</i> , 2008, 34, 43-69.	2.7	579
20	Effects of particle composition and species on toxicity of metallic nanomaterials in aquatic organisms. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1972-1978.	2.2	777
21	Nanomaterials in the environment: Behavior, fate, bioavailability, and effects. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1825-1851.	2.2	2,370
22	Impact of carbon nanotubes on the ingestion and digestion of bacteria by ciliated protozoa. <i>Nature Nanotechnology</i> , 2008, 3, 347-351.	15.6	111
23	Nanoparticles at large. <i>Nature Nanotechnology</i> , 2008, 3, 253-254.	15.6	81
24	Making graphene for macroelectronics. <i>Nature Nanotechnology</i> , 2008, 3, 254-255.	15.6	85
25	Late lessons from early warnings for nanotechnology. <i>Nature Nanotechnology</i> , 2008, 3, 444-447.	15.6	132
26	Nanomaterials for textile processing and photonic applications. <i>Coloration Technology</i> , 2008, 124, 261-272.	0.7	22
27	Identifying and Predicting Biological Risks Associated With Manufactured Nanoparticles in Aquatic Ecosystems. <i>Journal of Industrial Ecology</i> , 2008, 12, 286-296.	2.8	37
28	Manufactured nanoparticles: An overview of their chemistry, interactions and potential environmental implications. <i>Science of the Total Environment</i> , 2008, 400, 396-414.	3.9	885
29	Hydroxyl radicals (OH) are associated with titanium dioxide (TiO ₂) nanoparticle-induced cytotoxicity and oxidative DNA damage in fish cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 640, 113-122.	0.4	390
30	Electron microscopy of gold nanoparticle intake in the gut of <i>Daphnia magna</i> . <i>Nanotoxicology</i> , 2008, 2, 43-48.	1.6	114
31	The formation and characterisation of ultra-thin films containing Ag nanoparticles. <i>Journal of Materials Chemistry</i> , 2008, 18, 199-206.	6.7	35
32	Effects of nanoparticles in <i>Mytilus edulis</i> gills and hepatopancreas – A new threat to marine life?. <i>Marine Environmental Research</i> , 2008, 66, 12-14.	1.1	88
33	Gold nanoparticles and oxidative stress in <i>Mytilus edulis</i> . <i>Marine Environmental Research</i> , 2008, 66, 131-133.	1.1	107
34	Ecotoxicity of CdTe quantum dots to freshwater mussels: Impacts on immune system, oxidative stress and genotoxicity. <i>Aquatic Toxicology</i> , 2008, 86, 333-340.	1.9	226
35	Antimicrobial nanomaterials for water disinfection and microbial control: Potential applications and implications. <i>Water Research</i> , 2008, 42, 4591-4602.	5.3	2,019
36	Environmental Risks of Inorganic Metals and Metalloids: A Continuing, Evolving Scientific Odyssey. <i>Human and Ecological Risk Assessment (HERA)</i> , 2008, 14, 5-40.	1.7	46

#	ARTICLE	IF	CITATIONS
37	Synthetic TiO ₂ nanoparticle emission from exterior facades into the aquatic environment. <i>Environmental Pollution</i> , 2008, 156, 233-239.	3.7	699
38	Nanotoxicity of TiO ₂ nanoparticles to erythrocyte in vitro. <i>Food and Chemical Toxicology</i> , 2008, 46, 3626-3631.	1.8	205
39	Toxicity of nanosized and bulk ZnO, CuO and TiO ₂ to bacteria <i>Vibrio fischeri</i> and crustaceans <i>Daphnia magna</i> and <i>Thamnocephalus platyurus</i> . <i>Chemosphere</i> , 2008, 71, 1308-1316.	4.2	1,303
40	Toxicity assessment of manufactured nanomaterials using the unicellular green alga <i>Chlamydomonas reinhardtii</i> . <i>Chemosphere</i> , 2008, 73, 1121-1128.	4.2	189
41	Removal of Oxide Nanoparticles in a Model Wastewater Treatment Plant: Influence of Agglomeration and Surfactants on Clearing Efficiency. <i>Environmental Science & Technology</i> , 2008, 42, 5828-5833.	4.6	431
42	Bactericidal Effect of Zero-Valent Iron Nanoparticles on <i>Escherichia coli</i> . <i>Environmental Science & Technology</i> , 2008, 42, 4927-4933.	4.6	667
43	Chapter Thirty-Three Lysosomes and Autophagy in Aquatic Animals. <i>Methods in Enzymology</i> , 2008, 451, 581-620.	0.4	40
44	Interactions between carbon black nanoparticles and the brown algae <i>Fucus serratus</i> : Inhibition of fertilization and zygotic development. <i>Nanotoxicology</i> , 2008, 2, 88-97.	1.6	37
45	SFGP 2007 - Ultrafine Aerosol Generation from Free Falling Nanopowders: Experiments and Numerical Modelling. <i>International Journal of Chemical Reactor Engineering</i> , 2008, 6, .	0.6	1
46	THE ECOLOGICAL EFFECTS OF NANOMATERIALS: A FOCUS ON AQUATIC LIFE. <i>Nano</i> , 2008, 03, 251-255.	0.5	4
47	Recent Developments in Nanotechnology and Risk Assessment Strategies for Addressing Public and Environmental Health Concerns. <i>Human and Ecological Risk Assessment (HERA)</i> , 2008, 14, 568-592.	1.7	45
48	Human health implications of nanomaterial exposure. <i>Nanotoxicology</i> , 2008, 2, 9-27.	1.6	77
49	A risk management framework for the regulation of nanomaterials. <i>International Journal of Nanotechnology</i> , 2008, 5, 143.	0.1	25
50	L'écotoxicologie aquatique: comparaison entre les micropolluants organiques et les métaux: constats actuels et défis pour l'avenir. <i>Revue Des Sciences De L'Eau</i> , 0, 21, 173-197.	0.2	1
52	Influence of Sediment Grain Size on Elutriate Toxicity of Inorganic Nanomaterials. <i>Water Quality Research Journal of Canada</i> , 2009, 44, 201-210.	1.2	4
53	Hazards and Risks of Engineered Nanoparticles for the Environment and Human Health. <i>Sustainability</i> , 2009, 1, 1161-1194.	1.6	113
54	Environmental Risks of Nanomaterials. , 2009, , 591-618.		0
56	Particle-Lung Interactions. , 0, , .		6

#	ARTICLE	IF	CITATIONS
57	Nanotechnology and <i>in Situ</i> Remediation: A Review of the Benefits and Potential Risks. <i>Environmental Health Perspectives</i> , 2009, 117, 1813-1831.	2.8	596
59	Nanoparticles. , 2009, , 416-445.		3
60	Effect of sub-acute exposure to TiO ₂ nanoparticles on oxidative stress and histopathological changes in Juvenile Carp (<i>Cyprinus carpio</i>). <i>Journal of Environmental Sciences</i> , 2009, 21, 1459-1466.	3.2	229
62	Integrated Multifunctional Nanosystems for Medical Diagnosis and Treatment. <i>Advanced Functional Materials</i> , 2009, 19, 3356-3373.	7.8	118
63	Dietary exposure to titanium dioxide nanoparticles in rainbow trout, (<i>Oncorhynchus mykiss</i>): no effect on growth, but subtle biochemical disturbances in the brain. <i>Ecotoxicology</i> , 2009, 18, 939-951.	1.1	196
64	Transport and dynamics of toxic pollutants in the natural environment and their effect on human health: research gaps and challenge. <i>Environmental Geochemistry and Health</i> , 2009, 31, 165-187.	1.8	31
65	Effects of Cu x TiO y nanometer particles on biological toxicity during zebrafish embryogenesis. <i>Korean Journal of Chemical Engineering</i> , 2009, 26, 711-718.	1.2	29
66	Ecotoxicity and analysis of nanomaterials in the aquatic environment. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 81-95.	1.9	415
67	Towards a definition of inorganic nanoparticles from an environmental, health and safety perspective. <i>Nature Nanotechnology</i> , 2009, 4, 634-641.	15.6	1,586
68	Ecotoxicogenomics: Emerging Technologies for Emerging Contaminants ¹ . <i>Journal of the American Water Resources Association</i> , 2009, 45, 83-96.	1.0	86
69	Silver nanoparticles: Green synthesis and their antimicrobial activities. <i>Advances in Colloid and Interface Science</i> , 2009, 145, 83-96.	7.0	3,074
70	Pollutant partitioning for monitoring surface waters. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 159-169.	5.8	34
71	Recovery of hazardous semiconductor-industry sludge as a useful resource. <i>Journal of Hazardous Materials</i> , 2009, 165, 359-365.	6.5	29
72	Studies on toxicity of multi-walled carbon nanotubes on <i>Arabidopsis</i> T87 suspension cells. <i>Journal of Hazardous Materials</i> , 2009, 170, 578-583.	6.5	174
73	Recycling of municipal incinerator fly-ash slag and semiconductor waste sludge as admixtures in cement mortar. <i>Construction and Building Materials</i> , 2009, 23, 3305-3311.	3.2	12
74	C60 affects DNA replication in vitro by decreasing the melting temperature of DNA templates. <i>Carbon</i> , 2009, 47, 1457-1465.	5.4	24
75	Silver Nanoparticle Impact on Bacterial Growth: Effect of pH, Concentration, and Organic Matter. <i>Environmental Science & Technology</i> , 2009, 43, 7285-7290.	4.6	663
76	Nanoparticle characteristics affecting environmental fate and transport through soil. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1191-1199.	2.2	271

#	ARTICLE	IF	CITATIONS
77	A comparison of nanoparticle and fine particle uptake by <i>Daphnia magna</i> . Environmental Toxicology and Chemistry, 2009, 28, 2142-2149.	2.2	274
78	Magnetic nanoparticles for theragnostics. Advanced Drug Delivery Reviews, 2009, 61, 467-477.	6.6	893
79	Amine- and Carboxyl- Quantum Dots Affect Membrane Integrity of Bacterium <i>Cupriavidus metallidurans</i> CH34. Environmental Science & Technology, 2009, 43, 5117-5122.	4.6	37
80	Comparison of Molecular and Histological Changes in Zebrafish Gills Exposed to Metallic Nanoparticles. Toxicological Sciences, 2009, 107, 404-415.	1.4	395
81	Sources, Fate and Effects of Engineered Nanomaterials in the Aquatic Environment. , 0, , 227-246.		1
82	Acute Toxicity of Suspension of Nanosized Silicon Dioxide Particles to <i>Daphnia Magna</i> . , 2009, , .		1
83	Comparison of manufactured and black carbon nanoparticle concentrations in aquatic sediments. Environmental Pollution, 2009, 157, 1110-1116.	3.7	106
84	Evaluation of the ecotoxicity of model nanoparticles. Chemosphere, 2009, 75, 850-857.	4.2	444
85	Quantification of fullerene nanoparticles suspensions in water based on optical scattering. Talanta, 2009, 78, 1503-1507.	2.9	14
86	Marine aggregates facilitate ingestion of nanoparticles by suspension-feeding bivalves. Marine Environmental Research, 2009, 68, 137-142.	1.1	412
87	Agglomeration of tungsten carbide nanoparticles in exposure medium does not prevent uptake and toxicity toward a rainbow trout gill cell line. Aquatic Toxicology, 2009, 93, 91-99.	1.9	82
88	Evaluation of the toxic impact of silver nanoparticles on Japanese medaka (<i>Oryzias latipes</i>). Aquatic Toxicology, 2009, 94, 320-327.	1.9	252
89	Colloidal particles for cellular uptake and delivery. Journal of Materials Chemistry, 2009, 19, 3108.	6.7	123
90	Toxicity of Metallic Nanoparticles in Microorganisms- a Review. , 2009, , 193-206.		34
91	Impact of Silver Nanoparticle Contamination on the Genetic Diversity of Natural Bacterial Assemblages in Estuarine Sediments. Environmental Science & Technology, 2009, 43, 4530-4536.	4.6	189
92	Lysosomal cytotoxicity of carbon nanoparticles in cells of the molluscan immune system: An <i>in vitro</i> study. Nanotoxicology, 2009, 3, 40-45.	1.6	68
93	Smarten. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 95-109.	0.1	14
94	Fullerene Exposures with Oysters: Embryonic, Adult, and Cellular Responses. Environmental Science & Technology, 2009, 43, 7136-7141.	4.6	93

#	ARTICLE	IF	CITATIONS
95	Nanomaterials: Risks and Benefits. NATO Science for Peace and Security Series C: Environmental Security, 2009, , .	0.1	27
96	Setting the limits for engineered nanoparticles in European surface waters “ are current approaches appropriate?. Journal of Environmental Monitoring, 2009, 11, 1774.	2.1	67
97	Role of Reactive Oxygen Species in Determining Nitrification Inhibition by Metallic/Oxide Nanoparticles. Journal of Environmental Engineering, ASCE, 2009, 135, 1365-1370.	0.7	32
99	Advantages and risk related with carbon nanomaterials (CNMs) application for water remediation. Mini review. Annales Universitatis Mariae Curie-Skłodowska Sectio AA “ Chemia, 2009, 64, .	0.2	0
100	Genotoxic potential of TiO ₂ on bottlenose dolphin leukocytes. Analytical and Bioanalytical Chemistry, 2010, 396, 619-623.	1.9	47
101	Nanomaterials and Effects on Biological Systems: Development of Effective Regulatory Norms. NanoEthics, 2010, 4, 77-83.	0.5	17
102	Suspension of Multi-Walled Carbon Nanotubes (CNTs) in Freshwaters: Examining the Effect of CNT Size. Water, Air, and Soil Pollution, 2010, 208, 235-241.	1.1	14
103	Effects of silica nanoparticles on growth and photosynthetic pigment contents of <i>Scenedesmus obliquus</i> . Journal of Environmental Sciences, 2010, 22, 155-160.	3.2	144
104	Quantum dots enhance Cu ²⁺ -induced hepatic L02 cells toxicity. Journal of Environmental Sciences, 2010, 22, 1987-1992.	3.2	18
105	First determination of C ₆₀ and C ₇₀ fullerenes and N-methylfulleropyrrolidine C ₆₀ on the suspended material of wastewater effluents by liquid chromatography hybrid quadrupole linear ion trap tandem mass spectrometry. Journal of Hydrology, 2010, 383, 44-51.	2.3	166
106	Priority water research questions as determined by UK practitioners and policy makers†. Science of the Total Environment, 2010, 409, 256-266.	3.9	68
107	Evaluating the cytotoxicity of palladium/magnetite nano-catalysts intended for wastewater treatment. Environmental Pollution, 2010, 158, 65-73.	3.7	45
108	Effect of natural organic matter on cerium dioxide nanoparticles settling in model fresh water. Chemosphere, 2010, 81, 711-715.	4.2	154
109	The effects of engineered nanoparticles on survival, reproduction, and behaviour of freshwater snail, <i>Physa acuta</i> (Draparnaud, 1805). Chemosphere, 2010, 81, 1196-1203.	4.2	48
110	Influence of stability on the acute toxicity of CdSe/ZnS nanocrystals to <i>Daphnia magna</i> . Environmental Toxicology and Chemistry, 2010, 29, 1338-1344.	2.2	62
111	Influence of the zeta potential on the sorption and toxicity of iron oxide nanoparticles on <i>S. cerevisiae</i> and <i>E. coli</i> . Journal of Colloid and Interface Science, 2010, 347, 43-48.	5.0	172
112	Algal testing of titanium dioxide nanoparticles“Testing considerations, inhibitory effects and modification of cadmium bioavailability. Toxicology, 2010, 269, 190-197.	2.0	273
113	From ecotoxicology to nanoecotoxicology. Toxicology, 2010, 269, 105-119.	2.0	673

#	ARTICLE	IF	CITATIONS
114	Engineered nanoparticles in wastewater and wastewater sludge – Evidence and impacts. Waste Management, 2010, 30, 504-520.	3.7	591
115	Exposure of the blue mussel, <i>Mytilus edulis</i> , to gold nanoparticles and the pro-oxidant menadione. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 151, 167-174.	1.3	57
116	Interfacial properties of carbon particulate-laden liquid interfaces and stability of related foams and emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 365, 189-198.	2.3	53
117	Is there a need for a “100 questions exercise”™ to enhance fisheries and aquatic conservation, policy, management and research? Lessons from a global 100 questions exercise on conservation of biodiversity. Journal of Fish Biology, 2010, 76, 2261-2286.	0.7	20
118	Research Trends of Ecotoxicity of Nanoparticles in Soil Environment. Toxicological Research, 2010, 26, 253-259.	1.1	22
119	The Role of Atmospheric Transformations in Determining Environmental Impacts of Carbonaceous Nanoparticles. Journal of Environmental Quality, 2010, 39, 1883-1895.	1.0	38
120	Inorganic manufactured nanoparticles: how their physicochemical properties influence their biological effects in aqueous environments. Nanomedicine, 2010, 5, 999-1007.	1.7	69
122	Fate and Transport of Engineered Nanomaterials in the Environment. Journal of Environmental Quality, 2010, 39, 1896-1908.	1.0	314
123	Nanoparticles: Aspects of Safety and Risk Management. Advanced Materials Research, 0, 113-116, 222-225.	0.3	0
124	The effects of silver nanoparticles on oyster embryos. Marine Environmental Research, 2010, 69, S49-S51.	1.1	131
125	FTIR study of the effect of nTiO ₂ on the biochemical constituents of gill tissues of Zebrafish (<i>Danio rerio</i>). Journal of Environmental Quality, 2010, 39, 1914-1922.	1.8	39
126	Nanoparticulate material delivery to plants. Plant Science, 2010, 179, 154-163.	1.7	1,226
127	Effect of core-shell copper oxide nanoparticles on cell culture morphology and photosynthesis (photosystem II energy distribution) in the green alga, <i>Chlamydomonas reinhardtii</i> . Aquatic Toxicology, 2010, 96, 109-114.	1.9	184
128	In vitro effects of suspensions of selected nanoparticles (C60 fullerene, TiO ₂ , SiO ₂) on <i>Mytilus hemocytes</i> . Aquatic Toxicology, 2010, 96, 151-158.	1.9	195
129	Phototoxicity of CdSe/ZnSe quantum dots with surface coatings of 3-mercaptopropionic acid or tri-n-octylphosphine oxide/gum arabic in <i>Daphnia magna</i> under environmentally relevant UV-B light. Aquatic Toxicology, 2010, 97, 116-124.	1.9	69
130	Biomarkers in <i>Mytilus galloprovincialis</i> exposed to suspensions of selected nanoparticles (Nano). Journal of Environmental Quality, 2010, 39, 1914-1922.	1.9	222
131	Biokinetic Uptake and Efflux of Silver Nanoparticles in <i>Daphnia magna</i> . Environmental Science & Technology, 2010, 44, 7699-7704.	4.6	154
132	On the challenge of quantifying man-made nanoparticles in the aquatic environment. Journal of Environmental Monitoring, 2010, 12, 135-142.	2.1	86

#	ARTICLE	IF	CITATIONS
133	Permeation of nanocrystals across lipid membranes. <i>Molecular Physics</i> , 2011, 109, 1511-1526.	0.8	33
134	The need for standardized methods and environmental monitoring programs for anthropogenic nanoparticles. <i>Analytical Methods</i> , 2011, 3, 1461.	1.3	22
135	A study on the phytotoxicity of nano mullite and metal-amended nano mullite on mung bean plants. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1709.	2.1	2
136	Effects of Dispersed Aggregates of Carbon and Titanium Dioxide Engineered Nanoparticles on Rainbow Trout Hepatocytes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 466-477.	1.1	20
137	Nanotechnology risk assessment from a waste management perspective: Are the current tools adequate?. <i>Human and Experimental Toxicology</i> , 2011, 30, 820-835.	1.1	43
138	Cellular Internalization of Silver Nanoparticles in Gut Epithelia of the Estuarine Polychaete <i>Nereis diversicolor</i> . <i>Environmental Science & Technology</i> , 2011, 45, 4630-4636.	4.6	125
139	Toxicity of Silver Nanomaterials in Higher Eukaryotes. <i>Advances in Molecular Toxicology</i> , 2011, 5, 179-218.	0.4	82
140	Selective identification, characterization and determination of dissolved silver(i) and silver nanoparticles based on single particle detection by inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1362.	1.6	322
141	Effects of Copper Nanoparticles Exposure in the Mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Science & Technology</i> , 2011, 45, 9356-9362.	4.6	229
142	Chemical Introductions to the Systems. , 2011, , 71-111.		0
143	Natural Colloids and Manufactured Nanoparticles in Aquatic and Terrestrial Systems. , 2011, , 89-129.		26
144	Monitoring Lysosomal Activity in Nanoparticle-Treated Cells. <i>Methods in Molecular Biology</i> , 2011, 697, 207-212.	0.4	21
145	Adsorption, Desorption, and Removal of Polymeric Nanomedicine on and from Cellulose Surfaces: Effect of Size. <i>Langmuir</i> , 2011, 27, 12550-12559.	1.6	35
146	Phytotoxicity of nanoparticles in agricultural crops. , 2011, , .		7
147	Characterization of Nanoparticles Intended for Drug Delivery. <i>Methods in Molecular Biology</i> , 2011, , .	0.4	80
148	The devil is in the details (or the surface): impact of surface structure and surface energetics on understanding the behavior of nanomaterials in the environment. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1135.	2.1	111
149	Hydroxylated fullerenes inhibit neutrophil function in fathead minnow (<i>Pimephales promelas</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102	1.9	51
150	Effects of titanium dioxide nano-particles on growth and some histological parameters of zebrafish (<i>Danio rerio</i>) after a long-term exposure. <i>Aquatic Toxicology</i> , 2011, 101, 493-499.	1.9	140

#	ARTICLE	IF	CITATIONS
151	Assessment of the effect of nanomaterials on sediment-dwelling invertebrate <i>Chironomus tentans</i> larvae. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 416-423.	2.9	29
152	Gene expression of zebrafish embryos exposed to titanium dioxide nanoparticles and hydroxylated fullerenes. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1518-1525.	2.9	62
153	Nanowastes and the environment: Potential new waste management paradigm. <i>Environment International</i> , 2011, 37, 112-128.	4.8	144
154	Silver nanoparticles: Behaviour and effects in the aquatic environment. <i>Environment International</i> , 2011, 37, 517-531.	4.8	1,026
155	How to assess exposure of aquatic organisms to manufactured nanoparticles?. <i>Environment International</i> , 2011, 37, 1068-1077.	4.8	118
156	Community effects of carbon nanotubes in aquatic sediments. <i>Environment International</i> , 2011, 37, 1126-1130.	4.8	32
157	C60-DOM interactions and effects on C60 apparent solubility: A molecular mechanics and density functional theory study. <i>Environment International</i> , 2011, 37, 1078-1082.	4.8	38
158	Linking protein oxidation to environmental pollutants: Redox proteomic approaches. <i>Journal of Proteomics</i> , 2011, 74, 2324-2337.	1.2	75
159	Time-dependent variation in the biodistribution of C60 in rats determined by liquid chromatography-tandem mass spectrometry. <i>Toxicology Letters</i> , 2011, 206, 172-177.	0.4	29
160	Nanotubos de carbono aplicados Às neurociências: perspectivas e desafios. <i>Revista De Psiquiatria Clínica</i> , 2011, 38, 201-206.	0.6	5
161	A Risk Assessment Framework for Assessing Metallic Nanomaterials of Environmental Concern: Aquatic Exposure and Behavior. <i>Risk Analysis</i> , 2011, 31, 706-726.	1.5	57
162	Effects of manufactured nanomaterials on fishes: a target organ and body systems physiology approach. <i>Journal of Fish Biology</i> , 2011, 79, 821-853.	0.7	92
163	High efficiency removal of dissolved As(III) using iron nanoparticle-embedded macroporous polymer composites. <i>Journal of Hazardous Materials</i> , 2011, 192, 1002-1008.	6.5	91
164	Synergistic toxic effect of nano-TiO ₂ and As(V) on <i>Ceriodaphnia dubia</i> . <i>Science of the Total Environment</i> , 2011, 409, 1351-1356.	3.9	79
165	Colloidal complexed silver and silver nanoparticles in extrapallial fluid of <i>Mytilus edulis</i> . <i>Marine Environmental Research</i> , 2011, 71, 17-21.	1.1	59
166	Cytotoxic effects and the mechanism of three types of magnetic nanoparticles on human hepatoma BEL-7402 cells. <i>Nanoscale Research Letters</i> , 2011, 6, 480.	3.1	82
167	An approach to the natural and engineered nanoparticles analysis in the environment by inductively coupled plasma mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2011, 307, 99-104.	0.7	42
168	Effects of C 60 nanoparticle exposure on earthworms (<i>Lumbricus rubellus</i>) and implications for population dynamics. <i>Environmental Pollution</i> , 2011, 159, 198-203.	3.7	73

#	ARTICLE	IF	CITATIONS
169	Engineered nanomaterials in rivers – Exposure scenarios for Switzerland at high spatial and temporal resolution. <i>Environmental Pollution</i> , 2011, 159, 3439-3445.	3.7	150
170	A review of NIR dyes in cancer targeting and imaging. <i>Biomaterials</i> , 2011, 32, 7127-7138.	5.7	1,239
171	Interaction of engineered nanoparticles with various components of the environment and possible strategies for their risk assessment. <i>Chemosphere</i> , 2011, 82, 308-317.	4.2	214
172	Biotoxicity of nickel oxide nanoparticles and bio-remediation by microalgae <i>Chlorella vulgaris</i> . <i>Chemosphere</i> , 2011, 83, 510-516.	4.2	200
173	Impact of silver nanoparticles on natural marine biofilm bacteria. <i>Chemosphere</i> , 2011, 85, 961-966.	4.2	103
174	Influence of soil ageing on bioavailability and ecotoxicity of lead carried by process waste metallic ultrafine particles. <i>Chemosphere</i> , 2011, 85, 1555-1562.	4.2	76
175	Environmental Application and Risks of Nanotechnology: A Balanced View. ACS Symposium Series, 2011, , 41-67.	0.5	13
176	Differential Gene Expression in <i>Daphnia magna</i> Suggests Distinct Modes of Action and Bioavailability for ZnO Nanoparticles and Zn Ions. <i>Environmental Science & Technology</i> , 2011, 45, 762-768.	4.6	176
177	Methods of detection and identification of manufactured nanoparticles. <i>Biophysics (Russian)</i> 10, 11, 50-422	0.2	20
178	The structure, composition, and dimensions of TiO ₂ and ZnO nanomaterials in commercial sunscreens. <i>Journal of Nanoparticle Research</i> , 2011, 13, 3607-3617.	0.8	110
179	Toxicity of nanocrystal quantum dots: the relevance of surface modifications. <i>Archives of Toxicology</i> , 2011, 85, 707-720.	1.9	126
180	Global Gene Response in <i>Saccharomyces cerevisiae</i> Exposed to Silver Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 1278-1291.	1.4	47
181	Induced temperature-dependent DNA degradation by C60 without photoactivation. <i>Science Bulletin</i> , 2011, 56, 3100-3107.	1.7	2
182	A flow cytometric method to assess nanoparticle uptake in bacteria. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 707-712.	1.1	65
183	The treatment of brewery wastewater for reuse: State of the art. <i>Desalination</i> , 2011, 273, 235-247.	4.0	254
184	Effects of diamond nanoparticle exposure on the internal structure and reproduction of <i>Daphnia magna</i> . <i>Journal of Hazardous Materials</i> , 2011, 186, 265-271.	6.5	52
185	Particle-size effect of CuO and ZnO on biogas and methane production during anaerobic digestion. <i>Journal of Hazardous Materials</i> , 2011, 189, 603-608.	6.5	164
186	Analysis and assessment of the occurrence, the fate and the behavior of nanomaterials in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 517-527.	5.8	203

#	ARTICLE	IF	CITATIONS
187	Analytical chemistry of metallic nanoparticles in natural environments. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 528-540.	5.8	152
188	Investigating potential toxicity of phenanthrene adsorbed to nano-ZnO using <i>Daphnia magna</i> . <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 729-737.	0.6	16
189	Notice of Retraction: Oxidative Damage of Fe ₃ O ₄ Nanoparticles on Mouse Hepatic Cells In Vitro. , 2011, , .		1
190	RNA nanoparticles come of age. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 245-247.	0.9	8
191	Simulated environmental risk estimation of engineered nanomaterials: A case of cosmetics in Johannesburg City. <i>Human and Experimental Toxicology</i> , 2011, 30, 1181-1195.	1.1	74
192	Determination of Trace Silver in Water Samples by Online Column Preconcentration Flame Atomic Absorption Spectrometry Using Termite Digestion Product. <i>Journal of Automated Methods and Management in Chemistry</i> , 2011, 2011, 1-7.	0.5	6
193	SCREENING OF ENZYME BIOMARKER FOR NANOTOXICITY OF ZINC OXIDE IN OREOCHROMIS MOSSAMBICUS. <i>AIP Conference Proceedings</i> , 2011, , .	0.3	4
194	Toxicity of Citrate-Capped Silver Nanoparticles in Common Carp (<i>Cyprinus carpio</i>). <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-14.	3.0	48
195	Role of surface ligands in nanoparticle permeation through a model membrane: a coarse-grained molecular dynamics simulations study. <i>Molecular Physics</i> , 2012, 110, 2181-2195.	0.8	33
196	pH-responsive NIR enhanced drug release from gold nanocages possesses high potency against cancer cells. <i>Chemical Communications</i> , 2012, 48, 7640.	2.2	99
197	Soil-Subsurface Change. , 2012, , .		25
198	Interaction of Silica Nanoparticles with Phospholipid Membranes. <i>Chemistry Letters</i> , 2012, 41, 1322-1324.	0.7	10
199	Chapter 10. Nano-QSAR: Advances and Challenges. <i>RSC Nanoscience and Nanotechnology</i> , 2012, , 220-256.	0.2	11
200	Up-Conversion Cell Imaging and pH-Induced Thermally Controlled Drug Release from NaYF ₄ :Yb ³⁺ /Er ³⁺ @Hydrogel Core-Shell Hybrid Microspheres. <i>ACS Nano</i> , 2012, 6, 3327-3338.	7.3	308
201	Xylem- and Phloem-Based Transport of CuO Nanoparticles in Maize (<i>Zea mays</i> L.). <i>Environmental Science & Technology</i> , 2012, 46, 4434-4441.	4.6	601
202	Intracellular Silver Accumulation in <i>Chlamydomonas reinhardtii</i> upon Exposure to Carbonate Coated Silver Nanoparticles and Silver Nitrate. <i>Environmental Science & Technology</i> , 2012, 46, 7390-7397.	4.6	128
203	Histopathological studies and oxidative stress of synthesized silver nanoparticles in Mozambique tilapia (<i>Oreochromis mossambicus</i>). <i>Journal of Environmental Sciences</i> , 2012, 24, 1091-1098.	3.2	76
204	Responsible nanotechnology development. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	24

#	ARTICLE	IF	CITATIONS
205	Copper oxide nanoparticles can induce toxicity to the freshwater shredder <i>Allogamus ligonifer</i> . <i>Chemosphere</i> , 2012, 89, 1142-1150.	4.2	49
206	Sequestration of Zinc from Zinc Oxide Nanoparticles and Life Cycle Effects in the Sediment Dweller Amphipod <i>Corophium volutator</i> . <i>Environmental Science & Technology</i> , 2012, 46, 1128-1135.	4.6	71
207	The heterogeneous coagulation and flocculation of brewery wastewater using carbon nanotubes. <i>Water Research</i> , 2012, 46, 1185-1197.	5.3	91
208	Uptake and Effects of Microplastics on Cells and Tissue of the Blue Mussel <i>Mytilus edulis</i> L. after an Experimental Exposure. <i>Environmental Science & Technology</i> , 2012, 46, 11327-11335.	4.6	1,271
209	Accumulation and toxicity of copper oxide nanoparticles in the digestive gland of <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2012, 118-119, 72-79.	1.9	175
210	Immunotoxicology of non-functionalized engineered nanoparticles in aquatic organisms with special emphasis on fish—Review of current knowledge, gap identification, and call for further research. <i>Aquatic Toxicology</i> , 2012, 118-119, 141-151.	1.9	118
211	Chemical stability of CdSe quantum dots in seawater and their effects on a marine microalga. <i>Aquatic Toxicology</i> , 2012, 122-123, 153-162.	1.9	68
212	Merging nano-genotoxicology with eco-genotoxicology: An integrated approach to determine interactive genotoxic and sub-lethal toxic effects of C60 fullerenes and fluoranthene in marine mussels, <i>Mytilus</i> sp.. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 745, 92-103.	0.9	84
213	Effect of natural organic matter (NOM) on Cu(II) adsorption by multi-walled carbon nanotubes: Relationship with NOM properties. <i>Chemical Engineering Journal</i> , 2012, 200-202, 627-636.	6.6	73
214	YVO ₄ :Eu ³⁺ functionalized porous silica microspheres as delivery carriers of doxorubicin. <i>Dalton Transactions</i> , 2012, 41, 1481-1489.	1.6	39
215	Control of membrane biofouling by silver nanoparticles using <i>Pseudomonas aeruginosa</i> as a model bacterium. <i>Desalination and Water Treatment</i> , 2012, 48, 130-137.	1.0	13
216	Fate of isotopically labeled zinc oxide nanoparticles in sediment and effects on two endobenthic species, the clam <i>Scrobicularia plana</i> and the ragworm <i>Hediste diversicolor</i> . <i>Ecotoxicology and Environmental Safety</i> , 2012, 84, 191-198.	2.9	73
217	Toxicogenomic Responses of Nanotoxicity in <i>Daphnia magna</i> Exposed to Silver Nitrate and Coated Silver Nanoparticles. <i>Environmental Science & Technology</i> , 2012, 46, 6288-6296.	4.6	159
218	Advancing risk assessment of engineered nanomaterials: Application of computational approaches. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 1663-1693.	6.6	186
219	Phytotoxicity of multi-walled carbon nanotubes assessed by selected plant species in the seedling stage. <i>Applied Surface Science</i> , 2012, 262, 120-124.	3.1	111
220	Doxorubicin conjugated NaYF ₄ :Yb ³⁺ /Tm ³⁺ nanoparticles for therapy and sensing of drug delivery by luminescence resonance energy transfer. <i>Biomaterials</i> , 2012, 33, 8704-8713.	5.7	103
221	The Luminescent Bacteria Test to Determine the Acute Toxicity of Nanoparticle Suspensions. <i>Methods in Molecular Biology</i> , 2012, 926, 255-259.	0.4	10
222	Aggregation, Dissolution, and Stability of Quantum Dots in Marine Environments: Importance of Extracellular Polymeric Substances. <i>Environmental Science & Technology</i> , 2012, 46, 8764-8772.	4.6	113

#	ARTICLE	IF	CITATIONS
224	Analysis and Fate of Organic Nanomaterials in Environmental Samples. <i>Comprehensive Analytical Chemistry</i> , 2012, 59, 131-168.	0.7	4
225	Biopolymer-Based Nanomaterials. <i>Comprehensive Analytical Chemistry</i> , 2012, 59, 91-129.	0.7	12
226	Hemocyte responses of <i>Dreissena polymorpha</i> following a short-term in vivo exposure to titanium dioxide nanoparticles: Preliminary investigations. <i>Science of the Total Environment</i> , 2012, 438, 490-497.	3.9	42
227	Bioaccumulation Dynamics and Modeling in an Estuarine Invertebrate Following Aqueous Exposure to Nanosized and Dissolved Silver. <i>Environmental Science & Technology</i> , 2012, 46, 7621-7628.	4.6	75
228	Silica Nanoparticle Separation from Water by Aggregation with $AlCl_3$. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 1853-1863.	1.8	39
229	Prioritization of chemicals in the aquatic environment based on risk assessment: Analytical, modeling and regulatory perspective. <i>Science of the Total Environment</i> , 2012, 440, 236-252.	3.9	99
230	Effects of salinity on the toxicity of ionic silver and Ag-PVP nanoparticles to <i>Tisbe battagliai</i> and <i>Ceramium tenuicorne</i> . <i>Ecotoxicology and Environmental Safety</i> , 2012, 86, 101-110.	2.9	30
231	Immunomodulation by Different Types of N-Oxides in the Hemocytes of the Marine Bivalve <i>Mytilus galloprovincialis</i> . <i>PLoS ONE</i> , 2012, 7, e36937.	1.1	122
232	The Separation Power of Nanotubes in Membranes: A Review. <i>ISRN Nanotechnology</i> , 2012, 2012, 1-17.	1.3	29
233	Impact of Fe and Ag nanoparticles on seed germination and differences in bioavailability during exposure in aqueous suspension and soil. <i>Environmental Toxicology</i> , 2012, 27, 42-49.	2.1	378
234	Nano-sized CuO , TiO_2 and ZnO affect <i>Xenopus laevis</i> development. <i>Nanotoxicology</i> , 2012, 6, 381-398.	1.6	78
235	Bivalve molluscs as a unique target group for nanoparticle toxicity. <i>Marine Environmental Research</i> , 2012, 76, 16-21.	1.1	363
236	Atomic force microscopy characterization of silver nanoparticles interactions with marine diatom cells and extracellular polymeric substance. <i>Journal of Molecular Recognition</i> , 2012, 25, 309-317.	1.1	68
237	Metal-based nanoparticles in soil: Fate, behavior, and effects on soil invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1679-1692.	2.2	355
238	Toxicological effect of joint cadmium selenium quantum dots and copper ion exposure on zebrafish. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2117-2123.	2.2	30
239	Impact of dietary gold nanoparticles in zebrafish at very low contamination pressure: The role of size, concentration and exposure time. <i>Nanotoxicology</i> , 2012, 6, 144-160.	1.6	93
240	Gene expression in zebrafish embryos following exposure to Cu-doped TiO_2 and pure TiO_2 nanometer-sized photocatalysts. <i>Molecular and Cellular Toxicology</i> , 2012, 8, 127-137.	0.8	29
241	Toxicity and genotoxicity of organic and inorganic nanoparticles to the bacteria <i>Vibrio fischeri</i> and <i>Salmonella typhimurium</i> . <i>Ecotoxicology</i> , 2012, 21, 637-648.	1.1	64

#	ARTICLE	IF	CITATIONS
242	Practical considerations for conducting ecotoxicity test methods with manufactured nanomaterials: what have we learnt so far?. <i>Ecotoxicology</i> , 2012, 21, 933-972.	1.1	175
243	Uptake and accumulation of multiwalled carbon nanotubes change the morphometric and biochemical characteristics of <i>Onobrychis arenaria</i> seedlings. <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 132-138.	2.3	77
244	Does carbon nanopowder threaten amphibian development?. <i>Carbon</i> , 2012, 50, 4607-4618.	5.4	20
245	Evaluation of biotargeting and ecotoxicity of Co ²⁺ -containing nanoscale polymeric complex by applying multi-marker approach in bivalve mollusk <i>Anodonta cygnea</i> . <i>Chemosphere</i> , 2012, 88, 925-936.	4.2	12
246	Role of electrostatic interactions in the toxicity of titanium dioxide nanoparticles toward <i>Escherichia coli</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 92, 315-321.	2.5	91
247	Recycling CMP sludge as a resource in concrete. <i>Construction and Building Materials</i> , 2012, 30, 243-251.	3.2	24
248	Cell-wall-dependent effect of carboxyl-CdSe/ZnS quantum dots on lead and copper availability to green microalgae. <i>Environmental Pollution</i> , 2012, 167, 27-33.	3.7	62
249	Size dependent bioaccumulation and ecotoxicity of gold nanoparticles in an endobenthic invertebrate: The Tellinid clam <i>Scrobicularia plana</i> . <i>Environmental Pollution</i> , 2012, 168, 37-43.	3.7	97
250	pH-responsive drug delivery system based on luminescent CaF ₂ :Ce ³⁺ /Tb ³⁺ -poly(acrylic acid) hybrid microspheres. <i>Biomaterials</i> , 2012, 33, 2583-2592.	5.7	79
251	Comparative study of leaching of silver nanoparticles from fabric and effective effluent treatment. <i>Journal of Environmental Sciences</i> , 2012, 24, 852-859.	3.2	60
252	Expanding the ecotoxicological toolbox: The inclusion of polychaete reproductive endpoints. <i>Marine Environmental Research</i> , 2012, 75, 10-22.	1.1	53
253	Toxic effects of engineered nanoparticles in the marine environment: Model organisms and molecular approaches. <i>Marine Environmental Research</i> , 2012, 76, 32-40.	1.1	243
254	Toxicological aspects of nanomaterials used in energy harvesting consumer electronics. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2102-2110.	8.2	13
255	Assessing the potential risks to zebrafish posed by environmentally relevant copper and silver nanoparticles. <i>Science of the Total Environment</i> , 2012, 420, 111-118.	3.9	59
256	Use of iron oxide nanomaterials in wastewater treatment: A review. <i>Science of the Total Environment</i> , 2012, 424, 1-10.	3.9	1,641
257	Airborne Engineered Nanoparticles: Potential Risks and Monitoring Challenges for Assessing their Impacts on Children. <i>Paediatric Respiratory Reviews</i> , 2012, 13, 79-83.	1.2	25
258	Effect of cerium dioxide, titanium dioxide, silver, and gold nanoparticles on the activity of microbial communities intended in wastewater treatment. <i>Journal of Hazardous Materials</i> , 2012, 199-200, 64-72.	6.5	202
259	Fate and biological effects of silver, titanium dioxide, and C ₆₀ (fullerene) nanomaterials during simulated wastewater treatment processes. <i>Journal of Hazardous Materials</i> , 2012, 201-202, 16-22.	6.5	165

#	ARTICLE	IF	CITATIONS
260	Toxicity assessment of zebrafish following exposure to CdTe QDs. <i>Journal of Hazardous Materials</i> , 2012, 213-214, 413-420.	6.5	74
261	Characterization of surface hydrophobicity of engineered nanoparticles. <i>Journal of Hazardous Materials</i> , 2012, 215-216, 146-151.	6.5	104
262	Applications and implications of manufactured nanoparticles in soils: a review. <i>European Journal of Soil Science</i> , 2012, 63, 437-456.	1.8	161
263	Adsorption and desorption characteristics of arsenic onto ceria nanoparticles. <i>Nanoscale Research Letters</i> , 2012, 7, 84.	3.1	60
264	Toxicity of copper oxide nanoparticle suspensions to aquatic biota. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 108-114.	2.2	72
265	Effects of silver nanoparticles on bacterial activity in natural waters. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 122-130.	2.2	81
266	The effect of titanium dioxide exposure on the thermal properties of Zebrafish (<i>Danio rerio</i>) bones. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 108, 133-139.	2.0	3
267	Effects of Tungsten and Titanium Oxide Nanoparticles on the Diazotrophic Growth and Metals Acquisition by <i>Azotobacter vinelandii</i> under Molybdenum Limiting Condition. <i>Environmental Science & Technology</i> , 2013, 47, 2061-2068.	4.6	13
268	Oxidative Stress and Nanotechnology. <i>Methods in Molecular Biology</i> , 2013, , .	0.4	10
269	Direct and Indirect Toxic Effects of Engineered Nanoparticles on Algae: Role of Natural Organic Matter. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 686-702.	3.2	154
270	Chemistry for Sustainable Development in Africa. , 2013, , .		3
271	Interaction of CdSe/ZnS quantum dots with the marine diatom <i>Phaeodactylum tricorutum</i> and the green alga <i>Dunaliella tertiolecta</i> : A biophysical approach. <i>Biophysical Chemistry</i> , 2013, 182, 4-10.	1.5	44
272	A review: inhibition of Ag NPs on wastewater treatment. <i>Desalination and Water Treatment</i> , 2013, 51, 7012-7017.	1.0	4
273	Toxicity and Transcriptomic Analysis in <i>Hyalella azteca</i> Suggests Increased Exposure and Susceptibility of Epibenthic Organisms to Zinc Oxide Nanoparticles. <i>Environmental Science & Technology</i> , 2013, 47, 9453-9460.	4.6	28
274	Chronic nanoparticulate silver exposure results in tissue accumulation and transcriptomic changes in zebrafish. <i>Aquatic Toxicology</i> , 2013, 130-131, 192-200.	1.9	69
275	Manufactured Nanomaterials: The Connection Between Environmental Fate and Toxicity. <i>Critical Reviews in Environmental Science and Technology</i> , 2013, 43, 2581-2616.	6.6	18
276	Effect of TiO ₂ Nanoparticles on Chickpea Response to Cold Stress. <i>Biological Trace Element Research</i> , 2013, 152, 403-410.	1.9	120
277	Freshwater snail vital rates affected by non-lethal concentrations of silver nanoparticles. <i>Hydrobiologia</i> , 2013, 714, 25-34.	1.0	21

#	ARTICLE	IF	CITATIONS
278	Effects of nano carbon black and single-layer graphene oxide on settlement, survival and swimming behaviour of <i>Amphibalanus amphitrite</i> larvae. <i>Chemistry and Ecology</i> , 2013, 29, 643-652.	0.6	46
279	Aggregation kinetics and surface charge of CuO nanoparticles: the influence of pH, ionic strength and humic acids. <i>Environmental Chemistry</i> , 2013, 10, 313.	0.7	99
280	Effects of aqueous suspensions of titanium dioxide nanoparticles on <i>Artemia salina</i> : assessment of nanoparticle aggregation, accumulation, and toxicity. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 3339-3348.	1.3	120
281	Immune responses of <i>Octopus vulgaris</i> (Mollusca: Cephalopoda) exposed to titanium dioxide nanoparticles. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 447, 123-127.	0.7	28
282	A low cytotoxic and ratiometric fluorescent nanosensor based on carbon-dots for intracellular pH sensing and mapping. <i>Nanotechnology</i> , 2013, 24, 365101.	1.3	105
283	Uptake of titanium from TiO ₂ nanoparticle exposure in the isolated perfused intestine of rainbow trout: nystatin, vanadate and novel CO ₂ -sensitive components. <i>Nanotoxicology</i> , 2013, 7, 1282-1301.	1.6	44
284	Effects of particle size and coating on nanoscale Ag and TiO ₂ exposure in zebrafish (<i>Danio rerio</i>) embryos. <i>Nanotoxicology</i> , 2013, 7, 1315-1324.	1.6	98
285	Nanoparticles Inhibit DNA Replication by Binding to DNA: Modeling and Experimental Validation. <i>ACS Nano</i> , 2013, 7, 9664-9674.	7.3	93
286	Core-shell structured luminescent and mesoporous β -NaYF ₄ :Ce ³⁺ /Tb ³⁺ @mSiO ₂ -PEG nanospheres for anti-cancer drug delivery. <i>Dalton Transactions</i> , 2013, 42, 9852.	1.6	30
287	The biophysicochemical interactions at the interfaces between nanoparticles and aquatic organisms: adsorption and internalization. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 145-160.	1.7	93
288	Subtle alterations in swimming speed distributions of rainbow trout exposed to titanium dioxide nanoparticles are associated with gill rather than brain injury. <i>Aquatic Toxicology</i> , 2013, 126, 116-127.	1.9	84
289	Biological accumulation of engineered nanomaterials: a review of current knowledge. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 103-122.	1.7	118
290	Reactive oxygen species-induced cytotoxic effects of zinc oxide nanoparticles in rat retinal ganglion cells. <i>Toxicology in Vitro</i> , 2013, 27, 731-738.	1.1	149
291	Histopathological effects of waterborne copper nanoparticles and copper sulphate on the organs of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2013, 126, 104-115.	1.9	211
292	Accumulation of Aqueous and Nanoparticulate Silver by the Marine Gastropod <i>Littorina littorea</i> . <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	20
293	Effects of suspended common-scale and nanoscale particles on the survival, growth and reproduction of <i>Daphnia magna</i> . <i>Chemosphere</i> , 2013, 93, 2644-2649.	4.2	10
294	Tissue specific responses of oysters, <i>Crassostrea virginica</i> , to silver nanoparticles. <i>Aquatic Toxicology</i> , 2013, 138-139, 123-128.	1.9	80
295	Liver Alterations in Two Freshwater Fish Species (<i>Carassius auratus</i> and <i>Danio rerio</i>) Following Exposure to Different TiO ₂ Nanoparticle Concentrations. <i>Microscopy and Microanalysis</i> , 2013, 19, 1131-1140.	0.2	42

#	ARTICLE	IF	CITATIONS
296	Combining spatially resolved hydrochemical data with in-vitro nanoparticle stability testing: Assessing environmental behavior of functionalized gold nanoparticles on a continental scale. <i>Environment International</i> , 2013, 59, 53-62.	4.8	17
297	In vivo effects of n-TiO ₂ on digestive gland and immune function of the marine bivalve <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2013, 132-133, 9-18.	1.9	161
298	Nanoparticle toxicity in <i>Daphnia magna</i> reproduction studies: The importance of test design. <i>Aquatic Toxicology</i> , 2013, 126, 163-168.	1.9	61
299	Cytotoxicity of aluminium oxide nanoparticles towards fresh water algal isolate at low exposure concentrations. <i>Aquatic Toxicology</i> , 2013, 132-133, 34-45.	1.9	106
300	Nanoscale materials and their use in water contaminants removal—a review. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1239-1260.	2.7	192
301	Fate of CuO and ZnO Nano- and Microparticles in the Plant Environment. <i>Environmental Science & Technology</i> , 2013, 47, 4734-4742.	4.6	246
302	Magnetic nanoparticles: Essential factors for sustainable environmental applications. <i>Water Research</i> , 2013, 47, 2613-2632.	5.3	731
303	Nanomaterials in Agricultural Production: Benefits and Possible Threats?. <i>ACS Symposium Series</i> , 2013, , 73-90.	0.5	26
304	Genotoxicity of copper oxide and silver nanoparticles in the mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2013, 84, 51-59.	1.1	167
305	Cytotoxicity and expression of genes involved in the cellular stress response and apoptosis in mammalian fibroblast exposed to cotton cellulose nanofibers. <i>Nanotechnology</i> , 2013, 24, 075103.	1.3	106
306	In Situ Study of the Antibacterial Activity and Mechanism of Action of Silver Nanoparticles by Surface-Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2013, 85, 5436-5443.	3.2	174
307	Silica nanoparticles separation from water: Aggregation by cetyltrimethylammonium bromide (CTAB). <i>Chemosphere</i> , 2013, 92, 681-687.	4.2	76
308	PEGylated Single-Walled Carbon Nanotubes as Nanocarriers for Cyclosporin A Delivery. <i>AAPS PharmSciTech</i> , 2013, 14, 593-600.	1.5	28
309	Platinum (IV) Prodrug Conjugated NaYF ₄ :Yb ³⁺ /Er ³⁺ Nanoparticles for Targeted Drug Delivery and Upconversion Cell Imaging. <i>Advanced Healthcare Materials</i> , 2013, 2, 562-567.	3.9	45
310	Gold Nanoparticles and Oxidative Stress in the Blue Mussel, <i>Mytilus edulis</i> . <i>Methods in Molecular Biology</i> , 2013, 1028, 197-203.	0.4	4
311	Towards a Consensus View on Understanding Nanomaterials Hazards and Managing Exposure: Knowledge Gaps and Recommendations. <i>Materials</i> , 2013, 6, 1090-1117.	1.3	28
312	Differential protein expression in mussels <i>Mytilus galloprovincialis</i> exposed to nano and ionic Ag. <i>Aquatic Toxicology</i> , 2013, 136-137, 79-90.	1.9	86
313	Sub-lethal effects of titanium dioxide nanoparticles on the physiology and reproduction of zebrafish. <i>Aquatic Toxicology</i> , 2013, 126, 404-413.	1.9	94

#	ARTICLE	IF	CITATIONS
314	Characterization of a mortar made with cement and slag vitrified from a MSWI ash-mix and CMP sludge. <i>Construction and Building Materials</i> , 2013, 38, 22-30.	3.2	12
315	Effects of water chemistry on the dissolution of ZnO nanoparticles and their toxicity to <i>Escherichia coli</i> . <i>Environmental Pollution</i> , 2013, 173, 97-102.	3.7	193
316	Zebrafish: A model animal for analyzing the impact of environmental pollutants on muscle and brain mitochondrial bioenergetics. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 16-22.	1.2	38
317	Interaction between <i>Escherichia coli</i> and TiO ₂ nanoparticles in natural and artificial waters. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 158-164.	2.5	57
318	Synthesis and Antimicrobial Activity of Silver-Doped Hydroxyapatite Nanoparticles. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	127
319	Bioaccumulation, Subacute Toxicity, and Tissue Distribution of Engineered Titanium Dioxide Nanoparticles in Goldfish (<i>Carassius auratus</i>). <i>Journal of Nanomaterials</i> , 2013, 2013, 1-6.	1.5	51
320	Study of environmental risks incurred by leakage of lithium cells to the food chain in a freshwater ecosystem. <i>Water Science and Technology</i> , 2013, 67, 1599-1604.	1.2	4
321	Aquatic ecotoxicology: what has been accomplished and what lies ahead? An Eastern Canada historical perspective. <i>Journal of Xenobiotics</i> , 2013, 3, 8.	2.9	1
322	Emerging Threats to Fishes: Engineered Organic Nanomaterials. <i>Fish Physiology</i> , 2013, , 439-479.	0.2	5
323	Evidence and uptake routes for Zinc oxide nanoparticles through the gastrointestinal barrier in <i>Xenopus laevis</i> . <i>Nanotoxicology</i> , 2014, 8, 1-17.	1.6	52
324	Cellular uptake mechanism and intracellular fate of hydrophobically modified pullulan nanoparticles. <i>International Journal of Nanomedicine</i> , 2013, 8, 1825.	3.3	55
325	Potential Impact of Multi-Walled Carbon Nanotubes Exposure to the Seedling Stage of Selected Plant Species. <i>Nanomaterials</i> , 2014, 4, 203-221.	1.9	77
326	<i>Nanomaterials Ecotoxicology</i> . , 2014, , 117-151.		4
327	Metabolomic analysis on the toxicological effects of TiO ₂ nanoparticles in mouse fibroblast cells: from the perspective of perturbations in amino acid metabolism. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 461-469.	1.3	52
328	Bioavailability and Bioaccumulation of Metal-Based Engineered Nanomaterials in Aquatic Environments. <i>Frontiers of Nanoscience</i> , 2014, , 157-193.	0.3	27
329	Aquatic toxicity of manufactured nanomaterials: challenges and recommendations for future toxicity testing. <i>Environmental Chemistry</i> , 2014, 11, 207.	0.7	69
330	Current status and future direction for examining engineered nanoparticles in natural systems. <i>Environmental Chemistry</i> , 2014, 11, 351.	0.7	103
331	Cell-Based in Vitro Blood-Brain Barrier Model Can Rapidly Evaluate Nanoparticles' Brain Permeability in Association with Particle Size and Surface Modification. <i>International Journal of Molecular Sciences</i> , 2014, 15, 1812-1825.	1.8	135

#	ARTICLE	IF	CITATIONS
332	Study of Modern Nano Enhanced Techniques for Removal of Dyes and Metals. Journal of Nanomaterials, 2014, 2014, 1-20.	1.5	39
334	Survey of Personal Care Products in the United States. Handbook of Environmental Chemistry, 2014, , 95-122.	0.2	4
335	Uptake of iron nanoparticles by <i>Aphanorrhegma patens</i> (Hedw.) Lindb.. Journal of Bryology, 2014, 36, 104-109.	0.4	8
336	Natural Mineral Particles Are Cytotoxic to Rainbow Trout Gill Epithelial Cells In Vitro. PLoS ONE, 2014, 9, e100856.	1.1	22
337	Nanoplastic Affects Growth of <i>S. obliquus</i> and Reproduction of <i>D. magna</i> . Environmental Science & Technology, 2014, 48, 12336-12343.	4.6	868
338	Accumulation and Embryotoxicity of Polystyrene Nanoparticles at Early Stage of Development of Sea Urchin Embryos <i>Paracentrotus lividus</i> . Environmental Science & Technology, 2014, 48, 12302-12311.	4.6	509
339	Fabricated Nanoparticles: Current Status and Potential Phytotoxic Threats. Reviews of Environmental Contamination and Toxicology, 2014, 230, 83-110.	0.7	43
340	Estuarine sediment hydrocarbon-degrading microbial communities demonstrate resilience to nanosilver. International Biodeterioration and Biodegradation, 2014, 96, 206-215.	1.9	14
341	In Pursuit of Nanoethics. The International Library of Ethics, Law and Technology, 2014, , .	0.2	4
342	Interactions of Nanoparticles with Plants. , 2014, , 159-180.		72
343	DNA damage and repair following <i>In vitro</i> exposure to two different forms of titanium dioxide nanoparticles on trout erythrocyte. Environmental Toxicology, 2014, 29, 117-127.	2.1	32
344	Immune toxicity of TiO ₂ under hypoxia in the green-lipped mussel <i>Perna viridis</i> based on flow cytometric analysis of hemocyte parameters. Science of the Total Environment, 2014, 470-471, 791-799.	3.9	62
345	Gelatin-encapsulated iron oxide nanoparticles for platinum (IV) prodrug delivery, enzyme-stimulated release and MRI. Biomaterials, 2014, 35, 6359-6368.	5.7	111
346	Characterization of a mortar made with cement and sludge from the light-emitting diode manufacturing process. Construction and Building Materials, 2014, 56, 106-112.	3.2	3
347	Enhanced toxicity of 'bulk' titanium dioxide compared to 'fresh' and 'aged' nano-TiO ₂ in marine mussels (<i>Mytilus galloprovincialis</i>). Nanotoxicology, 2014, 8, 549-558.	1.6	115
348	Impact of dietary cadmium sulphide nanoparticles on <i>Danio rerio</i> zebrafish at very low contamination pressure. Nanotoxicology, 2014, 8, 676-685.	1.6	35
349	The zebrafish (<i>Danio rerio</i>) as a model organism, with emphasis on applications for finfish aquaculture research. Reviews in Aquaculture, 2014, 6, 209-240.	4.6	113
350	Nanoparticles in wastewaters: Hazards, fate and remediation. Powder Technology, 2014, 255, 149-156.	2.1	105

#	ARTICLE	IF	CITATIONS
352	Acute embryonic exposure to nanosilver or silver ion does not disrupt the stress response in zebrafish (<i>Danio rerio</i>) larvae and adults. <i>Science of the Total Environment</i> , 2014, 478, 133-140.	3.9	16
353	Extracellular synthesis and characterization of nickel oxide nanoparticles from <i>Microbacterium</i> sp. MRS-1 towards bioremediation of nickel electroplating industrial effluent. <i>Bioresource Technology</i> , 2014, 165, 270-273.	4.8	50
354	Gills are an initial target of zinc oxide nanoparticles in oysters <i>Crassostrea gigas</i> , leading to mitochondrial disruption and oxidative stress. <i>Aquatic Toxicology</i> , 2014, 153, 27-38.	1.9	84
355	Effects of in vitro exposure to titanium dioxide on DNA integrity of bottlenose dolphin (<i>Tursiops</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 1.1 32	1.1	32
356	A marine mesocosm study on the environmental fate of silver nanoparticles and toxicity effects on two endobenthic species: The ragworm <i>Hediste diversicolor</i> and the bivalve mollusc <i>Scrobicularia plana</i> . <i>Science of the Total Environment</i> , 2014, 470-471, 1151-1159.	3.9	132
357	Magnetophoretic separation of microalgae: the role of nanoparticles and polymer binder in harvesting biofuel. <i>RSC Advances</i> , 2014, 4, 4114-4121.	1.7	71
358	Antibiofilm properties of chemically synthesized silver nanoparticles found against <i>Pseudomonas aeruginosa</i> . <i>Journal of Nanobiotechnology</i> , 2014, 12, 2.	4.2	139
359	The impact of titanium dioxide nanoparticles on biological nitrogen removal from wastewater and bacterial community shifts in activated sludge. <i>Biodegradation</i> , 2014, 25, 167-177.	1.5	63
360	Uncoated and coated ZnO nanoparticle life cycle in synthetic seawater. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 341-349.	2.2	37
361	Effects of Al ₂ O ₃ and TiO ₂ on the coagulation process by Al ₂ (SO ₄) ₃ (AS) and poly-aluminum chloride (PACl) in kaolin suspension. <i>Separation and Purification Technology</i> , 2014, 124, 9-17.	3.9	16
362	Toxicity of copper oxide nanoparticles in the blue mussel, <i>Mytilus edulis</i> : A redox proteomic investigation. <i>Chemosphere</i> , 2014, 108, 289-299.	4.2	98
363	Aquatic ecotoxicity effect of engineered aminoclay nanoparticles. <i>Ecotoxicology and Environmental Safety</i> , 2014, 102, 34-41.	2.9	23
364	The induction of biochemical changes in <i>Daphnia magna</i> by CuO and ZnO nanoparticles. <i>Aquatic Toxicology</i> , 2014, 150, 201-209.	1.9	79
365	Uptake of Ag and TiO ₂ nanoparticles by zebrafish embryos in the presence of other contaminants in the aquatic environment. <i>Water Research</i> , 2014, 55, 280-291.	5.3	55
366	Effects of engineered silver nanoparticles on the growth and activity of ecologically important microbes. <i>Environmental Microbiology Reports</i> , 2014, 6, 448-458.	1.0	60
367	Toxic effects and ultrastructural damages to <i>Daphnia magna</i> of two differently sized ZnO nanoparticles: Does size matter?. <i>Water Research</i> , 2014, 53, 339-350.	5.3	79
368	Metal oxide nanomaterials: health and environmental effects. , 2014, , 200-221.		18
369	Toxicity of ZnO engineered nanoparticles and evaluation of their effect on growth, metabolism and tissue specific accumulation in <i>Brassica juncea</i> . <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 105-114.	3.3	124

#	ARTICLE	IF	CITATIONS
370	Influence of stabilizers on the antimicrobial properties of silver nanoparticles introduced into natural water. <i>Journal of Environmental Sciences</i> , 2014, 26, 542-549.	3.2	25
371	Colloids in the Environmental Protection—Current and Future Trends. , 2014, , 635-677.		1
372	A preliminary investigation on nanohorn toxicity in marine mussels and polychaetes. <i>Science of the Total Environment</i> , 2014, 468-469, 111-119.	3.9	29
373	Oxidative stress induced by inorganic nanoparticles in bacteria and aquatic microalgae — state of the art and knowledge gaps. <i>Nanotoxicology</i> , 2014, 8, 605-630.	1.6	263
374	Derivatization of Colloidal Gold Nanoparticles Toward Their Application in Life Sciences11This chapter is an adopted version based on the PhD thesis of Dominik HÄ¼hn as submitted at the Philipps UniversitÄt Marburg.. <i>Comprehensive Analytical Chemistry</i> , 2014, 66, 153-206.	0.7	0
375	Development and evaluation of antimicrobial activated carbon fiber filters using <i>Sophora flavescens</i> nanoparticles. <i>Science of the Total Environment</i> , 2014, 493, 291-297.	3.9	31
376	Nickel Oxide Nanoparticles Induce Oxidative Stress and Morphological Changes on Marine <i>Chlorella vulgaris</i>. <i>Advanced Materials Research</i> , 0, 955-959, 956-960.	0.3	2
377	Genotoxic effects of Ag₂S and CdS nanoparticles in blue mussel (<i>Mytilus edulis</i>) haemocytes. <i>Chemistry and Ecology</i> , 2014, 30, 719-725.	0.6	18
378	Bioavailability of inorganic nanoparticles to planktonic bacteria and aquatic microalgae in freshwater. <i>Environmental Science: Nano</i> , 2014, 1, 214.	2.2	75
379	TiO₂ Nanoparticles Act As a Carrier of Cd Bioaccumulation in the Ciliate <i>Tetrahymena thermophila</i>. <i>Environmental Science & Technology</i> , 2014, 48, 7568-7575.	4.6	97
380	Behavior of TiO2 nanoparticles during incineration of solid paint waste: A lab-scale test. <i>Waste Management</i> , 2014, 34, 1897-1907.	3.7	29
381	Co-exposure to n-TiO2 and Cd2+ results in interactive effects on biomarker responses but not in increased toxicity in the marine bivalve <i>M. galloprovincialis</i> . <i>Science of the Total Environment</i> , 2014, 493, 355-364.	3.9	88
382	Methods, Mechanisms and Typical Bio—Indicators of Engineered Nanoparticle Ecotoxicology: An Overview. <i>Clean - Soil, Air, Water</i> , 2014, 42, 377-385.	0.7	5
383	Evidence of one-way flow bioaccumulation of gold nanoparticles across two trophic levels. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	33
384	Nanosilver Inhibits Freshwater Gastropod (<i>Physa acuta</i>) Ability to Assess Predation Risk. <i>American Midland Naturalist</i> , 2014, 171, 340-349.	0.2	12
385	Ecotoxicity of silver nanomaterials in the aquatic environment: A review of literature and gaps in nano-toxicological research. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 1588-1601.	0.9	46
386	Proteomic response of mussels <i>Mytilus galloprovincialis</i> exposed to CuO NPs and Cu2+: An exploratory biomarker discovery. <i>Aquatic Toxicology</i> , 2014, 155, 327-336.	1.9	78
387	Nano-QSAR modeling for predicting biological activity of diverse nanomaterials. <i>RSC Advances</i> , 2014, 4, 13215-13230.	1.7	126

#	ARTICLE	IF	CITATIONS
388	Common Strategies and Technologies for the Ecosafety Assessment and Design of Nanomaterials Entering the Marine Environment. ACS Nano, 2014, 8, 9694-9709.	7.3	149
389	Comparative Responses to Metal Oxide Nanoparticles in Marine Phytoplankton. Archives of Environmental Contamination and Toxicology, 2014, 67, 483-493.	2.1	50
390	Improved antibacterial activity of HAP garlanded PLGA ultrafine fibers incorporated with CuO: synthesis and characterization. Journal of Sol-Gel Science and Technology, 2014, 71, 43-49.	1.1	14
391	The Invertebrate Immune System as a Model for Investigating the Environmental Impact of Nanoparticles. , 2014, , 91-112.		19
392	Effect of Zinc, Copper and Calcium Phosphate Nano Particles on Growth of Spirulina platensis. The National Academy of Sciences, India, 2014, 37, 207-212.	0.8	2
393	Ecotoxicological Effect of Nano-silicon Dioxide Particles on <i>Daphnia Magna</i> . Integrated Ferroelectrics, 2014, 154, 64-72.	0.3	22
394	Environmental and health impacts of fine and ultrafine metallic particles: Assessment of threat scores. Environmental Research, 2014, 133, 185-194.	3.7	86
395	Effects of different coagulants in treatment of TiO ₂ –humic acid (HA) water and the aggregate characterization in different coagulation conditions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 446, 213-223.	2.3	14
396	Using a holistic approach to assess the impact of engineered nanomaterials inducing toxicity in aquatic systems. Journal of Food and Drug Analysis, 2014, 22, 128-146.	0.9	53
397	Susceptible genes regulate the adverse effects of TiO ₂ -NPs at predicted environmental relevant concentrations on nematode <i>Caenorhabditis elegans</i> . Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1263-1271.	1.7	76
398	A hydrodynamic method for the measurement of Laponite-RD caffeine binding. Applied Clay Science, 2014, 87, 197-204.	2.6	2
399	Interactive effects of n-TiO ₂ and 2,3,7,8-TCDD on the marine bivalve <i>Mytilus galloprovincialis</i> . Aquatic Toxicology, 2014, 153, 53-65.	1.9	130
400	Titanium dioxide nanoparticles as carrier facilitate bioaccumulation of phenanthrene in marine bivalve, ark shell (<i>Scapharca subcrenata</i>). Environmental Pollution, 2014, 192, 59-64.	3.7	56
401	Species sensitivity and dependence on exposure conditions impacting the phototoxicity of TiO ₂ nanoparticles to benthic organisms. Environmental Toxicology and Chemistry, 2014, 33, 1563-1569.	2.2	29
402	Nanomedicine and its applications to the treatment of prostate cancer. Annales Pharmaceutiques Francaises, 2014, 72, 303-316.	0.4	13
403	Feeding Trial of Red Sea Bream with Dioxin Reduced Fish Oil. , 2014, , 210-218.		2
404	Resuspended contaminated sediments cause sublethal stress to oysters: A biomarker differentiates total suspended solids and contaminant effects. Environmental Toxicology and Chemistry, 2015, 34, 1345-1353.	2.2	27
405	Interaction Mechanisms of Inorganic Nanoparticles and Biomolecular Systems of Microorganisms. Current Chemical Biology, 2015, 9, 10-22.	0.2	12

#	ARTICLE	IF	CITATIONS
406	Antifungal Activity of Selenium Nanoparticles Synthesized by <i>Bacillus</i> species Msh-1 Against <i>Aspergillus fumigatus</i> and <i>Candida albicans</i> . <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e26381.	0.2	84
407	Induced Chitinase and Chitosanase Activities in Turmeric Plants by Application of β -D-Glucan Nanoparticles. <i>Notulae Scientia Biologicae</i> , 2015, 7, 295-298.	0.1	2
408	Ecotoxicity of Nanoparticles in Aquatic Environments: A Review Based on Multivariate Statistics of Meta-Data. <i>Journal of Environmental Analytical Chemistry</i> , 2015, 02, .	0.3	4
409	Fate and Immunotoxic Effects of Silver Nanoparticles on Rainbow Trout in Natural Waters. <i>Journal of Nanomedicine & Nanotechnology</i> , 2015, 06, .	1.1	2
410	Impact of Carbon Nano-Onions on <i>Hydra vulgaris</i> as a Model Organism for Nanoecotoxicology. <i>Nanomaterials</i> , 2015, 5, 1331-1350.	1.9	57
411	Application of Biosynthesized Silver Nanoparticles for the Control of Land Snail <i>Eobania vermiculata</i> and Some Plant Pathogenic Fungi. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-10.	1.5	50
412	Nano-fertilizers and Their Smart Delivery System. , 2015, , 81-101.		154
413	Nanoparticles-Based Delivery Systems in Plant Genetic Transformation. , 2015, , 209-239.		7
414	Citrate gold nanoparticle exposure in the marine bivalve <i>Ruditapes philippinarum</i> : uptake, elimination and oxidative stress response. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17414-17424.	2.7	52
415	One-step synthesis of carboxyl-functionalized rare-earth fluoride nanoparticles for cell imaging and drug delivery. <i>RSC Advances</i> , 2015, 5, 33999-34007.	1.7	10
416	Transformations that affect fate, form and bioavailability of inorganic nanoparticles in aquatic sediments. <i>Environmental Chemistry</i> , 2015, 12, 627.	0.7	29
417	Bioaccumulation and oxidative stress responses measured in the estuarine ragworm (<i>Nereis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 32-40.	3.7	45
418	Hollow-fiber flow field-flow fractionation and multi-angle light scattering investigation of the size, shape and metal-release of silver nanoparticles in aqueous medium for nano-risk assessment. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 106, 92-99.	1.4	34
419	Multifunctional hollow $\text{CaF}_2:\text{Yb}^{3+}/\text{Er}^{3+}/\text{Mn}^{2+}$ -poly(2-Aminoethyl methacrylate) microspheres for Pt(IV) pro-drug delivery and tri-modal imaging. <i>Biomaterials</i> , 2015, 50, 154-163.	5.7	58
420	Release, Transport and Toxicity of Engineered Nanoparticles. <i>Reviews of Environmental Contamination and Toxicology</i> , 2015, 234, 1-47.	0.7	32
421	Analytical approaches to support current understanding of exposure, uptake and distributions of engineered nanoparticles by aquatic and terrestrial organisms. <i>Ecotoxicology</i> , 2015, 24, 239-261.	1.1	49
422	Chronic toxicity of silver nanoparticles to <i>Daphnia magna</i> under different feeding conditions. <i>Aquatic Toxicology</i> , 2015, 161, 10-16.	1.9	44
423	Silver nanoparticles impact phototrophic biofilm communities to a considerably higher degree than ionic silver. <i>Environmental Science and Pollution Research</i> , 2015, 22, 8412-8424.	2.7	30

#	ARTICLE	IF	CITATIONS
424	Comparative effects of dissolved copper and copper oxide nanoparticle exposure to the sea anemone, <i>Exaiptasia pallida</i> . <i>Aquatic Toxicology</i> , 2015, 160, 205-213.	1.9	40
425	Iron oxide nanoparticles to an Indian major carp, <i>Labeo rohita</i> : Impacts on hematology, iono regulation and gill Na ⁺ /K ⁺ ATPase activity. <i>Journal of King Saud University - Science</i> , 2015, 27, 151-160.	1.6	58
426	A multi-integrated approach on toxicity effects of engineered TiO ₂ nanoparticles. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 793-803.	3.3	19
427	Lipopolysaccharide Density and Structure Govern the Extent and Distance of Nanoparticle Interaction with Actual and Model Bacterial Outer Membranes. <i>Environmental Science & Technology</i> , 2015, 49, 10642-10650.	4.6	103
428	Short-term effects on antioxidant enzymes and long-term genotoxic and carcinogenic potential of CuO nanoparticles compared to bulk CuO and ionic copper in mussels <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2015, 111, 107-120.	1.1	80
429	Ecotoxicological impact of engineered nanomaterials in bivalve molluscs: An overview. <i>Marine Environmental Research</i> , 2015, 111, 74-88.	1.1	176
430	Evidence for TiO ₂ nanoparticle transfer in a hard-rock aquifer. <i>Journal of Contaminant Hydrology</i> , 2015, 179, 148-159.	1.6	10
431	Cellular responses of eastern oysters, <i>Crassostrea virginica</i> , to titanium dioxide nanoparticles. <i>Marine Environmental Research</i> , 2015, 111, 135-143.	1.1	29
432	The short-term toxic effects of TiO ₂ nanoparticles toward bacteria through viability, cellular respiration, and lipid peroxidation. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17917-17924.	2.7	62
433	Evidence for immunomodulation and apoptotic processes induced by cationic polystyrene nanoparticles in the hemocytes of the marine bivalve <i>Mytilus</i> . <i>Marine Environmental Research</i> , 2015, 111, 34-40.	1.1	291
434	Toxicokinetics and tissue distribution of cadmium-based Quantum Dots in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2015, 204, 207-214.	3.7	32
435	Particle Size Distributions of Particulate Emissions from the Ferroalloy Industry Evaluated by Electrical Low Pressure Impactor (ELPI). <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, 37-44.	0.4	40
436	Influence of copper oxide nanoparticle shape on bioaccumulation, cellular internalization and effects in the estuarine sediment-dwelling polychaete, <i>Nereis diversicolor</i> . <i>Marine Environmental Research</i> , 2015, 111, 89-98.	1.1	46
437	Iron oxide nanoparticles induced alterations in haematological, biochemical and ionoregulatory responses of an Indian major carp <i>Labeo rohita</i> . <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	28
438	CuO nanoparticle-humic acid (CuONP-HA) composite contaminant removal by coagulation/ultrafiltration process: The application of sodium alginate as coagulant aid. <i>Desalination</i> , 2015, 367, 265-271.	4.0	30
439	Characterization of Zinc Oxide Nano Particles and Their Effect on Growth of Maize (<i>Zea mays</i>)	0.9	72
440	Bioaccumulation, subcellular distribution and toxicity of sediment-associated copper in the ragworm <i>Nereis diversicolor</i> : The relative importance of aqueous copper, copper oxide nanoparticles and microparticles. <i>Environmental Pollution</i> , 2015, 202, 50-57.	3.7	33
441	Effect of copper nanoparticles and copper sulphate on oxidation stress, cell apoptosis and immune responses in the intestines of juvenile <i>Epinephelus coioides</i> . <i>Fish and Shellfish Immunology</i> , 2015, 44, 674-682.	1.6	90

#	ARTICLE	IF	CITATIONS
442	Comparative toxicities of bismuth oxybromide and titanium dioxide exposure on human skin keratinocyte cells. <i>Chemosphere</i> , 2015, 135, 83-93.	4.2	33
443	Dual-Targeting Nanosystem for Enhancing Photodynamic Therapy Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9287-9296.	4.0	92
444	Resistance of microalgae to colloidal silver nanoparticles. <i>Russian Journal of Plant Physiology</i> , 2015, 62, 253-261.	0.5	7
445	Neutral red retention time assay in determination of toxicity of nanoparticles. <i>Marine Environmental Research</i> , 2015, 111, 158-161.	1.1	21
446	Real-world carbon nanoparticle exposures induce brain and gonadal alterations in zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1070-1077.	1.7	52
447	Critical Review on the Toxicity of Some Widely Used Engineered Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 6209-6233.	1.8	222
448	The effects of zinc nanooxide on cellular stress responses of the freshwater mussels <i>Unio tumidus</i> are modulated by elevated temperature and organic pollutants. <i>Aquatic Toxicology</i> , 2015, 162, 82-93.	1.9	56
449	Study of the influence of multiwalled carbon nanotubes (12-14 nm) on the main target tissues of the bivalve <i>Modiolus modiolus</i> . <i>Nanotechnologies in Russia</i> , 2015, 10, 278-287.	0.7	18
450	Nanotechnologies in Food and Agriculture. , 2015, , .		49
451	Silver nanoparticle toxicity and association with the alga <i>Euglena gracilis</i> . <i>Environmental Science: Nano</i> , 2015, 2, 594-602.	2.2	92
452	Rescheduling the process of nanoparticle removal used for water mercury remediation can increase the risk to aquatic organism: evidence of innate immune functions modulation in European eel (<i>Anguilla anguilla</i> L.). <i>Environmental Science and Pollution Research</i> , 2015, 22, 18574-18589.	2.7	5
453	Toxicity of engineered metal oxide nanomaterials mediated by nano-bio-eco-interactions: a review and perspective. <i>Environmental Science: Nano</i> , 2015, 2, 564-582.	2.2	103
454	Behavior and Fate of Natural and Engineered Nanomaterials in Constructed Environments. , 2015, , 331-356.		0
455	Revealing the trehalose mediated inhibition of protein aggregation through lysozyme-silver nanoparticle interaction. <i>Soft Matter</i> , 2015, 11, 7241-7249.	1.2	28
456	Assessment Approaches, Test Methods, and Monitoring Strategies for Nanomaterials. , 2015, , 27-56.		0
457	Impacts of Silver Nanoparticles on a Natural Estuarine Plankton Community. <i>Environmental Science & Technology</i> , 2015, 49, 12968-12974.	4.6	36
458	Tissue specific responses to cadmium-based quantum dots in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2015, 169, 10-18.	1.9	38
459	An Overview on Fate, Transport, and Behavior of Nanomaterials in the Environment. , 2015, , 219-248.		0

#	ARTICLE	IF	CITATIONS
460	Environmental Hazards and Risks of Nanomaterials. , 2015, , 357-382.		7
461	Nano-Ecotoxicology of Natural and Engineered Nanoparticles for Plants. , 2015, , 469-485.		3
462	Use of porous cellulose microcapsules for water treatment. RSC Advances, 2015, 5, 83286-83294.	1.7	15
463	Multidisciplinary screening of toxicity induced by silica nanoparticles during sea urchin development. Chemosphere, 2015, 139, 486-495.	4.2	39
464	An examination of the ingestion, bioaccumulation, and depuration of titanium dioxide nanoparticles by the blue mussel (<i>Mytilus edulis</i>) and the eastern oyster (<i>Crassostrea virginica</i>). Marine Environmental Research, 2015, 110, 45-52.	1.1	37
465	Altered Behavior, Physiology, and Metabolism in Fish Exposed to Polystyrene Nanoparticles. Environmental Science & Technology, 2015, 49, 553-561.	4.6	421
466	A semi-empirical model for transport of inorganic nanoparticles across a lipid bilayer: Implications for uptake by living cells. Environmental Toxicology and Chemistry, 2015, 34, 488-496.	2.2	17
467	Natural Nanoparticles: Implications for Environment and Human Health. Critical Reviews in Environmental Science and Technology, 2015, 45, 861-904.	6.6	76
468	Genotoxicity assessment of TiO ₂ nanoparticles in the teleost <i>Danio rerio</i> . Ecotoxicology and Environmental Safety, 2015, 113, 223-230.	2.9	70
469	Nanoparticles in the Environment: Occurrence, Distribution, and Risks. Journal of Hazardous, Toxic, and Radioactive Waste, 2015, 19, .	1.2	27
470	CeO ₂ nanoparticles induce no changes in phenanthrene toxicity to the soil organisms <i>Porcellionides pruinosus</i> and <i>Folsomia candida</i> . Ecotoxicology and Environmental Safety, 2015, 113, 201-206.	2.9	18
471	Genotoxicity of metal oxide nanomaterials: review of recent data and discussion of possible mechanisms. Nanoscale, 2015, 7, 2154-2198.	2.8	163
472	Accumulation and toxicity of CuO and ZnO nanoparticles through waterborne and dietary exposure of goldfish (<i>Carassius auratus</i>). Environmental Toxicology, 2015, 30, 119-128.	2.1	80
473	Influence of titanium dioxide nanoparticles on 2,3,7,8-tetrachlorodibenzo-p-dioxin bioconcentration and toxicity in the marine fish European sea bass (<i>Dicentrarchus labrax</i>). Environmental Pollution, 2015, 196, 185-193.	3.7	62
474	Oxidative stress and histological changes following exposure to diamond nanoparticles in the freshwater Asian clam <i>Corbicula fluminea</i> (Müller, 1774). Journal of Hazardous Materials, 2015, 284, 27-34.	6.5	79
475	In vitro exposure of haemocytes of the clam <i>Ruditapes philippinarum</i> to titanium dioxide (TiO ₂) nanoparticles: Nanoparticle characterisation, effects on phagocytic activity and internalisation of nanoparticles into haemocytes. Marine Environmental Research, 2015, 103, 11-17.	1.1	58
476	Evaluation of alpha and gamma aluminum oxide nanoparticle accumulation, toxicity, and depuration in <i>Artemia salina</i> larvae. Environmental Toxicology, 2015, 30, 109-118.	2.1	53
477	Multibiomarker assessment of cerium dioxide nanoparticle (nCeO ₂) sublethal effects on two freshwater invertebrates, <i>Dreissena polymorpha</i> and <i>Gammarus roeseli</i> . Aquatic Toxicology, 2015, 158, 63-74.	1.9	43

#	ARTICLE	IF	CITATIONS
479	Impact of gold nanoparticles on zebrafish exposed to a spiked sediment. <i>Nanotoxicology</i> , 2015, 9, 71-80.	1.6	70
480	Toxicogenomic effects of nano- and bulk-TiO ₂ particles in the soil nematode <i>Caenorhabditis elegans</i> . <i>Nanotoxicology</i> , 2015, 9, 502-512.	1.6	28
481	High-performance polymer nanocomposites having a biosafe amino acid by incorporating modified nanozirconia with a flame-retardant coupling agent. <i>High Performance Polymers</i> , 2015, 27, 85-93.	0.8	5
482	Inhibition of potential uptake pathways for silver nanoparticles in the estuarine snail <i>Peringia ulvae</i> . <i>Nanotoxicology</i> , 2015, 9, 493-501.	1.6	44
483	THE GREEN SYNTHESIS, CHARACTERIZATION AND EVALUATION OF ANTIOXIDANT AND ANTIMICROBIAL EFFICACY OF SILVER&GOLD NANOSPHERES SYNTHESIZED FROM WHEAT BRAN. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2016, 9, 103.	0.3	6
484	The Effect of TiO ₂ Nanoparticles on the Aquatic Ecosystem: A Comparative Ecotoxicity Study with Test Organisms of Different Trophic Levels. <i>Periodica Polytechnica: Chemical Engineering</i> , 2016, 60, 231-243.	0.5	13
487	Silver Nanoparticles Affect Functional Bioenergetic Traits in the Invasive Red Sea Mussel <i>Brachidontes pharaonis</i> . <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	14
488	Biosynthesis and Characterization of Silver Nanoparticles by <i>Aspergillus</i> Species. <i>BioMed Research International</i> , 2016, 2016, 1-6.	0.9	69
489	Nanotoxicology: A Review. , 0, , .		18
490	Silver Nanoparticle-Mediated Cellular Responses in Various Cell Lines: An in Vitro Model. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1603.	1.8	209
491	Copper Nanoparticles Differentially Target Testis of the Catfish, <i>Clarias batrachus</i> : In vivo and In vitro Study. <i>Frontiers in Environmental Science</i> , 2016, 4, .	1.5	14
492	Characterization of Silver Nanoparticles Internalized by Arabidopsis Plants Using Single Particle ICP-MS Analysis. <i>Frontiers in Plant Science</i> , 2016, 7, 32.	1.7	90
493	Oral Toxicity and Intestinal Transport Mechanism of Colloidal Gold Nanoparticle-Treated Red Ginseng. <i>Nanomaterials</i> , 2016, 6, 208.	1.9	5
494	Nanotoxicity in Aquatic Invertebrates. , 0, , .		7
495	Exploring medium-term impact of oxide nanoparticles on soil microbial activity by isothermal microcalorimetry and urease assay. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 395-403.	1.3	5
496	Long-term exposure to gold nanoparticles accelerates larval metamorphosis without affecting mass in wood frogs (<i>Lithobates sylvaticus</i>) at environmentally relevant concentrations. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2304-2310.	2.2	19
497	Pro-oxidant effects of nano-TiO ₂ on <i>Chlamydomonas reinhardtii</i> during short-term exposure. <i>RSC Advances</i> , 2016, 6, 115271-115283.	1.7	8
498	Histopathological effects of waterborne silver nanoparticles and silver salt on the gills and liver of goldfish <i>Carassius auratus</i> . <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 1753-1760.	1.8	21

#	ARTICLE	IF	CITATIONS
499	Influence of zinc nanoparticles on survival of worms <i>Eisenia fetida</i> and taxonomic diversity of the gut microflora. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13245-13254.	2.7	34
500	Toxicity of TiO ₂ nanoparticle to denitrifying strain CFY1 and the impact on microbial community structures in activated sludge. <i>Chemosphere</i> , 2016, 144, 1334-1341.	4.2	37
501	Interactions of metal-based engineered nanoparticles with aquatic higher plants: A review of the state of current knowledge. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1677-1694.	2.2	51
502	Effects of grain size and structural heterogeneity on the transport and retention of nano-TiO ₂ in saturated porous media. <i>Science of the Total Environment</i> , 2016, 563-564, 987-995.	3.9	53
503	Effects of emerging contaminants on neurotransmission and biotransformation in marine organisms – An in vitro approach. <i>Marine Pollution Bulletin</i> , 2016, 106, 236-244.	2.3	28
504	Oxidative stress and genotoxic effects of diamond nanoparticles. <i>Environmental Research</i> , 2016, 148, 264-272.	3.7	28
505	Impact of bio-nanogold on seed germination and seedling growth in <i>Pennisetum glaucum</i> . <i>Enzyme and Microbial Technology</i> , 2016, 95, 107-111.	1.6	30
506	Antioxidant defences and haemocyte internalization in <i>Limnoperna fortunei</i> exposed to TiO ₂ nanoparticles. <i>Aquatic Toxicology</i> , 2016, 176, 190-196.	1.9	27
507	Toxicological impact of cadmium-based quantum dots towards aquatic biota: Effect of natural sunlight exposure. <i>Aquatic Toxicology</i> , 2016, 176, 197-207.	1.9	21
508	In vivo exposure of the marine clam <i>Ruditapes philippinarum</i> to zinc oxide nanoparticles: responses in gills, digestive gland and haemolymph. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15275-15293.	2.7	53
509	Ultrastructure of the gut epithelium in <i>Acheta domesticus</i> after long-term exposure to nanodiamonds supplied with food. <i>Arthropod Structure and Development</i> , 2016, 45, 253-264.	0.8	28
510	Nanoparticle Ecotoxicology. , 2016, , 343-450.		18
511	Plant Nanotechnology. , 2016, , .		35
514	Engineered nanomaterial-mediated changes in the metabolism of terrestrial plants. <i>Science of the Total Environment</i> , 2016, 571, 275-291.	3.9	135
515	Engineered Nanoparticle Release, Exposure Pathway and Dose, Measures and Measuring Techniques for Nanoparticle Exposure in Air. , 2016, , 115-150.		2
516	Nanoparticle Toxicity in Water, Soil, Microbes, Plant and Animals. <i>Sustainable Agriculture Reviews</i> , 2016, , 277-309.	0.6	5
517	Histopathological alterations in the gills of Nile tilapia exposed to carbofuran and multiwalled carbon nanotubes. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 481-488.	2.9	36
518	Nanomaterials for Monitoring and Remediation of Water Pollution. <i>Sustainable Agriculture Reviews</i> , 2016, , 207-233.	0.6	2

#	ARTICLE	IF	CITATIONS
519	Nanoparticles in Water, Soils and Agriculture. Sustainable Agriculture Reviews, 2016, , 311-358.	0.6	30
520	Mycoextraction of radiolabeled cesium and strontium by <i>Pleurotus eryngii</i> mycelia in the presence of alumina nanoparticles: Sorption and accumulation studies. Journal of Environmental Radioactivity, 2016, 164, 190-196.	0.9	8
521	Trophic transfer of metal-based nanoparticles in aquatic environments: a review and recommendations for future research focus. Environmental Science: Nano, 2016, 3, 966-981.	2.2	85
522	Changes of primary and secondary metabolites in barley plants exposed to CdO nanoparticles. Environmental Pollution, 2016, 218, 207-218.	3.7	107
523	The green synthesis of fine particles of gold using an aqueous extract of <i>Monothecha buxifolia</i> (Flac.). Russian Journal of Physical Chemistry A, 2016, 90, 2625-2632.	0.1	7
524	Biodynamics of copper oxide nanoparticles and copper ions in an oligochaete - Part II: Subcellular distribution following sediment exposure. Aquatic Toxicology, 2016, 180, 25-35.	1.9	17
525	Effect of Surface and Salt Properties on the Ion Distribution around Spherical Nanoparticles: Monte Carlo Simulations. Journal of Physical Chemistry B, 2016, 120, 7988-7997.	1.2	17
526	Toxicity Testing of Silver Nanoparticles in Artificial and Natural Sediments Using the Benthic Organism <i>Lumbriculus variegatus</i> . Archives of Environmental Contamination and Toxicology, 2016, 71, 405-414.	2.1	8
527	Nanotechnology in Soil-Plant System. , 2016, , 329-348.		8
528	Single and combined effects of aluminum (Al ₂ O ₃) and zinc (ZnO) oxide nanoparticles in a freshwater fish, <i>Carassius auratus</i> . Environmental Science and Pollution Research, 2016, 23, 24578-24591.	2.7	60
529	Agri-nanotechniques for Plant Availability of Nutrients. , 2016, , 263-303.		24
530	Plasmonic detection and visualization of directed adsorption of charged single nanoparticles to patterned surfaces. Mikrochimica Acta, 2016, 183, 2837-2845.	2.5	18
531	Detrimental Effects of Zinc Oxide Nanoparticles on Amphibian Life Stages. Journal of Experimental Zoology, 2016, 325, 415-424.	1.2	11
532	Stress and Protists: No life without stress. European Journal of Protistology, 2016, 55, 39-49.	0.5	28
533	Nanoparticle size and combined toxicity of TiO ₂ and DSLS (surfactant) contribute to lysosomal responses in digestive cells of mussels exposed to TiO ₂ nanoparticles. Nanotoxicology, 2016, 10, 1168-1176.	1.6	43
534	Freshwater Crayfish: A Potential Benthic-Zone Indicator of Nanosilver and Ionic Silver Pollution. Environmental Science & Technology, 2016, 50, 7056-7065.	4.6	24
535	Bioavailability of Engineered Nanoparticles in Soil Systems. Journal of Hazardous, Toxic, and Radioactive Waste, 2016, 20, .	1.2	32
536	Reactivity, characterization of reaction products and immobilization of lead in water and sediments using quercetin pentaphosphate. Environmental Sciences: Processes and Impacts, 2016, 18, 306-313.	1.7	4

#	ARTICLE	IF	CITATIONS
537	Effects of nanomaterials on marine invertebrates. <i>Science of the Total Environment</i> , 2016, 565, 933-940.	3.9	162
538	Effect of temperature on oxidative stress parameters and enzyme activity in tissues of Cape River crab (<i>Potamonautes perlatius</i>) following exposure to silver nanoparticles (AgNP). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 61-70.	1.1	33
539	Properties of CuO nanoparticles-humic acid (CuONP-HA) flocs and subsequent effect on membrane fouling: Influence of aluminum species and solution pH. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 788-796.	3.3	9
540	Effect of different levels of dietary copper nanoparticles and copper sulfate on growth performance, blood biochemical profiles, antioxidant status and immune response of red sea bream (<i>Pagrus major</i>). <i>Aquaculture</i> , 2016, 455, 32-40.	1.7	93
541	Efficacy of SnO ₂ nanoparticles toward photocatalytic degradation of methylene blue dye. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 155, 34-38.	1.7	244
542	Facile synthesis of vanadia nanoparticles and assessment of antibacterial activity and cytotoxicity. <i>Materials Technology</i> , 2016, 31, 562-573.	1.5	22
543	Integrated assessment of ceria nanoparticle impacts on the freshwater bivalve <i>Dreissena polymorpha</i> . <i>Nanotoxicology</i> , 2016, 10, 935-944.	1.6	37
544	Nanoparticles: The Next Generation Technology for Sustainable Agriculture. , 2016, , 289-300.		95
545	Microbial Inoculants in Sustainable Agricultural Productivity. , 2016, , .		40
546	Synthesis, characterization and toxicological evaluation of Cr ₂ O ₃ nanoparticles using <i>Daphnia magna</i> and <i>Aliivibrio fischeri</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 128, 36-43.	2.9	26
547	Genotoxic and histopathological biomarkers for assessing the effects of magnetic exfoliated vermiculite and exfoliated vermiculite in <i>Danio rerio</i> . <i>Science of the Total Environment</i> , 2016, 551-552, 228-237.	3.9	10
548	Toxicity and transfer of polyvinylpyrrolidone-coated silver nanowires in an aquatic food chain consisting of algae, water fleas, and zebrafish. <i>Aquatic Toxicology</i> , 2016, 173, 94-104.	1.9	56
549	Subcellular partitioning kinetics, metallothionein response and oxidative damage in the marine mussel <i>Mytilus galloprovincialis</i> exposed to cadmium-based quantum dots. <i>Science of the Total Environment</i> , 2016, 554-555, 130-141.	3.9	33
550	Enhanced uptake of antibiotic resistance genes in the presence of nanoalumina. <i>Nanotoxicology</i> , 2016, 10, 1051-1060.	1.6	61
551	Controllable synthesis of silver nanoparticles using Neem leaves and their antimicrobial activity. <i>Journal of Radiation Research and Applied Sciences</i> , 2016, 9, 109-115.	0.7	311
552	Morphology Tuning of Self-Assembled Perylene Monoimide from Nanoparticles to Colloidosomes with Enhanced Excimeric NIR Emission for Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 2336-2347.	4.0	26
554	Investigating the versatility of multifunctional silver nanoparticles: preparation and inspection of their potential as wound treatment agents. <i>International Nano Letters</i> , 2016, 6, 51-63.	2.3	21
555	Removal of hexavalent chromium using polyacrylonitrile/titanium dioxide nanofiber membrane. <i>Desalination and Water Treatment</i> , 2016, 57, 16177-16183.	1.0	15

#	ARTICLE	IF	CITATIONS
556	Inorganic engineered nanoparticles in drinking water treatment: a critical review. <i>Environmental Science: Water Research and Technology</i> , 2016, 2, 43-70.	1.2	187
557	In Vivo toxicological assessment of biologically synthesized silver nanoparticles in adult Zebrafish (<i>Danio rerio</i>). <i>Journal of Hazardous Materials</i> , 2016, 301, 480-491.	6.5	122
558	Histopathological effects of silver and copper nanoparticles on the epidermis, gills, and liver of Siberian sturgeon. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1621-1633.	2.7	95
559	Nano-sized polystyrene affects feeding, behavior and physiology of brine shrimp <i>Artemia franciscana</i> larvae. <i>Ecotoxicology and Environmental Safety</i> , 2016, 123, 18-25.	2.9	280
560	Cumulative effect of zinc oxide and titanium oxide nanoparticles on growth and chlorophyll a content of <i>Picochlorum</i> sp.. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2821-2830.	2.7	66
561	Citrate coated silver nanoparticles change heavy metal toxicities and bioaccumulation of <i>Daphnia magna</i> . <i>Chemosphere</i> , 2016, 143, 99-105.	4.2	57
562	Visceral fat increase and signals of inflammation in adipose tissue after administration of titanium dioxide nanoparticles in mice. <i>Toxicology and Industrial Health</i> , 2017, 33, 147-158.	0.6	19
563	Digestive cell lysosomes as main targets for Ag accumulation and toxicity in marine mussels, <i>Mytilus galloprovincialis</i> , exposed to maltose-stabilised Ag nanoparticles of different sizes. <i>Nanotoxicology</i> , 2017, 11, 168-183.	1.6	38
564	Characterization of silver nanoparticle aggregates using single particle-inductively coupled plasma-mass spectrometry (splCP-MS). <i>Chemosphere</i> , 2017, 171, 468-475.	4.2	17
565	New insights provided by solvent relaxation NMR-measured surface area in liquids to explain phenolics sorption on silica nanoparticles. <i>Environmental Science: Nano</i> , 2017, 4, 577-584.	2.2	11
566	Effects of Chronic Exposure to Silver Nanoparticles on <i>Ruditapes decussatus</i> Gills Using Biochemical Markers. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	9
567	Role of Humic Acid in Enhancing Dissolved Air Flotation for the Removal of TiO_2 Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2212-2220.	1.8	18
568	Effects of nano-TiO ₂ on <i>Chlamydomonas reinhardtii</i> cell surface under UV, natural light conditions. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2017, 32, 217-222.	0.4	4
569	How do physicochemical properties influence the toxicity of silver nanoparticles on freshwater decomposers of plant litter in streams?. <i>Ecotoxicology and Environmental Safety</i> , 2017, 140, 148-155.	2.9	29
570	Effects of dietary copper nanoparticles and vitamin C supplementations on growth performance, immune response and stress resistance of red sea bream, <i>Pagrus major</i> . <i>Aquaculture Nutrition</i> , 2017, 23, 1329-1340.	1.1	63
571	Nanotechnologies for Environmental Remediation. , 2017, , .		17
572	Photocatalytic effects of titanium dioxide nanoparticles on aquatic organismsâ€”Current knowledge and suggestions for future research. <i>Aquatic Toxicology</i> , 2017, 185, 138-148.	1.9	64
573	Distribution, Bioaccumulation, Trophic Transfer, and Influences of CeO_2 Nanoparticles in a Constructed Aquatic Food Web. <i>Environmental Science & Technology</i> , 2017, 51, 5205-5214.	4.6	34

#	ARTICLE	IF	CITATIONS
574	Toxicity assessment of ZnO-decorated Au nanoparticles in the Mediterranean clam <i>Ruditapes decussatus</i> . <i>Aquatic Toxicology</i> , 2017, 188, 10-19.	1.9	21
575	Reduction of pulmonary toxicity of metal oxide nanoparticles by phosphonate-based surface passivation. <i>Particle and Fibre Toxicology</i> , 2017, 14, 13.	2.8	61
576	Osmotin-loaded magnetic nanoparticles with electromagnetic guidance for the treatment of Alzheimer's disease. <i>Nanoscale</i> , 2017, 9, 10619-10632.	2.8	86
577	The role of high-throughput screening in ecotoxicology and engineered nanomaterials. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1704-1714.	2.2	17
578	Intracellular localization and toxicity of graphene oxide and reduced graphene oxide nanoplatelets to mussel hemocytes in vitro. <i>Aquatic Toxicology</i> , 2017, 188, 138-147.	1.9	46
579	Nanomaterials for water pollution monitoring and remediation. <i>Environmental Chemistry Letters</i> , 2017, 15, 23-27.	8.3	92
580	Modulatory effects of Zn ²⁺ ions on the toxicity of citrate- and PVP-capped gold nanoparticles towards freshwater algae, <i>Scenedesmus obliquus</i> . <i>Environmental Science and Pollution Research</i> , 2017, 24, 3790-3801.	2.7	11
581	Lysosomal responses to different gold forms (nanoparticles, aqueous, bulk) in mussel digestive cells: a trade-off between the toxicity of the capping agent and form, size and exposure concentration. <i>Nanotoxicology</i> , 2017, 11, 658-670.	1.6	9
582	Long-term toxicity of surface-charged polystyrene nanoplastics to marine planktonic species <i>Dunaliella tertiolecta</i> and <i>Artemia franciscana</i> . <i>Aquatic Toxicology</i> , 2017, 189, 159-169.	1.9	304
583	Genotoxic and mutagenic assessment of iron oxide (maghemite- γ -Fe ₂ O ₃) nanoparticle in the guppy <i>Poecilia reticulata</i> . <i>Chemosphere</i> , 2017, 183, 305-314.	4.2	55
584	Impact of exposure time, particle size and uptake pathway on silver nanoparticle effects on circulating immune cells in <i>Mytilus galloprovincialis</i> . <i>Journal of Immunotoxicology</i> , 2017, 14, 116-124.	0.9	31
585	The genotoxicity of copper oxide nanoparticles to marine organisms based on the example of the Pacific mussel <i>Mytilus trossulus</i> gould, 1850 (Bivalvia: Mytilidae). <i>Russian Journal of Marine Biology</i> , 2017, 43, 171-175.	0.2	7
586	Short-term exposure to gold nanoparticle suspension impairs swimming behavior in a widespread calanoid copepod. <i>Environmental Pollution</i> , 2017, 228, 102-110.	3.7	12
587	Histopathology and analyses of inflammation intensity in the gills of mussels exposed to silver nanoparticles: role of nanoparticle size, exposure time, and uptake pathways. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 582-591.	1.3	22
589	Toxicity of titanium dioxide nanoparticles to <i>Chlorella vulgaris</i> Beyerinck (Beijerinck) 1890 (Trebouxiophyceae, Chlorophyta) under changing nitrogen conditions. <i>Aquatic Toxicology</i> , 2017, 187, 108-114.	1.9	41
590	Signaling pathways involved in metal-based nanomaterial toxicity towards aquatic organisms. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 196, 61-70.	1.3	10
591	Genotoxic potential of copper oxide nanoparticles in the bivalve mollusk <i>Mytilus trossulus</i> . <i>Journal of Ocean University of China</i> , 2017, 16, 339-345.	0.6	20
592	Effects of monovalent and divalent metal cations on the aggregation and suspension of Fe ₃ O ₄ magnetic nanoparticles in aqueous solution. <i>Science of the Total Environment</i> , 2017, 586, 817-826.	3.9	46

#	ARTICLE	IF	CITATIONS
593	Short-Time Effect of Multi-Walled Carbon Nanotubes on Some Histological and Biochemical Parameters in Marine Bivalves <i>Crenomytilus grayanus</i> (Dunker, 1853) and <i>Swiftopecten swifti</i> (Bernardi, 1858). Nano Hybrids and Composites, 0, 13, 225-231.	0.8	7
594	Toxicity of Cu and Cr Nanoparticles to <i>Daphnia magna</i> . Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	27
595	Pb(II) Removal Using TiO ₂ -Embedded Monolith Composite Cryogel as an Alternative Wastewater Treatment Method. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	20
596	Biological synthesis of metallic nanoparticles: plants, animals and microbial aspects. Nanotechnology for Environmental Engineering, 2017, 2, 1.	2.0	324
597	Omics tools: New challenges in aquatic nanotoxicology?. Aquatic Toxicology, 2017, 193, 72-85.	1.9	41
598	Quantitative Nanostructure-Activity Relationships: Methods, Case Studies, and Perspectives. Nanomedicine and Nanotoxicology, 2017, , 361-376.	0.1	2
599	Transcriptomic Response of <i>Arabidopsis thaliana</i> Exposed to CuO Nanoparticles, Bulk Material, and Ionic Copper. Environmental Science & Technology, 2017, 51, 10814-10824.	4.6	40
600	Zinc oxide nanoparticle toxicity in embryonic zebrafish: Mitigation with different natural organic matter. Environmental Pollution, 2017, 230, 1125-1140.	3.7	57
601	Facilitation of trace metal uptake in cells by inulin coating of metallic nanoparticles. Royal Society Open Science, 2017, 4, 170480.	1.1	13
602	Interaction of Engineered Nanoparticles with the Agri-environment. Journal of Agricultural and Food Chemistry, 2017, 65, 8279-8294.	2.4	73
603	Characterization and Influence of Green Synthesis of Nano-Sized Zinc Complex with 5-aminolevulinic Acid on Bioactive Compounds of Aniseed. Chemistry and Biodiversity, 2017, 14, e1700197.	1.0	11
604	Engineered Nanoparticles in the Environments: Interactions with Microbial Systems and Microbial Activity. , 2017, , 63-107.		6
605	Blue mussels (<i>Mytilus edulis</i> spp.) as sentinel organisms in coastal pollution monitoring: A review. Marine Environmental Research, 2017, 130, 338-365.	1.1	347
606	Are the TiO ₂ NPs a "Trojan horse" for personal care products (PCPs) in the clam <i>Ruditapes philippinarum</i> ?. Chemosphere, 2017, 185, 192-204.	4.2	33
607	Accumulation of copper in the cell compartments of charophyte <i>Nitellopsis obtusa</i> after its exposure to copper oxide nanoparticle suspension. Environmental Science and Pollution Research, 2017, 24, 27653-27661.	2.7	6
608	Acute toxicity of copper oxide nanoparticles to <i>Daphnia magna</i> under different test conditions. Toxicological and Environmental Chemistry, 2017, 99, 665-679.	0.6	22
609	A Study on Antimicrobial Effects of Nanosilver for Drinking Water Disinfection. Springer Theses, 2017, , ,	0.0	2
610	Effects of subchronic exposure to zinc nanoparticles on tissue accumulation, serum biochemistry, and histopathological changes in tilapia (<i>Oreochromis niloticus</i>). Environmental Toxicology, 2017, 32, 1213-1225.	2.1	14

#	ARTICLE	IF	CITATIONS
611	Toxicity of copper oxide nanoparticles on <i>Spirodela polyrrhiza</i> : assessing physiological parameters. <i>Research on Chemical Intermediates</i> , 2017, 43, 927-941.	1.3	13
612	Graphene as a new material in anticancer therapy-in vitro studies. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 152-165.	4.0	44
613	Impact of bio-palladium nanoparticles (bio-Pd NPs) on the activity and structure of a marine microbial community. <i>Environmental Pollution</i> , 2017, 220, 1068-1078.	3.7	25
615	Nitric Oxide Ameliorates Zinc Oxide Nanoparticles Phytotoxicity in Wheat Seedlings: Implication of the Ascorbate-Glutathione Cycle. <i>Frontiers in Plant Science</i> , 2017, 8, 1.	1.7	1,394
616	General error model for analysis of laser-induced incandescence signals. <i>Applied Optics</i> , 2017, 56, 8436.	0.9	26
617	In Situ Synthesis of Silver Nanoparticles on the Polyelectrolyte-Coated Sericin/PVA Film for Enhanced Antibacterial Application. <i>Materials</i> , 2017, 10, 967.	1.3	27
618	Bio-removal of Azo Dyes: A Review. <i>International Journal of Applied Sciences and Biotechnology</i> , 2017, 5, 108-126.	0.4	109
619	The Review of Small Size Silver Nanoparticle Neurotoxicity: A Repeat Study. <i>Journal of Cytology & Histology</i> , 2017, 08, .	0.1	12
620	Financial Risk Management Practices in Financial and Non-Financial Firms; Survey of Pakistani Firms. <i>SSRN Electronic Journal</i> , 2017, , .	0.4	0
621	Melanomacrophage response and hepatic histopathologic biomarkers in the guppy <i>Poecilia reticulata</i> exposed to iron oxide (maghemite) nanoparticles. <i>Aquatic Toxicology</i> , 2018, 198, 63-72.	1.9	34
622	Effect of exposure time, particle size and uptake pathways in immune cell lysosomal cytotoxicity of mussels exposed to silver nanoparticles. <i>Drug and Chemical Toxicology</i> , 2018, 41, 169-174.	1.2	19
623	Ecotoxicological impacts of exposure to copper oxide nanoparticles on the gill of the Swan mussel, <i>Anodonta cygnea</i> (Linnaeus, 1758). <i>Molluscan Research</i> , 2018, 38, 187-197.	0.2	7
625	Solubilization of polycyclic aromatic hydrocarbons (PAHs) with phenol in coking wastewater treatment system: Interaction and engineering significance. <i>Science of the Total Environment</i> , 2018, 628-629, 467-473.	3.9	48
626	Transcriptomic approach: A promising tool for rapid screening nanomaterial-mediated toxicity in the marine bivalve <i>Mytilus edulis</i> -Application to copper oxide nanoparticles. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 205, 26-33.	1.3	15
627	Changes in metallothionein transcription levels in the mussel <i>Mytilus galloprovincialis</i> exposed to CdTe quantum dots. <i>Ecotoxicology</i> , 2018, 27, 402-410.	1.1	13
628	Bioaccumulation and effects of titanium dioxide nanoparticles and bulk in the clam <i>Ruditapes philippinarum</i> . <i>Marine Environmental Research</i> , 2018, 136, 179-189.	1.1	38
629	Meta-analysis of <i>Daphnia magna</i> nanotoxicity experiments in accordance with test guidelines. <i>Environmental Science: Nano</i> , 2018, 5, 765-775.	2.2	13
630	Stress Responses of Aquatic Plants to Silver Nanoparticles. <i>Environmental Science & Technology</i> , 2018, 52, 2558-2565.	4.6	82

#	ARTICLE	IF	CITATIONS
631	Acute exposure to TiO ₂ nanoparticles produces minimal apparent effects on oyster, <i>Crassostrea virginica</i> (Gmelin), hemocytes. <i>Marine Pollution Bulletin</i> , 2018, 127, 512-523.	2.3	10
632	Paper material containing Ag cations immobilised in faujasite: synthesis, characterisation and antibacterial effects. <i>Cellulose</i> , 2018, 25, 1353-1364.	2.4	3
633	Combined effects of ZnO NPs and seawater acidification on the haemocyte parameters of thick shell mussel <i>Mytilus coruscus</i> . <i>Science of the Total Environment</i> , 2018, 624, 820-830.	3.9	35
634	Metabolism, survival, and gene expression of <i>Pseudomonas putida</i> to hematite nanoparticles mediated by surface-bound humic acid. <i>Environmental Science: Nano</i> , 2018, 5, 682-695.	2.2	26
635	Uptake and Intracellular Fate of Engineered Nanoparticles in Mammalian Cells: Capabilities and Limitations of Transmission Electron Microscopy-Polymer-Based Nanoparticles. <i>Advanced Materials</i> , 2018, 30, 1703704.	11.1	67
636	Antimicrobial activity of ZnO-TiO ₂ nanomaterials synthesized from three different precursors of ZnO: influence of ZnO/TiO ₂ weight ratio. <i>Water Science and Technology</i> , 2018, 77, 1238-1249.	1.2	20
637	Nanoparticles in the environment: where do we come from, where do we go to?. <i>Environmental Sciences Europe</i> , 2018, 30, 6.	2.6	595
638	Role of endocytotic uptake routes in impacting the ROS-related toxicity of silver nanoparticles to <i>Mytilus galloprovincialis</i> : A redox proteomic investigation. <i>Aquatic Toxicology</i> , 2018, 200, 21-27.	1.9	27
639	Cytotoxicity of CeO ₂ nanoparticles using in vitro assay with <i>Mytilus galloprovincialis</i> hemocytes: Relevance of zeta potential, shape and biocorona formation. <i>Aquatic Toxicology</i> , 2018, 200, 13-20.	1.9	39
640	Mussel digestive gland as a model tissue for assessing xenobiotics: An overview. <i>Science of the Total Environment</i> , 2018, 636, 220-229.	3.9	215
642	Removal of Congo red dye from aqueous medium by its catalytic reduction using sodium borohydride in the presence of various inorganic nano-catalysts: A review. <i>Journal of Cleaner Production</i> , 2018, 187, 296-307.	4.6	210
643	<i>Environmental Nanotechnology</i> , 2018, , 1-32.		2
644	Nanocolloids in Natural Water: Isolation, Characterization, and Toxicity. <i>Environmental Science & Technology</i> , 2018, 52, 4850-4860.	4.6	48
645	Complex role of titanium dioxide nanoparticles in the trophic transfer of arsenic from <i>Nannochloropsis maritima</i> to <i>Artemia salina</i> nauplii. <i>Aquatic Toxicology</i> , 2018, 198, 231-239.	1.9	17
646	Mechanisms of toxic action of copper and copper nanoparticles in two Amazon fish species: Dwarf cichlid (<i>Apistogramma agassizii</i>) and cardinal tetra (<i>Paracheirodon axelrodi</i>). <i>Science of the Total Environment</i> , 2018, 630, 1168-1180.	3.9	60
647	Effect of TiO ₂ nanoparticle aggregation on marine microalgae <i>Isochrysis galbana</i> . <i>Journal of Environmental Sciences</i> , 2018, 66, 208-215.	3.2	47
648	TiO ₂ nanoparticles in the marine environment: Impact on the toxicity of phenanthrene and Cd ²⁺ to marine zooplankton <i>Artemia salina</i> . <i>Science of the Total Environment</i> , 2018, 615, 375-380.	3.9	45
649	ZnO Nanoparticles: Effect of Size on Bacterial Bioluminescence, Seed Germination, Algal Growth, and Gene Mutation. <i>Environmental Engineering Science</i> , 2018, 35, 231-239.	0.8	9

#	ARTICLE	IF	CITATIONS
650	Histopathological indices and inflammatory response in the digestive gland of the mussel <i>Mytilus galloprovincialis</i> as biomarker of immunotoxicity to silver nanoparticles. <i>Biomarkers</i> , 2018, 23, 277-287.	0.9	12
651	Emerging Pollutants: Fate, Pathways, and Bioavailability. , 2018, , 327-358.		5
652	Opportunities to advance sustainable design of nano-enabled agriculture identified through a literature review. <i>Environmental Science: Nano</i> , 2018, 5, 11-26.	2.2	57
653	Biosynthesis and characterization of silver nanoparticles from fungal species and its antibacterial and anticancer effect. <i>Karala International Journal of Modern Science</i> , 2018, 4, 86-92.	0.5	32
654	Interaction, transformation and toxicity assessment of particles and additives used in the semiconducting industry. <i>Chemosphere</i> , 2018, 192, 178-185.	4.2	8
655	Neurobehavioral assessment of rats exposed to pristine polystyrene nanoplastics upon oral exposure. <i>Chemosphere</i> , 2018, 193, 745-753.	4.2	94
656	Comparative effects of graphene and graphene oxide on copper toxicity to <i>Daphnia magna</i> : Role of surface oxygenic functional groups. <i>Environmental Pollution</i> , 2018, 236, 962-970.	3.7	33
657	Effects of three different nanoparticles on bioaccumulation, oxidative stress, osmoregulatory, and immune responses of <i>Carcinus aestuarii</i> . <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 693-716.	0.6	6
658	Eco-friendly Synthesis of Silver Nanoparticles Using Carica Papaya Leaf Extract and Its Antibiofilm Activity. <i>SSRN Electronic Journal</i> , 2018, , .	0.4	2
659	Plant Nanobionics and Its Applications for Developing Plants with Improved Photosynthetic Capacity. , 0, , .		11
660	The Toxicity of Nanoparticles to Organisms in Freshwater. <i>Reviews of Environmental Contamination and Toxicology</i> , 2018, 248, 1-80.	0.7	11
661	Zinc and Silver Nanoparticles: Properties, Applications and Impact to the Aquatic Environment. , 2018, , 167-190.		1
662	Nanomaterials: Toxicity, Risk Management and Public Perception. , 2018, , 283-304.		7
663	Cellular Bioreactivity of Micro- and Nano-Plastic Particles in Oysters. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	51
664	The surface reactivity of iron oxide nanoparticles as a potential hazard for aquatic environments: A study on <i>Daphnia magna</i> adults and embryos. <i>Scientific Reports</i> , 2018, 8, 13017.	1.6	29
665	Dry Powder Assay Rapidly Detects Metallic Nanoparticles in Water by Measuring Surface Catalytic Reactivity. <i>Environmental Science & Technology</i> , 2018, 52, 13289-13297.	4.6	15
666	Redox proteomic insights into involvement of clathrin-mediated endocytosis in silver nanoparticles toxicity to <i>Mytilus galloprovincialis</i> . <i>PLoS ONE</i> , 2018, 13, e0205765.	1.1	13
667	Morphometric characteristics and time to hatch as efficacious indicators for potential nanotoxicity assay in zebrafish. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 3063-3076.	2.2	8

#	ARTICLE	IF	CITATIONS
668	Variations in sweet basil in response to Green synthesized Zinc-Amino nano complexes. Journal of Cleaner Production, 2018, 196, 452-459.	4.6	16
669	Physical and chemical characterization of natural and modified nanoclays and their ecotoxicity on a freshwater algae species (<i>Chlamydomonas reinhardtii</i>). Environmental Toxicology and Chemistry, 2018, 37, 2860-2870.	2.2	3
670	Nanotechnology Interaction with Environment. , 2018, , 1-24.		0
671	Toxicity Evaluation of Graphene Oxide and Titania Loaded Nafion Membranes in Zebrafish. Frontiers in Physiology, 2017, 8, 1039.	1.3	45
672	Absorption and Bio-Transformation of Selenium Nanoparticles by Wheat Seedlings (<i>Triticum aestivum</i>) Tj ETQq0 0 0,rgBT /Overlock 10 T	1.7	95
673	Uptake mechanism of metabolic-targeted gold nanoparticles. Nanomedicine, 2018, 13, 1535-1549.	1.7	20
674	Adverse Effects of Genotoxicity, Bioaccumulation and Ionoregulatory Modulation of Two Differently Synthesized Iron Oxide Nanoparticles on Zebrafish (<i>Danio rerio</i>). Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 2603-2611.	1.9	14
675	An environmentally relevant concentration of titanium dioxide (TiO ₂) nanoparticles induces morphological changes in the mouthparts of <i>Chironomus tentans</i> . Chemosphere, 2018, 211, 489-499.	4.2	21
676	The synergic impacts of TiO ₂ nanoparticles and 17 β -estradiol (E ₂) on the immune responses, E ₂ accumulation, and expression of immune-related genes of the blood clam, <i>Tegillarca granosa</i> . Fish and Shellfish Immunology, 2018, 81, 29-36.	1.6	19
677	Bio-inspired nanomaterials in agriculture and food: Current status, foreseen applications and challenges. Microbial Pathogenesis, 2018, 123, 196-200.	1.3	62
678	Occupational exposure and consequent health impairments due to potential incidental nanoparticles in leather tanneries: An evidential appraisal of south Asian developing countries. Environment International, 2018, 117, 164-174.	4.8	20
679	Hexavalent chromium removal from aqueous solution using functionalized chitosan as a novel nano-adsorbent: modeling and optimization, kinetic, isotherm, and thermodynamic studies, and toxicity testing. Environmental Science and Pollution Research, 2018, 25, 20154-20168.	2.7	38
680	Availability and Risk Assessment of Nanoparticles in Living Systems. , 2018, , 1-31.		8
681	Zebrafish or <i>Danio rerio</i> : A New Model in Nanotoxicology Study. , 0, , .		3
682	Plant Response to Engineered Nanoparticles. , 2018, , 103-118.		7
683	Route of exposure has a major impact on uptake of silver nanoparticles in Atlantic salmon (<i>Salmo</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 21	2.2	21
684	Interaction of Copper Oxide Nanoparticles With Plants. , 2018, , 297-310.		17
685	Photocatalytic degradation of azo dye using core@shell nano-TiO ₂ particles to reduce toxicity. Environmental Science and Pollution Research, 2018, 25, 29493-29504.	2.7	14

#	ARTICLE	IF	CITATIONS
686	Status of nanoremediation and its potential for future deployment: Risk-benefit and benchmarking appraisals. <i>Remediation</i> , 2018, 28, 43-56.	1.1	46
687	Influence of titanium dioxide nanoparticles on the toxicity of arsenate in <i>Nannochloropsis maritima</i> . <i>Chemosphere</i> , 2018, 209, 191-200.	4.2	7
688	De novo transcriptome assembly and differential gene expression analysis of the calanoid copepod <i>Acartia tonsa</i> exposed to nickel nanoparticles. <i>Chemosphere</i> , 2018, 209, 163-172.	4.2	25
689	Regeneration and reuse of polymeric nanocomposites in wastewater remediation: the future of economic water management. <i>Polymer Bulletin</i> , 2019, 76, 647-681.	1.7	21
690	Cytotoxic and mutagenic effects of green silver nanoparticles in cancer and normal cells: a brief review. <i>Nucleus (India)</i> , 2019, 62, 277-285.	0.9	8
691	Ecotoxicity of nano-metal oxides: A case study on daphnia magna. <i>Ecotoxicology</i> , 2019, 28, 878-889.	1.1	17
692	Pyrethrum extract encapsulated in nanoparticles: Toxicity studies based on genotoxic and hematological effects in bullfrog tadpoles. <i>Environmental Pollution</i> , 2019, 253, 1009-1020.	3.7	27
693	Interaction of Copper-Based Nanoparticles to Soil, Terrestrial, and Aquatic Systems: Critical Review of the State of the Science and Future Perspectives. <i>Reviews of Environmental Contamination and Toxicology</i> , 2019, 252, 51-96.	0.7	33
694	Impact of engineered nanomaterials either alone or loaded with NPK on growth and productivity of French bean plants: Seed priming vs foliar application. <i>South African Journal of Botany</i> , 2019, 125, 102-108.	1.2	49
695	Safety assessment of antibiotic administration by magnetic nanoparticles in in vitro zebrafish liver and intestine cultures. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 224, 108559.	1.3	2
696	The Influence of Available Cu and Au Nanoparticles (NPs) on the Survival of Water Fleas (<i>Daphnia</i>)	1.2	8
697	The engineered nanoparticles in food chain: potential toxicity and effects. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	31
698	Current methods to monitor microalgae-nanoparticle interaction and associated effects. <i>Aquatic Toxicology</i> , 2019, 217, 105311.	1.9	37
699	Predictive Metabolomic Signatures for Safety Assessment of Metal Oxide Nanoparticles. <i>ACS Nano</i> , 2019, 13, 13065-13082.	7.3	47
700	An overview of treatment technologies for the removal of emerging and nanomaterials contaminants from municipal and industrial wastewater. , 2019, , 3-40.		5
701	Multifunctional Nanorobot System for Active Therapeutic Delivery and Synergistic Chemo-photothermal Therapy. <i>Nano Letters</i> , 2019, 19, 8550-8564.	4.5	79
702	Comparative Proteomics on Deep-Sea Amphipods after in Situ Copper Exposure. <i>Environmental Science & Technology</i> , 2019, 53, 13981-13991.	4.6	9
703	Exposure of key marine species to sunscreens: Changing ecotoxicity as a possible indirect effect of global warming. <i>Marine Pollution Bulletin</i> , 2019, 149, 110517.	2.3	21

#	ARTICLE	IF	CITATIONS
704	Toxicity of nanoparticles_ challenges and opportunities. Applied Microscopy, 2019, 49, 2.	0.8	21
705	Toxicity of TiO ₂ , SiO ₂ , ZnO, CuO, Au and Ag engineered nanoparticles on hatching and early nauplii of <i>Artemia</i> sp.. PeerJ, 2019, 6, e6138.	0.9	28
706	Soybean Interaction with Engineered Nanomaterials: A Literature Review of Recent Data. Nanomaterials, 2019, 9, 1248.	1.9	30
707	Effects of graphene oxide nanomaterial exposures on the marine bivalve, <i>Crassostrea virginica</i> . Aquatic Toxicology, 2019, 216, 105297.	1.9	36
708	How toxic is a non-toxic nanomaterial: Behaviour as an indicator of effect in <i>Danio rerio</i> exposed to nanogold. Aquatic Toxicology, 2019, 215, 105287.	1.9	15
709	Enhanced toxicity of environmentally transformed ZnO nanoparticles relative to Zn ions in the epibenthic amphipod <i>Hyalella azteca</i> . Environmental Science: Nano, 2019, 6, 325-340.	2.2	36
710	Antioxidant imbalance and genotoxicity detected in fish induced by titanium dioxide nanoparticles (NpTiO ₂) and inorganic lead (PbII). Environmental Toxicology and Pharmacology, 2019, 67, 42-52.	2.0	15
711	The effect of capping agents on the toxicity of silver nanoparticles to <i>Danio rerio</i> embryos. Nanotoxicology, 2019, 13, 1-13.	1.6	32
712	Innate Immunity Provides Biomarkers of Health for Teleosts Exposed to Nanoparticles. Frontiers in Immunology, 2018, 9, 3074.	2.2	27
713	The impacts of warming on the toxicity of carbon nanotubes in mussels. Marine Environmental Research, 2019, 145, 11-21.	1.1	30
714	A 72h exposure study with eastern oysters (<i>Crassostrea virginica</i>) and the nanomaterial graphene oxide. Environmental Toxicology and Chemistry, 2019, 38, 820-830.	2.2	22
715	Cytotoxic and hemotoxic effects of silver nanoparticles on the African Catfish, <i>Clarias gariepinus</i> (Burchell, 1822). Ecotoxicology and Environmental Safety, 2019, 171, 638-646.	2.9	34
716	Magnetic Nanoparticles: A Unique Gene Delivery System in Plant Science. Nanotechnology in the Life Sciences, 2019, , 95-108.	0.4	1
717	Formation and output of collaborations: the role of proximity in German nanotechnology. Journal of Evolutionary Economics, 2019, 29, 697-719.	0.8	17
718	Immunotoxicity of four nanoparticles to a marine bivalve species, <i>Tegillarca granosa</i> . Journal of Hazardous Materials, 2019, 377, 237-248.	6.5	65
719	Microbial Nanobionics. Nanotechnology in the Life Sciences, 2019, , .	0.4	7
720	Ecotoxic Effect of Photocatalytic Active Nanoparticles on Human Health and the Environment. Nanotechnology in the Life Sciences, 2019, , 145-168.	0.4	0
721	Ecotoxicity Assessment of Fe ₃ O ₄ Magnetic Nanoparticle Exposure in Adult Zebrafish at an Environmental Pertinent Concentration by Behavioral and Biochemical Testing. Nanomaterials, 2019, 9, 873.	1.9	28

#	ARTICLE	IF	CITATIONS
722	Combined effects of ZnO nanoparticles and toxic Microcystis on life-history traits of Daphnia magna. Chemosphere, 2019, 233, 482-492.	4.2	25
723	Ecotoxicity of nanomaterials in amphibians: A critical review. Science of the Total Environment, 2019, 686, 332-344.	3.9	45
724	Methods of Using Nanomaterials to Plant Systems and Their Delivery to Plants (Mode of Entry, Uptake,) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	29
725	Understanding Nanoparticle Toxicity Mechanisms To Inform Redesign Strategies To Reduce Environmental Impact. Accounts of Chemical Research, 2019, 52, 1632-1642.	7.6	176
726	Magnetic Nanostructures. Nanotechnology in the Life Sciences, 2019, , .	0.4	19
727	Comet assay in ecogenotoxicology: Applications in Mytilus sp. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 842, 50-59.	0.9	18
728	Impact of fullerene C60 on behavioral and hematological changes in the freshwater fish, Anabas testudineus (Bloch, 1792). Applied Nanoscience (Switzerland), 2019, 9, 2147-2167.	1.6	10
729	Intestinal Microbiocenosis Disorders in Danio rerio (Hamilton, 1882) and Inhibition of Protective Mechanisms under Nickel-Containing Nanoparticle-Induced Effects. Inland Water Biology, 2019, 12, 115-123.	0.2	2
730	Differentiating Silver Nanoparticles and Ions in Medaka Larvae by Coupling Two Aggregation-Induced Emission Fluorophores. Environmental Science & Technology, 2019, 53, 5895-5905.	4.6	19
731	Nanoparticles for cosmetic use and its application. , 2019, , 113-146.		15
732	Season influences the transcriptomic effects of dietary exposure to PVP/PEI coated Ag nanoparticles on mussels Mytilus galloprovincialis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 222, 19-30.	1.3	2
733	Uptake and translocation of magnetite (Fe3O4) nanoparticles and its impact on photosynthetic genes in barley (Hordeum vulgare L.). Chemosphere, 2019, 226, 110-122.	4.2	117
734	Are the primary characteristics of polystyrene nanoplastics responsible for toxicity and ad/absorption in the marine diatom Phaeodactylum tricornutum?. Environmental Pollution, 2019, 249, 610-619.	3.7	122
735	A Critical Review of the Application of Nanomaterials in Frac Fluids: The State of the Art and Challenges. , 2019, , .		7
736	Boron and pigment content in alfalfa affected by nano fertilization under calcareous conditions. Journal of Trace Elements in Medicine and Biology, 2019, 53, 136-143.	1.5	8
737	Ecotoxicity of silver nanoparticles on plankton organisms: a review. Journal of Nanoparticle Research, 2019, 21, 1.	0.8	28
738	Exposure to a nanosilver-enabled consumer product results in similar accumulation and toxicity of silver nanoparticles in the marine mussel Mytilus galloprovincialis. Aquatic Toxicology, 2019, 211, 46-56.	1.9	51
739	A Comparative Assessment of Nanotoxicity Induced by Metal (Silver, Nickel) and Metal Oxide (Cobalt,) Tj ETQq1 1 0.784314 rgBT /Overl	1.9	35

#	ARTICLE	IF	CITATIONS
740	Differential lethal and sublethal effects in embryonic zebrafish exposed to different sizes of silver nanoparticles. <i>Environmental Pollution</i> , 2019, 248, 627-634.	3.7	20
741	Impact of superparamagnetic iron oxide nanoparticles (SPIONs) and ionic iron on physiology of summer squash (<i>Cucurbita pepo</i>): A comparative study. <i>Plant Physiology and Biochemistry</i> , 2019, 139, 56-65.	2.8	40
742	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in <i>Mytilus galloprovincialis</i> . <i>Environmental Research</i> , 2019, 175, 200-212.	3.7	28
743	Tracking of NiFe ₂ O ₄ nanoparticles in barley (<i>Hordeum vulgare</i> L.) and their impact on plant growth, biomass, pigmentation, catalase activity, and mineral uptake. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2019, 11, 100223.	1.7	24
744	Changes in protein expression in mussels <i>Mytilus galloprovincialis</i> dietarily exposed to PVP/PEI coated silver nanoparticles at different seasons. <i>Aquatic Toxicology</i> , 2019, 210, 56-68.	1.9	26
745	Trophic transfer of CuO nanoparticles from brine shrimp (<i>Artemia salina</i>) nauplii to convict cichlid (<i>Amatitlania nigrofasciata</i>) larvae: uptake, accumulation and elimination. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9610-9618.	2.7	11
746	Life-cycle assessment of engineered nanomaterials. , 2019, , 815-846.		2
747	Preparation and Characterization of Nano-sized Sr ¹⁸² AgxTiO ₃ System as Antimicrobial Nanomaterial Coating for Paper Base Packaging Materials. <i>Journal of Packaging Technology and Research</i> , 2019, 3, 67-75.	0.6	4
748	A lysosome-specific near-infrared fluorescent probe for in vitro cancer cell detection and non-invasive in vivo imaging. <i>Chemical Communications</i> , 2019, 55, 14182-14185.	2.2	10
749	Nanoparticle-Biological Interactions in a Marine Benthic Foraminifer. <i>Scientific Reports</i> , 2019, 9, 19441.	1.6	31
750	Investigating the effects of pH, surfactant and ionic strength on the stability of alumina/water nanofluids using DLVO theory. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 1185-1196.	2.0	56
751	Determination of nanoparticle heteroaggregation attachment efficiencies and rates in presence of natural organic matter monomers. Monte Carlo modelling. <i>Science of the Total Environment</i> , 2019, 650, 530-540.	3.9	30
752	Copper Bioaccumulation Kinetics in Swan Mussel, <i>Anodonta cygnea</i> (Linnaeus, 1758) During Waterborne Exposure to CuO Nanoparticles. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 46-51.	1.3	4
753	Iron Oxide Nanomaterials for the Removal of Heavy Metals and Dyes From Wastewater. , 2019, , 447-472.		55
754	Dietary exposure of mussels to PVP/PEI coated Ag nanoparticles causes Ag accumulation in adults and abnormal embryo development in their offspring. <i>Science of the Total Environment</i> , 2019, 655, 48-60.	3.9	18
755	Toxicokinetics and toxic effects of a Chinese PFOS alternative F-53B in adult zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 460-466.	2.9	40
756	Effects of Copper Oxide Nanoparticles on Tissue Accumulation and Antioxidant Enzymes of <i>Galleria mellonella</i> L.. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 341-346.	1.3	36
757	Metal accumulation, biochemical and behavioral responses on the Mediterranean clams <i>Ruditapes decussatus</i> exposed to two photocatalyst nanocomposites (TiO ₂ NPs and AuTiO ₂ NPs). <i>Aquatic Toxicology</i> , 2019, 208, 71-79.	1.9	51

#	ARTICLE	IF	CITATIONS
758	Bioaccumulation, tissue and cell distribution, biomarkers and toxicopathic effects of CdS quantum dots in mussels, <i>Mytilus galloprovincialis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 288-300.	2.9	18
759	Synthesis and characterization of molecularly imprinted ferrite (SiO ₂ @Fe ₂ O ₃) nanomaterials for the removal of nickel (Ni ²⁺ ions) from aqueous solution. <i>Journal of Materials Research and Technology</i> , 2019, 8, 1400-1411.	2.6	23
760	Investigating a transcriptomic approach on marine mussel hemocytes exposed to carbon nanofibers: An in vitro/in vivo comparison. <i>Aquatic Toxicology</i> , 2019, 207, 19-28.	1.9	11
761	Uptake and elimination of emerging polyfluoroalkyl substance F-53B in zebrafish larvae: Response of oxidative stress biomarkers. <i>Chemosphere</i> , 2019, 215, 182-188.	4.2	35
762	Nanoparticle-Induced Ecotoxicological Risks in Aquatic Environments. , 2019, , 129-141.		3
763	Phytotoxicity of Silver Nanoparticles to Aquatic Plants, Algae, and Microorganisms. , 2019, , 143-168.		17
764	DNA damages and offspring quality in sea urchin <i>Paracentrotus lividus</i> sperms exposed to ZnO nanoparticles. <i>Science of the Total Environment</i> , 2019, 651, 756-765.	3.9	28
765	Functional sustainability of periphytic biofilms in organic matter and Cu ²⁺ removal during prolonged exposure to TiO ₂ nanoparticles. <i>Journal of Hazardous Materials</i> , 2019, 370, 4-12.	6.5	41
766	Chlorpyrifos degradation via photoreactive TiO ₂ nanoparticles: Assessing the impact of a multi-component degradation scenario. <i>Journal of Hazardous Materials</i> , 2019, 372, 61-68.	6.5	54
767	Trends in aquaculture sciences: from now to use of nanotechnology for disease control. <i>Reviews in Aquaculture</i> , 2019, 11, 119-132.	4.6	74
768	Sublethal effects of chronic exposure to CdO or PbO nanoparticles or their binary mixture on the honey bee (<i>Apis mellifera</i> L.). <i>Environmental Science and Pollution Research</i> , 2020, 27, 19004-19015.	2.7	36
769	Facile synthesis of Cu-doped ZnO nanoparticle in triethyleneglycol: photocatalytic activities and aquatic ecotoxicity. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 3745-3755.	1.2	5
770	Specific dynamic action of mussels exposed to TiO ₂ nanoparticles and seawater acidification. <i>Chemosphere</i> , 2020, 241, 125104.	4.2	17
771	Reviews of Environmental Contamination and Toxicology Volume 252. <i>Reviews of Environmental Contamination and Toxicology</i> , 2020, , .	0.7	1
772	The protective effects of vitamin C on common carp (<i>Cyprinus carpio</i>) exposed to titanium oxide nanoparticles (TiO ₂ -NPs). <i>Aquaculture</i> , 2020, 518, 734734.	1.7	52
773	The application of natural polymer-based hydrogels for agriculture. , 2020, , 329-356.		13
774	Hepatotoxic effects of silver nanoparticles on <i>Clarias gariepinus</i> ; Biochemical, histopathological, and histochemical studies. <i>Toxicology Reports</i> , 2020, 7, 133-141.	1.6	47
775	A Comprehensive Cheminformatics Analysis of Structural Features Affecting the Binding Activity of Fullerene Derivatives. <i>Nanomaterials</i> , 2020, 10, 90.	1.9	10

#	ARTICLE	IF	CITATIONS
776	Fluorescent Reporters for Drug Delivery Monitoring. <i>Israel Journal of Chemistry</i> , 2020, 60, 504-518.	1.0	17
777	Understanding effect of interaction of nanoparticles and antibiotics on bacteria survival under aquatic conditions: Knowns and unknowns. <i>Environmental Research</i> , 2020, 181, 108945.	3.7	13
779	Application of asymmetric flow field-flow fractionation to the study of aquatic systems: Coupled methods, challenges, and future needs. <i>Journal of Chromatography A</i> , 2020, 1632, 461600.	1.8	12
780	Bioreactivity and Sunlight Potentiation of Hybrid Polymer Nanoparticles in Oysters, <i>Crassostrea virginica</i> . <i>Environmental Science & Technology</i> , 2020, 54, 10031-10038.	4.6	3
781	The Effects of In Vivo Exposure to Copper Oxide Nanoparticles on the Gut Microbiome, Host Immunity, and Susceptibility to a Bacterial Infection in Earthworms. <i>Nanomaterials</i> , 2020, 10, 1337.	1.9	24
782	Australia's Blue Re-Growth?. <i>Asia-Pacific Journal of Ocean Law and Policy</i> , 2020, 5, 207-218.	0.1	0
783	A review: zinc oxide nanoparticles – friends or enemies?. <i>International Journal of Environmental Health Research</i> , 2022, 32, 885-901.	1.3	94
784	Interactions between polystyrene nanoparticles and <i>Chlamydomonas reinhardtii</i> monitored by infrared spectroscopy combined with molecular biology. <i>Environmental Pollution</i> , 2020, 266, 115227.	3.7	9
785	Uptake, translocation and biotransformation of selenium nanoparticles in rice seedlings (<i>Oryza</i>). <i>Journal of Agricultural Science</i> , 2020, 150, 421-427.	4.2	61
786	The Crucial Role of Environmental Coronas in Determining the Biological Effects of Engineered Nanomaterials. <i>Small</i> , 2020, 16, e2003691.	5.2	66
788	Anti-bacterial/fungal and anti-cancer performance of green synthesized Ag nanoparticles using summer savory extract. <i>Journal of Experimental Nanoscience</i> , 2020, 15, 363-380.	1.3	40
789	Antimicrobial Air Filter Coating with Plant Extracts Against Airborne Microbes. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9120.	1.3	10
790	Size, shape, charge and "stealthy" surface: Carrier properties affect the drug circulation time in vivo. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 444-458.	4.3	110
791	Present status of hybrid materials for potable water decontamination: a review. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 3214-3248.	1.2	19
792	Evaluation of the biocompatibility of the GSH-coated Ag2S quantum dots in vitro: a perfect example for the non-toxic optical probes. <i>Molecular Biology Reports</i> , 2020, 47, 4117-4129.	1.0	24
793	Recovery of an urbanised estuary: Clean-up, de-industrialisation and restoration of redundant dock-basins in the Mersey. <i>Marine Pollution Bulletin</i> , 2020, 156, 111150.	2.3	12
794	Nanomaterials for cosmeceuticals: nanomaterials-induced advancement in cosmetics, challenges, and opportunities. , 2020, , 79-108.		17
795	The Known and Unknown about the Environmental Safety of Nanomaterials in Commerce. <i>Small</i> , 2020, 16, e2000690.	5.2	22

#	ARTICLE	IF	CITATIONS
797	Nanoparticles decrease the byssal attachment strength of the thick shell mussel <i>Mytilus coruscus</i> . <i>Chemosphere</i> , 2020, 257, 127200.	4.2	17
798	Environmental transformation of n-TiO ₂ in the aquatic systems and their ecotoxicity in bivalve mollusks: A systematic review. <i>Ecotoxicology and Environmental Safety</i> , 2020, 200, 110776.	2.9	31
799	Application of Biomarker Tools Using Bivalve Models Toward the Development of Adverse Outcome Pathways for Contaminants of Emerging Concern. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1472-1484.	2.2	21
800	Microalgal ecotoxicity of nanoparticles: An updated review. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110781.	2.9	46
801	In vivo effects on the immune function of fathead minnow (<i>Pimephales promelas</i>) following ingestion and intraperitoneal injection of polystyrene nanoplastics. <i>Science of the Total Environment</i> , 2020, 735, 139461.	3.9	39
802	Immunotoxicity of polystyrene nanoplastics in different hemocyte subpopulations of <i>Mytilus galloprovincialis</i> . <i>Scientific Reports</i> , 2020, 10, 8637.	1.6	47
803	Effects of nanosilver on hematologic, histologic and molecular parameters of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2020, 225, 105549.	1.9	9
804	Nanosilver impacts on aquatic microbial decomposers and litter decomposition assessed as pollution-induced community tolerance (PICT). <i>Environmental Science: Nano</i> , 2020, 7, 2130-2139.	2.2	11
805	Zinc Oxide Nanoparticles Damage Tobacco BY-2 Cells by Oxidative Stress Followed by Processes of Autophagy and Programmed Cell Death. <i>Nanomaterials</i> , 2020, 10, 1066.	1.9	25
806	Seasonal formation and stability of dissolved metal particles in mining-impacted, lacustrine sediments. <i>Journal of Contaminant Hydrology</i> , 2020, 232, 103655.	1.6	3
807	Determination of the X-ray attenuation coefficient of bismuth oxychloride nanoplates in polydimethylsiloxane. <i>Journal of Materials Science</i> , 2020, 55, 7095-7105.	1.7	14
808	Behaviour and biochemical responses of the marine clam <i>Ruditapes decussatus</i> exposed to phosphogypsum. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 3651-3662.	1.2	2
809	The Response of Microalgae <i>Chlorella</i> sp. to Free and Immobilized ZrO ₂ and Mg(OH) ₂ Nanoparticles: Perspective from the Growth Characteristics. <i>Environmental Engineering Science</i> , 2020, 37, 429-438.	0.8	5
810	Transcriptome alterations and genotoxic influences in zebrafish larvae after exposure to dissolved aluminum and aluminum oxide nanoparticles. <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 546-554.	1.3	8
811	Inhibition of Estrogenic Response of Yeast Screen Assay by Exposure to Non-Lethal Levels of Metallic Nanoparticles. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3796.	1.3	0
812	Graphene oxide as a new anthropogenic stress factor - multigenerational study at the molecular, cellular, individual and population level of <i>Acheta domesticus</i> . <i>Journal of Hazardous Materials</i> , 2020, 396, 122775.	6.5	25
813	Accumulation of metal-based nanoparticles in marine bivalve mollusks from offshore aquaculture as detected by single particle ICP-MS. <i>Environmental Pollution</i> , 2020, 260, 114043.	3.7	40
814	Hierarchical Micro/Mesoporous Copper Structure with Enhanced Antimicrobial Property via Laser Surface Texturing. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901890.	1.9	51

#	ARTICLE	IF	CITATIONS
815	Nanotoxic impacts on staple food crops: Thereâ€™s plenty of room for the unpredictables. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 3725-3736.	5.4	8
816	Identification and visualisation of microplastics/nanoplastics by Raman imaging (i): Down to 100Ånm. <i>Water Research</i> , 2020, 174, 115658.	5.3	169
817	Oxidative stress, metabolic and histopathological alterations in mussels exposed to remediated seawater by GO-PEI after contamination with mercury. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 243, 110674.	0.8	28
818	Lethal and sub-lethal effects of nanosized titanium dioxide particles on <i>Hydropsyche excollata</i> Dufour, 1841. <i>Aquatic Insects</i> , 2020, 41, 85-103.	0.6	5
819	Mechanisms for cellular uptake of nanosized clinical MRI contrast agents. <i>Nanotoxicology</i> , 2020, 14, 504-532.	1.6	26
820	Effects of suspended mineral coal dust on the energetic physiology of the Caribbean scallop <i>Argopecten nucleus</i> (Born, 1778). <i>Environmental Pollution</i> , 2020, 260, 114000.	3.7	9
821	Particle size and concentration dependent toxicity of copper oxide nanoparticles (CuONPs) on seed yield and antioxidant defense system in soil grown soybean (<i>Glycine max</i> cv. Kowsar). <i>Science of the Total Environment</i> , 2020, 715, 136994.	3.9	76
822	Evaluation of Antifungal and Photocatalytic Activities of Gelatin-Stabilized Selenium Oxide Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3036-3044.	1.9	26
823	Biophysical effects of polystyrene nanoparticles on <i>Elliptio complanata</i> mussels. <i>Environmental Science and Pollution Research</i> , 2020, 27, 25093-25102.	2.7	8
824	Toxicity evaluation of iron oxide nanoparticles and accumulation by microalgae <i>Coelastrella terrestris</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 19650-19660.	2.7	38
825	Influence of aquatic colloids on the bioaccumulation and biological effects of diclofenac in zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110470.	2.9	14
826	Seed priming in nanoparticles of water treatment residual can increase the germination and growth of cucumber seedling under salinity stress. <i>Journal of Plant Nutrition</i> , 2020, 43, 1862-1874.	0.9	13
827	Comparative developmental toxicity of iron oxide nanoparticles and ferric chloride to zebrafish (<i>Danio rerio</i>) after static and semi-static exposure. <i>Chemosphere</i> , 2020, 254, 126792.	4.2	45
828	Behavioural response as a reliable measure of acute nanomaterial toxicity in zebrafish larvae exposed to a carbon-based versus a metal-based nanomaterial. <i>African Zoology</i> , 2020, 55, 57-66.	0.2	5
829	Cytotoxic Effects of Plant Sap-Derived Extracellular Vesicles on Various Tumor Cell Types. <i>Journal of Functional Biomaterials</i> , 2020, 11, 22.	1.8	47
830	Engineered nanomaterials in the environment: Are they safe?. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1443-1478.	6.6	88
831	Cell and tissue level responses in mussels <i>Mytilus galloprovincialis</i> dietarily exposed to PVP/PEI coated Ag nanoparticles at two seasons. <i>Science of the Total Environment</i> , 2021, 750, 141303.	3.9	4
832	Physiological effects of plastic particles on mussels are mediated by food presence. <i>Journal of Hazardous Materials</i> , 2021, 404, 124136.	6.5	46

#	ARTICLE	IF	CITATIONS
833	Pollution assessment of nanomaterials. , 2021, , 921-973.		4
834	Comparison of toxicokinetics and toxic effects of PFOS and its novel alternative OBS in zebrafish larvae. Chemosphere, 2021, 265, 129116.	4.2	19
835	Tissue-specific genotoxicity and antioxidant imbalance of titanium dioxide nanoparticles (NPTiO ₂) and inorganic lead (PbII) in a neotropical fish species. Environmental Toxicology and Pharmacology, 2021, 82, 103551.	2.0	10
836	Assessing microplastic as a vector for chemical entry into fish larvae using a novel tube-feeding approach. Chemosphere, 2021, 265, 129144.	4.2	20
837	Toxicological effects and bioaccumulation of fullerene C ₆₀ (FC ₆₀) in the marine bivalve Ruditapes philippinarum. Ecotoxicology and Environmental Safety, 2021, 207, 111560.	2.9	10
838	Nanofertilizers for sustainable fruit production: a review. Environmental Chemistry Letters, 2021, 19, 1693-1714.	8.3	29
839	Composite Nanoarchitectonics: Alginate Beads Encapsulating Sepiolite/Magnetite/Prussian Blue for Removal of Cesium Ions from Water. Bulletin of the Chemical Society of Japan, 2021, 94, 122-132.	2.0	44
840	Prospective of functionalized nanomaterials in environmental science: A nanotechnological approach. , 2021, , 13-60.		1
841	Molecular mechanism of nano-fertilizer in plant growth and development: A recent account. , 2021, , 535-560.		7
842	Advances in nano-based delivery systems of micronutrients for a greener agriculture. , 2021, , 111-143.		3
843	Nano-toxicity and Aquatic Food Chain. Advances in Science, Technology and Innovation, 2021, , 189-198.	0.2	2
844	Environmental Nanotechnology: Its Applications, Effects and Management. , 2021, , 47-72.		1
845	Impacts of nanomaterials synthesized by greener methods on aquatic vertebrates. , 2021, , 463-486.		0
846	Nanoparticle Biosynthesis and Interaction with the Microbial Cell, Antimicrobial and Antibiofilm Effects, and Environmental Impact. Nanotechnology in the Life Sciences, 2021, , 371-405.	0.4	1
847	Ecotoxicologic effects of silver nanoparticles on freshwater nontarget species. , 2021, , 705-733.		0
848	Understanding nanoplastic toxicity and their interaction with engineered cationic nanopolymers in microalgae by physiological and proteomic approaches. Environmental Science: Nano, 2021, 8, 2277-2296.	2.2	13
849	Nanomaterials for Textile Waste Treatment. Environmental Chemistry for A Sustainable World, 2021, , 663-684.	0.3	2
850	Mechanisms of toxicity of engineered nanoparticles: adverse outcome pathway for dietary silver nanoparticles in mussels. , 2021, , 39-82.		0

#	ARTICLE	IF	CITATIONS
851	Peptide-driven bio-assisted removal of metal oxide nanoparticles from an aqueous suspension: A novel strategy for water remediation. <i>Journal of Cleaner Production</i> , 2021, 285, 124852.	4.6	2
852	Toxicity of gamma aluminium oxide nanoparticles in the Mediterranean mussel (<i>Mytilus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TTS digestive gland. <i>Biomarkers</i> , 2021, 26, 248-259.	0.9	9
853	Functional and Morphological Changes Induced in <i>Mytilus</i> Hemocytes by Selected Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 470.	1.9	16
854	The Investigation of TiO ₂ NPs Effect as a Wastewater Treatment to Mitigate Cd Negative Impact on Bamboo Growth. <i>Sustainability</i> , 2021, 13, 3200.	1.6	9
855	Effects of metal nanoparticle-mediated treatment on seed quality parameters of different crops. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 1067-1089.	1.4	22
856	Novel Imaging of Silver Nanoparticle Uptake by a Unicellular Alga and Trophic Transfer to <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2021, 55, 5143-5151.	4.6	39
857	The Application Progress of Nano Materials for Remediation in Contaminated Soil. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 692, 032035.	0.2	0
858	Chemically and Green Synthesized ZnO Nanoparticles Alter Key Immunological Molecules in Common Carp (<i>Cyprinus carpio</i>) Skin Mucus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3270.	1.8	64
859	“Nanosize effect” in the metal-handling strategy of the bivalve <i>Scrobicularia plana</i> exposed to CuO nanoparticles and copper ions in whole-sediment toxicity tests. <i>Science of the Total Environment</i> , 2021, 760, 143886.	3.9	8
860	Does the photocatalytic activity of nanoparticles protect the marine mussel <i>Mytilus galloprovincialis</i> from polycyclic aromatic hydrocarbon toxicity?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 44301-44314.	2.7	0
861	Biosafety risk assessment of nanoparticles: Evidence from food case studies. <i>Environmental Pollution</i> , 2021, 275, 116662.	3.7	22
862	A Comparative Study on the Effect of Acute Toxicity of Nano and Micro Boron Particles in <i>Lemna minor</i> (Linnaeus 1753). <i>Journal of Boron</i> , 0, , .	0.0	0
863	Expatriating the impact of anthropogenic aspects and climatic factors on long-term soil monitoring and management. <i>Environmental Science and Pollution Research</i> , 2021, 28, 30528-30550.	2.7	84
864	Assessment and abatement of the eco-risk caused by mine spoils in the dry subtropical climate. <i>Environmental Geochemistry and Health</i> , 2022, 44, 1581-1603.	1.8	7
865	Identification, behavior analysis, and control of snail pest in agricultural fields using signal analysis and nanoparticles. <i>Applied Nanoscience (Switzerland)</i> , 2023, 13, 529-538.	1.6	6
866	The Toxic Side of Nanotechnology: An Insight into Hazards to Health and the Ecosystem. <i>Micro and Nanosystems</i> , 2022, 14, 21-33.	0.3	6
867	Silver/chitosan nanocomposites induce physiological and histological changes in freshwater bivalve. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 65, 126719.	1.5	6
868	A comparative study on aquatic toxicity of chemically-synthesized and green synthesis silver nanoparticles on <i>daphnia magna</i> . <i>International Journal of Environmental Health Research</i> , 2022, 32, 2149-2159.	1.3	2

#	ARTICLE	IF	CITATIONS
869	Cerium oxide nanoparticles induced physio-biochemical, neurochemical, and morphological responses in <i>Cirrhinus mrigala</i> during short term exposure. <i>Asia-Pacific Journal of Molecular Biology and Biotechnology</i> , 0, , 51-61.	0.2	0
870	Evaluation of potential immunotoxic effects of iron oxide nanoparticles (IONPs) on antioxidant capacity, immune responses and tissue bioaccumulation in common carp (<i>Cyprinus carpio</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 244, 109005.	1.3	11
871	Silver nanoparticlesâ€™ impact on the gene expression of the cytosolic adaptor MyD-88 and the interferon regulatory factor IRF in the gills and digestive gland of <i>mytilus galloprovincialis</i> . <i>Drug and Chemical Toxicology</i> , 2021, , 1-8.	1.2	0
873	Internalization and induction of defense responses in tobacco by harpin conjugated gold nanoparticles as a foliar spray. <i>Colloids and Interface Science Communications</i> , 2021, 43, 100438.	2.0	7
874	Eco-Interactions of Engineered Nanomaterials in the Marine Environment: Towards an Eco-Design Framework. <i>Nanomaterials</i> , 2021, 11, 1903.	1.9	36
876	ZnO nanoparticles alter redox metabolism of <i>Limnoperna fortunei</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 69416-69425.	2.7	9
877	Copper oxide nanoparticle and copper sulfate induced impairment of innate immune parameters in a common Indian sponge. <i>Journal of Hazardous Materials Letters</i> , 2021, 2, 100036.	2.0	0
878	Toxicity and deleterious impacts of selenium nanoparticles at supranutritional and imbalance levels on male goldfish (<i>Carassius auratus</i>) sperm. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 66, 126758.	1.5	21
879	Effect of Dietary <i>Lactobacillus casei</i> on Physiometabolic Responses and Liver Histopathology in Common Carp (<i>Cyprinus carpio</i>) After Exposure to Iron Oxide Nanoparticles. <i>Biological Trace Element Research</i> , 2022, 200, 3346-3354.	1.9	17
880	Effect of Functionalized-Carbon Nanotube on Growth Indices in <i>Ocimum basilicum</i> L. Grown in vitro. <i>Russian Journal of Plant Physiology</i> , 2021, 68, 958-972.	0.5	4
881	Application of nanotized formulation in the control of snail intermediate hosts of schistosomes. <i>Acta Tropica</i> , 2021, 220, 105945.	0.9	4
882	Vital roles of sustainable nano-fertilizers in improving plant quality and quantity-an updated review. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7349-7359.	1.8	91
883	Toxicity, bioaccumulation, and transformation of silver nanoparticles in aqua biota: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 4275-4296.	8.3	27
884	Ecotoxicological effects of new generation pollutants (nanoparticles, amoxicillin and white musk) on freshwater and marine phytoplankton species. <i>Chemosphere</i> , 2021, 279, 130623.	4.2	20
885	Co-exposure of carbon nanotubes with carbofuran pesticide affects metabolic rate in <i>Palaemon pandaliformis</i> (shrimp). <i>Chemosphere</i> , 2022, 288, 132359.	4.2	8
886	Biochemical and histological alterations induced by nickel oxide nanoparticles in the ground beetle <i>Blaps polychresta</i> (Forskål, 1775) (Coleoptera: Tenebrionidae). <i>PLoS ONE</i> , 2021, 16, e0255623.	1.1	2
887	Copper: benefits and risks for poultry, livestock, and fish production. <i>Tropical Animal Health and Production</i> , 2021, 53, 487.	0.5	23
888	Environmental Nanotoxicology: Features, Application, and Characterization. , 2022, , 79-90.		0

#	ARTICLE	IF	CITATIONS
889	Nanomaterials as Nanofertilizers and Nanopesticides: An Overview. ChemistrySelect, 2021, 6, 8645-8663.	0.7	72
890	Toxicity of silver nanoparticles on the clam <i>Ruditapes decussatus</i> assessed through biomarkers and clearance rate [*] . Materials Research Express, 2021, 8, 105005.	0.8	5
891	Low doses of thymoquinone protect isolated human blood cells from TiO ₂ nanoparticles induced oxidative stress, hemolysis, cytotoxicity, DNA damage and collapse of mitochondrial activity. Phytomedicine Plus, 2021, 1, 100056.	0.9	10
892	A comprehensive review on antimicrobial face masks: an emerging weapon in fighting pandemics. RSC Advances, 2021, 11, 6544-6576.	1.7	83
893	Nanoparticles and Their Impacts on Seed Germination. Nanotechnology in the Life Sciences, 2021, , 21-31.	0.4	2
894	The toxicological effects of titanium dioxide nanoparticles on marine microalgae. , 2021, , 479-493.		0
895	A review of advantages and challenges of using engineered nanoparticles for waste and wastewater treatments. International Journal of Environmental Science and Technology, 2021, 18, 3295-3306.	1.8	7
896	Potential Toxicity of Fullerenes and Molecular Modeling of Their Transport across Lipid Membranes. , 0, , 233-260.		1
897	Autophagy Monitoring Assay: Qualitative Analysis of MAP LC3-I to II Conversion by Immunoblot. Methods in Molecular Biology, 2011, 697, 199-206.	0.4	51
898	Ecotoxicity of Nanomaterials in Aquatic Environment. Nanotechnology in the Life Sciences, 2020, , 351-377.	0.4	7
899	Nanomaterials for Water Remediation: Synthesis, Application and Environmental Fate. , 2017, , 25-60.		7
900	Structural and Ultrastructural Changes in Nanoparticle Exposed Plants. , 2019, , 281-295.		11
901	Ecotoxicology of Engineered Nanoparticles. , 2010, , 183-205.		9
902	Properties and Behavior of Selected Inorganic and Organometallic Contaminants. , 2012, , 39-74.		2
903	Biotechnology and Nanotechnology: A Means for Sustainable Development in Africa. , 2013, , 159-191.		2
905	Current Status of Biologically Produced Nanoparticles in Agriculture. , 2020, , 393-406.		3
906	Toxicological effects of graphene on mussel <i>Mytilus galloprovincialis</i> hemocytes after individual and combined exposure with triphenyl phosphate. Marine Pollution Bulletin, 2020, 151, 110838.	2.3	12
907	Marine Environment and Human Health: An Overview. Issues in Environmental Science and Technology, 2011, , 1-24.	0.4	5

#	ARTICLE	IF	CITATIONS
908	Chapter 5. Scientific Challenges and Policy Needs. Issues in Environmental Science and Technology, 2011, , 128-163.	0.4	1
909	Testing the bioaccumulation of manufactured nanomaterials in the freshwater bivalve <i>Corbicula fluminea</i> using a new test method. Environmental Science: Nano, 2020, 7, 535-553.	2.2	19
911	Nanotechnology, Agriculture, and Food. Perspectives in Nanotechnology, 2011, , 117-140.	0.1	4
913	Fingermarks, Bitemarks and Other Impressions (Barefoot, Ears, Lips). , 2010, , 695-778.		1
914	Short Communication: Acute toxicity effects of titanium nano particle TiO ₂ NPs on hematological indices in Goldfish (<i>Carassius auratus</i> , Linnaeus 1758). Nusantara Bioscience, 2017, 9, 152-155.	0.2	3
915	ECOLOGICAL AND ENVIRONMENTAL RISK ASSESSMENT IN THE NANOMATERIALS PRODUCTION. Applied Ecology and Environmental Research, 2017, 15, 1071-1082.	0.2	2
916	Short-Term Cytotoxicity of Zinc Oxide Nanoparticles on <i>Chlorella vulgaris</i> . Sains Malaysiana, 2019, 48, 69-73.	0.3	8
917	Toxic Effect of Single Walled Carbon Nanotubes Combined with Cadmium to the Crustacean <i>Daphnia magna</i> . International Letters of Natural Sciences, 0, 42, 50-61.	1.0	3
918	Nano-fertilizers: Bio-fabrication, application and biosafety. Novel Research in Microbiology Journal, 2020, 4, 884-900.	1.2	20
919	Nanoparticles Toxicity in Fish Models. Current Pharmaceutical Design, 2019, 25, 3927-3942.	0.9	33
920	Implications of Metal Nanoparticles on Aquatic Fauna: A Review. Nanoscience and Nanotechnology - Asia, 2018, 9, 30-43.	0.3	7
922	Can Proteomics Be Considered as a Valuable Tool to Assess the Toxicity of Nanoparticles in Marine Bivalves?. Journal of Marine Science and Engineering, 2020, 8, 1033.	1.2	7
923	Nanosilver: Properties, Applications and Impacts on Public Health and Environment. Vigilância Sanitária Em Debate: Sociedade, Ciência & Tecnologia, 2013, 1, .	0.3	1
924	A review on the development and application of nano-scale amendment in remediating polluted soils and waters. Chinese Journal of Eco-Agriculture, 2010, 18, 434-439.	0.1	14
925	Nanoprobes and Their Applications in Veterinary Medicine and Animal Health. Research Journal of Nanoscience and Nanotechnology, 2012, 2, 1-16.	2.0	12
926	Ecotoxicity Effects of Nanomaterials on Aquatic Organisms. Advances in Environmental Engineering and Green Technologies Book Series, 0, , 330-351.	0.3	5
927	Understanding Advances in Nanotechnology. International Journal of Nanotechnology and Molecular Computation, 2011, 3, 1-11.	0.3	2
928	The Conjugative Transfer of the Multiresistance Gene Between Bacteria is Significantly Promoted by Nano-Alumina. Journal of Nanomedicine & Nanotechnology, 2012, 03, .	1.1	1

#	ARTICLE	IF	CITATIONS
929	Separation of Nanoparticles from Air Using Melt-Blown Filtering Media. <i>Aerosol and Air Quality Research</i> , 2015, 15, 2422-2435.	0.9	21
930	Continuous-Flow Removal of Arsenic in Drinking Water by Filtering down through Fe ₃ O ₄ @SiO ₂ Magnetic Composite. <i>Journal of Water Resource and Protection</i> , 2016, 08, 619-630.		
931	Nano chitosan-NPK fertilizer enhances the growth and productivity of wheat plants grown in sandy soil. <i>Spanish Journal of Agricultural Research</i> , 2016, 14, e0902.	0.3	227
932	Nano-sized zeolites as modulators of thiacloprid toxicity on <i>Chironomus riparius</i> . <i>PeerJ</i> , 2017, 5, e3525.	0.9	6
933	The Toxicity of Gold, Silver, and Zinc Oxide Nanoparticles on LDH Enzyme in Male Mice. <i>Annual Research & Review in Biology</i> , 2014, 4, 1346-1352.	0.4	4
934	Bivalves as Biological Sieves: Bioreactivity Pathways of Microplastics and Nanoplastics. <i>Biological Bulletin</i> , 2021, 241, 185-195.	0.7	11
935	Uptake, translocation, phytotoxicity, and hormetic effects of titanium dioxide nanoparticles (TiO ₂ NPs) in <i>Nigella arvensis</i> L.. <i>Science of the Total Environment</i> , 2022, 806, 151222.	3.9	30
936	Microscopic characterization of bioaccumulated aluminium nanoparticles in simplified food chain of aquatic ecosystem. <i>Journal of King Saud University - Science</i> , 2022, 34, 101666.	1.6	7
937	Immune responses, DNA damage and ultrastructural alterations of gills in the marine mussel <i>Lithophaga lithophaga</i> exposed to CuO nanoparticles. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	3
938	Biosynthesis, Characterization and Antimicrobial Activity of Silver Nanoparticles by <i>Aspergillus niger</i> Isolated from the Rotten Onion. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2021, 10, 489-500.	0.0	0
939	The potential exposure and hazards of metal-based nanoparticles on plants and environment, with special emphasis on ZnO NPs, TiO ₂ NPs, and AgNPs: A review. <i>Environmental Advances</i> , 2021, 6, 100128.	2.2	81
940	In-vitro evaluation of physiological changes caused by iron oxide nanoparticles in <i>Solanum villosum</i> . <i>Journal of Crop Improvement</i> , 2022, 36, 604-618.	0.9	2
941	Technological Challenges: Asbestos Past Experiences, Nanoparticles Future Developments. , 2008, , 237-255.		0
942	Quantum Dot Modification and Cytotoxicity. , 2008, , 799-809.		0
943	Methods of Economic Valuation of The Health Risks Associated with Nanomaterials. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2009, , 385-395.	0.1	0
944	<i>Environmental Forensic science</i> . , 2010, , 455-528.		0
945	Anti Silver Nanoparticle Bacteria. , 0, , .		0
947	<i>Nanomedicine and Nanotoxicology</i> . <i>RSC Drug Discovery Series</i> , 2012, , 551-588.	0.2	0

#	ARTICLE	IF	CITATIONS
948	Microcosm Studies of Nanomaterials in Water and Soil Ecosystems. Daehan Hwan'gyeong Gonghag Hoeji, 2012, 34, 288-294.	0.4	1
949	Nanotoxicology: A Threat to the Environment and to Human Beings. , 2013, , 385-400.		0
950	Nanotechnology and Biodiversity. The International Library of Ethics, Law and Technology, 2014, , 73-87.	0.2	1
951	Introduction to Marine Pollution. , 2014, , 3-36.		0
952	Desorption of Adsorbed Humic Acid on Carbon nano Tubes. Journal of Soil and Groundwater Environment, 2013, 18, 81-89.	0.1	0
953	Inorganic and Organometallic Compounds. , 2014, , 53-77.		0
955	NANOTECNOLIGIA EM DERMATOLOGIA. Journal of the Portuguese Society of Dermatology and Venereology, 2015, 73, 343-350.	0.0	0
957	Electron Microscopy Documents the Microorganismsâ€™ Biodestructive Action on Polyurethane and the Production, Internalization and Vesicular Trafficking of Nanoparticles. British Journal of Applied Science & Technology, 2016, 12, 1-19.	0.2	2
958	Effects of Fullerene Nanocomposite in Marine and Estuarine Organisms. , 2016, , 185-192.		0
960	Antimicrobial Effects of <i>Ferula persica</i> Gum Extract and Gold Nanoparticles on <i>Pseudomonas aeruginosa</i> . Avicenna Journal of Clinical Microbiology and Infection, 2017, 4, 36646-36646.	0.2	1
961	Histopathological Markers in Fish Health Assessment. , 2016, , 216-252.		0
962	Biological Effect of Some Metal Oxides Nanocomposites on <i>Saccharomyces Cerevisiae</i> . , 2019, , 41-45.	0.0	0
964	Survival of Bacteria in Respiratory Protective Filters. Polish Journal of Microbiology, 2016, 65, 475-477.	0.6	0
965	The ocean and human health. Problem status. Geology and Mineral Resources of World Ocean, 2017, 13, 12-25.	0.0	1
966	Ecotoxicity Effects of Nanomaterials on Aquatic Organisms. , 2017, , 1442-1464.		0
969	Effects of hydroxyapatite nanoparticles on liver enzymes and blood components. Journal of Clinical Investigation and Studies, 2018, 1, .	0.2	0
970	Ekotoksosite Deneylelerinde Nanopartikül Karakterizasyonunun Ėnemi ve Yöntemleri. Marmara Fen Bilimleri Dergisi, 0, , .	0.2	4
971	Environmental Toxicity of Nanomaterials. , 0, , .		3

#	ARTICLE	IF	CITATIONS
972	Genotoxic impact of titanium dioxide nanoparticles on mollusk <i>Mytilus trossulus</i> (Gould, 1850) in marine environment. <i>Marine Biological Journal</i> , 2018, 3, 43-50.	0.3	2
973	Nanotechnology Interaction with Environment. , 2019, , 2233-2256.		3
974	Growth, leaf gas exchange and biochemical changes of oil palm (<i>Elaeis guineensis</i> Jacq.) seedlings as affected by iron oxide nanoparticles. <i>AIMS Materials Science</i> , 2019, 6, 960-984.	0.7	3
975	Environmental Nanotechnology. , 2019, , 2159-2189.		0
976	AvaliaÃ§Ã£o em microcosmo da influÃªncia de nanopartÃculas (hidroxiapatita e PLGA) sobre o comportamento quÃmico de Zn, Cu e Mn em sistema costeiro degradado. <i>Brazilian Journal of Radiation Sciences</i> , 2019, 7, .	0.0	0
977	Effects of TiO ₂ Nanoparticles on Germination and Primary Growth of Mountain Ash (<i>Sorbus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF	0.0	2
978	Future of Modern Environmental Materialsâ€™ Management. , 2020, , 1-15.		0
979	Screening of green AgNPs against the larvicidal activity of <i>Anopheles stephensi</i> . <i>Flora and Fauna</i> , 2020, 26, .	0.1	2
980	Aspects of nanomaterials for civil and military applications. Part 2. Their use and concerns arising from their release into the natural environment. <i>MateriaÅy Wysokoenergetyczne / High Energy Materials</i> , 2020, , 17-36.	0.2	0
981	Bioaccumulation and oxidative stress caused by aluminium nanoparticles and the integrated biomarker responses in the common carp (<i>Cyprinus carpio</i>). <i>Chemosphere</i> , 2022, 288, 132462.	4.2	20
982	Electrophoresis as a simple method to detect deleterious actions of engineered nanoparticles on living cells. <i>Environmental Chemistry</i> , 2020, 17, 39.	0.7	4
983	Toxicity of ZnO nanoparticle-induced reactive oxygen species and cancer cells. , 2020, , 561-587.		0
984	Biogenic Nanoparticles in the Insect World: Challenges and Constraints. , 2020, , 173-185.		1
986	Nanoparticles. , 0, , 1071-1089.		0
987	Copper and Copper Nanoparticles Induced Hematological Changes in a Freshwater Fish <i>Labeo rohita</i> â€“ A Comparative Study. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 0, , 352-375.	0.3	0
988	Nanoparticles. , 0, , 92-110.		1
990	Multi-walled Carbon Nanotubes Penetrate into Plant Cells and Affect the Growth of <i>Onobrychis arenaria</i> Seedlings. <i>Acta Naturae</i> , 2011, 3, 99-106.	1.7	8
991	Effects of temperature and salinity on the sub-Antarctic snail <i>Xymenopsis muriciformis</i> (King and) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Marine Biology and Ecology, 2022, 548, 151682.	0.7	1

#	ARTICLE	IF	CITATIONS
992	Hydroxyapatite nanoparticles as novel nano-fertilizer for production of rosemary plants. <i>Scientia Horticulturae</i> , 2022, 295, 110851.	1.7	40
993	Green Synthesized Iron Nanoparticles for Environmental Management: Minimizing Material and Energy Inputs. <i>Handbook of Environmental Chemistry</i> , 2021, , .	0.2	0
994	Nanomaterial recycling: an overview. , 2022, , 3-19.		1
995	Integrative behavioral and ecotoxicological effects of nanoparticles. , 2022, , 311-333.		0
996	Behavior of two classes of organic contaminants in the presence of graphene oxide: Ecotoxicity, physicochemical characterization and theoretical calculations. <i>Science of the Total Environment</i> , 2022, 822, 153515.	3.9	4
997	Nanotechnology in aquaculture: Applications, perspectives and regulatory challenges. <i>Aquaculture and Fisheries</i> , 2022, 7, 185-200.	1.2	59
998	Exposure to N-(1,3-dimethylbutyl)-N-phenyl-p-phenylenediamine (6PPD) affects the growth and development of zebrafish embryos/larvae. <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113221.	2.9	29
999	Effects of the Transformation of Metallic Nanoparticles in the Environment and Its Toxicity on Aquatic and Terrestrial Life Forms. <i>Molecular and Integrative Toxicology</i> , 2021, , 43-71.	0.5	1
1000	Ecotoxicity of Nanomaterials to Freshwater Microalgae and Fish. , 2022, , 143-160.		1
1001	Green Synthesis of Silver Nanoparticles Using <i>Abutilon theophrasti</i> Leaves and their Photocatalytic Activity for Water Treatment. <i>Springer Proceedings in Physics</i> , 2022, , 63-73.	0.1	1
1002	Immunotoxic effects of metal-based nanoparticles in fish and bivalves. <i>Nanotoxicology</i> , 2022, 16, 88-113.	1.6	11
1003	A Review on Unknown Repercussions Associated with Metallic Nanoparticles and their Rectification Techniques. <i>Current Nanomaterials</i> , 2022, 07, .	0.2	1
1004	Plant-Mediated Green Synthesis of Ag NPs and Their Possible Applications: A Critical Review. <i>Journal of Nanotechnology</i> , 2022, 2022, 1-24.	1.5	13
1005	Impact of Nickel Oxide Nanoparticles (NiO) on Oxidative Stress Biomarkers and Hemocyte Counts of <i>Mytilus galloprovincialis</i> . <i>Biological Trace Element Research</i> , 2022, 200, 3429-3441.	1.9	3
1006	Inhibition of Xenobiotics Transporters' Efflux Ability after Nanoplastics Exposure in Larval Japanese Medaka. <i>Water (Switzerland)</i> , 2022, 14, 863.	1.2	3
1007	Integration of chitosan and NPK nonparticles to enhance the yield, fiber and yarn quality of Egyptian cotton. <i>International Journal of Health Sciences</i> , 2022, 6, 1615-1626.	0.0	0
1008	In-Gel Assay to Evaluate Antioxidant Enzyme Response to Silver Nitrate and Silver Nanoparticles in Marine Bivalve Tissues. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2760.	1.3	2
1009	Can microplastics from personal care products affect stream microbial decomposers in the presence of silver nanoparticles?. <i>Science of the Total Environment</i> , 2022, 832, 155038.	3.9	7

#	ARTICLE	IF	CITATIONS
1010	Highly diluted bioactive compounds in marine aquaculture: A potential alternative for sustainable production. <i>Reviews in Aquaculture</i> , 2022, 14, 1170-1193.	4.6	5
1011	Environmental Fate of Metal Nanoparticles in Estuarine Environments. <i>Water (Switzerland)</i> , 2022, 14, 1297.	1.2	8
1012	Toxicity ameliorative effect of vitamin E against super-paramagnetic iron oxide nanoparticles on haemato-immunological responses, antioxidant capacity, oxidative stress, and metabolic enzymes activity during exposure and recovery in <i>Labeo rohita</i> fingerlings. <i>Aquaculture International</i> , 2022, 30, 1711-1739.	1.1	7
1024	Combined Toxicity of an Environmental Remediation Residue, Magnetite Fe ₃ O ₄ Nanoparticles/Cr(VI) Adduct. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 783-791.	0.2	2
1025	Effects, uptake, translocation and toxicity of Ti-based nanoparticles in plants. , 2022, , 211-239.		1
1026	Emerging investigator series: metal nanoparticles in freshwater: transformation, bioavailability and effects on invertebrates. <i>Environmental Science: Nano</i> , 2022, 9, 2237-2263.	2.2	9
1027	Toxicities of nanomaterials and metals to rice under low atmospheric pressure. <i>Acta Physiologiae Plantarum</i> , 2022, 44, .	1.0	1
1028	Green Synthesis Technology (GST). <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2022, , 180-187.	0.3	1
1029	Nano-pollution: Why it should worry us. <i>Chemosphere</i> , 2022, 302, 134746.	4.2	14
1030	Zinc oxide, titanium dioxide and C60 fullerene nanoparticles, alone and in mixture, differently affect biomarker responses and proteome in the clam <i>Ruditapes philippinarum</i> . <i>Science of the Total Environment</i> , 2022, 838, 155873.	3.9	7
1031	Nanomaterials and Heavy Metals: Environmental Risk Assessment and Remediation Strategies for Wastewater. <i>Emerging Contaminants and Associated Treatment Technologies</i> , 2022, , 21-46.	0.4	2
1032	Effects of microplastics alone and with adsorbed benzo(a)pyrene on the gills proteome of <i>Scrobicularia plana</i> . <i>Science of the Total Environment</i> , 2022, 842, 156895.	3.9	5
1033	Impacts of engineered iron nanoparticles on oxidative stress, fatty acid composition, and histo-architecture of the smooth scallop <i>Flexopecten glaber</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 78396-78413.	2.7	2
1034	Zinc Oxide Nanoparticles Induce DNA Damage in Sand Dollar <i>Scaphechinus mirabilis</i> Sperm. <i>Toxics</i> , 2022, 10, 348.	1.6	9
1035	New Insights for Exploring the Risks of Bioaccumulation, Molecular Mechanisms, and Cellular Toxicities of AgNPs in Aquatic Ecosystem. <i>Water (Switzerland)</i> , 2022, 14, 2192.	1.2	11
1036	Nano-fertilizers: A sustainable technology for improving crop nutrition and food security. <i>NanoImpact</i> , 2022, 27, 100411.	2.4	75
1038	Principles of risk decision-making. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2022, 25, 250-278.	2.9	8
1039	Impact of weathered multi-walled carbon nanotubes on the epithelial cells of the intestinal tract in the freshwater grazers <i>Lymnaea stagnalis</i> and <i>Rhithrogena semicolorata</i> . <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0

#	ARTICLE	IF	CITATIONS
1040	Evaluation of Si Fertilization and Spraying of Nano-K and Ca on Si Content, Si Uptake, and Si Use Efficiency of Rice. IOP Conference Series: Earth and Environmental Science, 2022, 1060, 012042.	0.2	0
1041	Pharmaceutically active compounds in biotic and abiotic media of rivers receiving urban sewage: Concentrations, bioaccumulation and ecological risk. Chemical Engineering Research and Design, 2022, 166, 491-499.	2.7	3
1042	Ecotoxicological effects of silver nanoparticles in marine mussels. Science of the Total Environment, 2022, 851, 158113.	3.9	3
1043	Superhydrophobicity and conductivity of polyester-conductive fabrics using alkaline hydrolysis. RSC Advances, 2022, 12, 22911-22921.	1.7	3
1044	Nano-ecotoxicology in a changing ocean. SN Applied Sciences, 2022, 4, .	1.5	1
1045	Proteomic evaluation of nanotoxicity in aquatic organisms: A review. Proteomics, 2022, 22, .	1.3	1
1046	Environmental risk of titanium dioxide nanoparticle and cadmium mixture: developmental toxicity assessment in zebrafish (Danio rerio). Journal of Nanoparticle Research, 2022, 24, .	0.8	4
1047	Nanofertilizers: The targeted nutrient supplier and enhance nutrients uptake by pearl millets (Pennisetum glaucum). Biocatalysis and Agricultural Biotechnology, 2022, 45, 102524.	1.5	2
1048	TiO ₂ Nanoparticles and Their Effects on Eukaryotic Cells: A Double-Edged Sword. International Journal of Molecular Sciences, 2022, 23, 12353.	1.8	13
1049	The Widespread Use of Nanomaterials: The Effects on the Function and Diversity of Environmental Microbial Communities. Microorganisms, 2022, 10, 2080.	1.6	6
1050	Is Bionanotechnology a Panacea?. Synthesis Lectures on Biomedical Engineering, 2007, , 109-120.	0.1	1
1051	A comprehensive review on the removal of antibiotics from water and wastewater using carbon nanotubes: synthesis, performance, and future challenges. Environmental Science: Water Research and Technology, 2022, 9, 11-37.	1.2	1
1052	Fate and toxicity of nanoparticles in aquatic systems. Acta Geochimica, 2023, 42, 63-76.	0.7	3
1053	Determination of biological activities of nanoparticles containing silver and copper in water disinfection with/without ultrasound technique. Journal of Environmental Health Science & Engineering, 2023, 21, 73-83.	1.4	2
1054	Multifunctional microrobot with real-time visualization and magnetic resonance imaging for chemoembolization therapy of liver cancer. Science Advances, 2022, 8, .	4.7	28
1055	Nanotechnology for sustainable agro-food systems: The need and role of nanoparticles in protecting plants and improving crop productivity. Plant Physiology and Biochemistry, 2023, 194, 533-549.	2.8	30
1056	A comprehensive review on the recent development of inorganic nano-adsorbents for the removal of heavy metals from water and wastewater. Environment, Development and Sustainability, 2024, 26, 33-88.	2.7	2
1057	Translocation and transformation of engineered nanomaterials in plant cells and their effect on metabolism. Biocell, 2023, 47, 493-502.	0.4	1

#	ARTICLE	IF	CITATIONS
1058	Water Pollution Biology. , 2013, , 80-114.		0
1059	Risk assessment of various nanomaterials: health safety perspective. , 2023, , 311-333.		0
1060	Interaction of Silica Nanoparticles with Microalgal Extracellular Polymers. Water (Switzerland), 2023, 15, 519.	1.2	1
1061	Addressing global food insecurity: Soil-applied zinc oxide nanoparticles promote yield attributes and seed nutrient quality in Glycine max L.. Science of the Total Environment, 2023, 876, 162762.	3.9	4
1062	Transfer of CeO2 nanoparticles between freshwater omnivorous organisms: Effect of feces and necrophagy. Journal of Hazardous Materials, 2023, 451, 131137.	6.5	1
1063	Fate and effects of graphene oxide alone and with sorbed benzo(a)pyrene in mussels Mytilus galloprovincialis. Journal of Hazardous Materials, 2023, 452, 131280.	6.5	2
1064	Dietary exposure to nTiO2 reduces byssus performance of mussels under ocean warming. Science of the Total Environment, 2023, 881, 163499.	3.9	3
1065	EFFECTOS CELULARES DE LA EXPOSICI3N A MICROPARTÍCULAS PLÁSTICAS EN ORGANISMOS ACUÁTICOS. Kuxulkab, 2022, 28, 35-51.	0.1	0
1066	A mini review on plant-mediated zinc oxide nanoparticles and their antibacterial potency. Biocatalysis and Agricultural Biotechnology, 2023, 48, 102654.	1.5	24
1067	Engineered nanomaterials for water disinfection. , 2023, , 167-185.		0
1068	Nanoscale silver enabled drinking water disinfection system. , 2023, , 127-166.		0
1069	APPLYING OF NANOTECHNOLOGY TO EDIBLE FILMS. M4hendislik Bilimleri Ve Tasarım Dergisi, 2023, 11, 411-425.	0.1	0
1070	Nanofertilizer and nanopesticides: a new frontier in agricultural development. , 2023, , 187-205.		0
1072	Perspective Chapter: Recent Advances in Nanotechnology, Nanomaterials, Nanofertilizers and Smart Farming. , 0, , .		0
1074	Nanoparticles in Aquatic Environment: An Overview with Special Reference to Their Ecotoxicity. , 2023, , 385-404.		1
1091	Chemical Introductions to the Systems: Point Source Pollution (Persistent Chemicals). , 2024, , 170-217.		1
1098	Negative effects of nanonutrients on plants. , 2024, , 351-369.		0
1102	Multifunctional nanofertilizer for inducing systemic resistance in plants. , 2024, , 281-303.		0

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------