

Eugenia Valsami-Jones

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

182
papers

8,696
citations

52
h-index

88
g-index

202
ext. papers

9,844
ext. citations

6.5
avg, IF

6.23
L-index

#	Paper	IF	Citations
182	From small to clever: What does the future hold for the safety and sustainability of advanced materials?. <i>Nano Today</i> , 2022 , 42, 101364	17.9	0
181	Arsenian Pyrite and Cinnabar from Active Submarine Nearshore Vents, Paleochori Bay, Milos Island, Greece. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 14	2.4	5
180	Mechanisms of Silver Nanoparticle Uptake by Embryonic Zebrafish Cells. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
179	Computational enrichment of physicochemical data for the development of a potential read-across predictive model with Isalos Analytics Platform.. <i>NanoImpact</i> , 2021 , 22, 100308	5.6	5
178	Multigenerational Exposure to Nano-TiO ₂ Induces Ageing as a Stress Response Mitigated by Environmental Interactions. <i>Advanced NanoBiomed Research</i> , 2021 , 1, 2000083	0	2
177	Growing Rice () Aerobically Reduces Phytotoxicity, Uptake, and Transformation of CeO Nanoparticles. <i>Environmental Science & Technology</i> , 2021 , 55, 8654-8664	10.3	9
176	An Untargeted Thermogravimetric Analysis-Fourier Transform Infrared-Gas Chromatography-Mass Spectrometry Approach for Plastic Polymer Identification. <i>Environmental Science & Technology</i> , 2021 , 55, 8721-8729	10.3	3
175	The stochastic association of nanoparticles with algae at the cellular level: Effects of NOM, particle size and particle shape. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 218, 112280	7	2
174	Dietary uptake and effects of copper in Sticklebacks at environmentally relevant exposures utilizing stable isotope-labeled CuCl and CuO NPs. <i>Science of the Total Environment</i> , 2021 , 757, 143779	10.2	5
173	Toxicity and chemical transformation of silver nanoparticles in A549 lung cells: dose-rate-dependent genotoxic impact. <i>Environmental Science: Nano</i> , 2021 , 8, 806-821	7.1	5
172	Cellular repair mechanisms triggered by exposure to silver nanoparticles and ionic silver in embryonic zebrafish cells. <i>Environmental Science: Nano</i> , 2021 , 8, 2507-2522	7.1	1
171	Silver nanoparticle induced toxicity and cell death mechanisms in embryonic zebrafish cells. <i>Nanoscale</i> , 2021 , 13, 6142-6161	7.7	11
170	Biominerals 2021 , 517-519		
169	Particle number-based trophic transfer of gold nanomaterials in an aquatic food chain. <i>Nature Communications</i> , 2021 , 12, 899	17.4	9
168	Biotransformation modulates the penetration of metallic nanomaterials across an artificial blood-brain barrier model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
167	Safe by Design for Nanomaterials Late Lessons from Early Warnings for Sustainable Innovation. <i>NanoEthics</i> , 2021 , 15, 99-103	1	0
166	The analytical quest for sub-micron plastics in biological matrices. <i>Nano Today</i> , 2021 , 41, 101296	17.9	3

165 Phosphates **2021**, 422-427

164 Scanning transmission X-ray microscopy study of subcellular granules in human platelets at the carbon K- and calcium L_{2,3}-edges.. *Platelets*, **2021**, 1-8 3.6

163 Facile Method to Prepare pH-Sensitive PEI-Functionalized Carbon Nanotubes as Rationally Designed Vehicles for Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) Delivery. *Journal of Carbon Research*, **2020**, 6, 62 3.3 1

162 Engineered nanoselenium supplemented fish diet: toxicity comparison with ionic selenium and stability against particle dissolution, aggregation and release. *Environmental Science: Nano*, **2020**, 7, 2325-2336² 7.1

161 Zeta-Potential Read-Across Model Utilizing Nanodescriptors Extracted via the NanoXtract Image Analysis Tool Available on the Enalos Nanoinformatics Cloud Platform. *Small*, **2020**, 16, e1906588 11 21

160 NanoSolveIT Project: Driving nanoinformatics research to develop innovative and integrated tools for nanosafety assessment. *Computational and Structural Biotechnology Journal*, **2020**, 18, 583-602 6.8 41

159 Exposure medium and particle ageing moderate the toxicological effects of nanomaterials to *Daphnia magna* over multiple generations: a case for standard test review?. *Environmental Science: Nano*, **2020**, 7, 1136-1149 7.1 15

158 Trophic transfer of CuO NPs from sediment to worms (*Tubifex tubifex*) to fish (*Gasterosteus aculeatus*): a comparative study of dissolved Cu and NPs enriched with a stable isotope tracer (⁶⁵Cu). *Environmental Science: Nano*, **2020**, 7, 2360-2372 7.1 7

157 Effectiveness of different biochar in aqueous zinc removal: Correlation with physicochemical characteristics. *Bioresource Technology Reports*, **2020**, 11, 100466 4.1 13

156 Graphene Oxide-Induced pH Alteration, Iron Overload, and Subsequent Oxidative Damage in Rice (L.): A New Mechanism of Nanomaterial Phytotoxicity. *Environmental Science & Technology*, **2020**, 54, 3181-3190 10.3 20

155 Multigenerational Exposures of *Daphnia Magna* to Pristine and Aged Silver Nanoparticles: Epigenetic Changes and Phenotypical Ageing Related Effects. *Small*, **2020**, 16, e2000301 11 13

154 The interweaving roles of mineral and microbiome in shaping the antibacterial activity of archaeological medicinal clays. *Journal of Ethnopharmacology*, **2020**, 260, 112894 5 2

153 Air-Liquid Interface Exposure of Lung Epithelial Cells to Low Doses of Nanoparticles to Assess Pulmonary Adverse Effects. *Nanomaterials*, **2020**, 11, 5.4 17

152 Deciphering the particle specific effects on metabolism in rat liver and plasma from ZnO nanoparticles versus ionic Zn exposure. *Environment International*, **2020**, 136, 105437 12.9 14

151 Intranasal exposure to ZnO nanoparticles induces alterations in cholinergic neurotransmission in rat brain. *Nano Today*, **2020**, 35, 100977 17.9 11

150 Predicting Cytotoxicity of Metal Oxide Nanoparticles using Isalos Analytics Platform. *Nanomaterials*, **2020**, 10, 5.4 20

149 Environmental context determines the impact of titanium oxide and silver nanoparticles on the functioning of intertidal microalgal biofilms. *Environmental Science: Nano*, **2020**, 7, 3020-3035 7.1 4

148 Elucidating the mechanism of the surface functionalization dependent neurotoxicity of graphene family nanomaterials. *Nanoscale*, **2020**, 12, 18600-18605 7.7 11

147	Stable isotope labeling of metal/metal oxide nanomaterials for environmental and biological tracing. <i>Nature Protocols</i> , 2019 , 14, 2878-2899	18.8	18
146	Plant species-dependent transformation and translocation of ceria nanoparticles. <i>Environmental Science: Nano</i> , 2019 , 6, 60-67	7.1	32
145	A safe-by-design tool for functionalised nanomaterials through the Enalos Nanoinformatics Cloud platform. <i>Nanoscale Advances</i> , 2019 , 1, 706-718	5.1	24
144	Impact of particle size, oxidation state and capping agent of different cerium dioxide nanoparticles on the phosphate-induced transformations at different pH and concentration. <i>PLoS ONE</i> , 2019 , 14, e0217483	2.7	21
143	Internalization and toxicological mechanisms of uncoated and PVP-coated cerium oxide nanoparticles in the freshwater alga <i>Chlamydomonas reinhardtii</i> . <i>Environmental Science: Nano</i> , 2019 , 6, 1959-1972	7.1	13
142	Core-Shell NaHoF@TiO NPs: A Labeling Method to Trace Engineered Nanomaterials of Ubiquitous Elements in the Environment. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 19452-19461	9.5	3
141	A high throughput imaging database of toxicological effects of nanomaterials tested on HepaRG cells. <i>Scientific Data</i> , 2019 , 6, 46	8.2	8
140	Bioaccumulation and toxic effects of nanoparticulate and ionic silver in <i>Saccostrea glomerata</i> (rock oyster). <i>Ecotoxicology and Environmental Safety</i> , 2019 , 179, 127-134	7	17
139	Silica Nanoparticle Synthesis and Multi-Method Characterisation. <i>Materials Science Forum</i> , 2019 , 947, 82-90	0.4	2
138	Simulations of morphological transformation in silver nanoparticles as a tool for assessing their reactivity and potential toxicity. <i>NanoImpact</i> , 2019 , 14, 100147	5.6	5
137	Trace metal distribution in the bed, bank and suspended sediment of the Ravensbourne River and its implication for sediment monitoring in an urban river. <i>Journal of Soils and Sediments</i> , 2019 , 19, 946-963	3.4	9
136	On the transformation mechanism of polyethylene glycol- and citrate-coated silver nanocolloids under sunlight exposure. <i>Journal of Nanoparticle Research</i> , 2019 , 21, 1	2.3	2
135	Physical and chemical transformations of zirconium doped ceria nanoparticles in the presence of phosphate: Increasing realism in environmental fate and behaviour experiments. <i>Environmental Pollution</i> , 2019 , 252, 974-981	9.3	6
134	A Dose Metrics Perspective on the Association of Gold Nanomaterials with Algal Cells. <i>Environmental Science and Technology Letters</i> , 2019 , 6, 732-738	11	7
133	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	7	16
132	Cytotoxicity and cellular mechanisms of toxicity of CuO NPs in mussel cells in vitro and comparative sensitivity with human cells. <i>Toxicology in Vitro</i> , 2018 , 48, 146-158	3.6	60
131	Seasonal variability of natural water chemistry affects the fate and behaviour of silver nanoparticles. <i>Chemosphere</i> , 2018 , 191, 616-625	8.4	36
130	Advanced tools for the safety assessment of nanomaterials. <i>Nature Nanotechnology</i> , 2018 , 13, 537-543	28.7	145

129	Current Application of Capillary Electrophoresis in Nanomaterial Characterisation and Its Potential to Characterise the Protein and Small Molecule Corona. <i>Nanomaterials</i> , 2018 , 8,	5.4	24
128	Characterization of Nanoparticle Batch-To-Batch Variability. <i>Nanomaterials</i> , 2018 , 8,	5.4	42
127	Uptake and impacts of polyvinylpyrrolidone (PVP) capped metal oxide nanoparticles on <i>Daphnia magna</i> : role of core composition and acquired corona. <i>Environmental Science: Nano</i> , 2018 , 5, 1745-1756	7.1	29
126	Microscopy-based high-throughput assays enable multi-parametric analysis to assess adverse effects of nanomaterials in various cell lines. <i>Archives of Toxicology</i> , 2018 , 92, 633-649	5.8	31
125	A New Occurrence of Terrestrial Native Iron in the Earth's Surface: The Ilia Thermogenic Travertine Case, Northwestern Euboea, Greece. <i>Geosciences (Switzerland)</i> , 2018 , 8, 287	2.7	6
124	Greco-Roman mineral (litho)therapeutics and their relationship to their microbiome: The case of the red pigment. <i>Journal of Archaeological Science: Reports</i> , 2018 , 22, 179-192	0.7	4
123	Dioxins as potential risk factors for autism spectrum disorder. <i>Environment International</i> , 2018 , 121, 906-915	9.15	16
122	A nanoinformatics decision support tool for the virtual screening of gold nanoparticle cellular association using protein corona fingerprints. <i>Nanotoxicology</i> , 2018 , 12, 1148-1165	5.3	29
121	Synthesis and characterization of Zr- and Hf-doped nano-TiO ₂ as internal standards for analytical quantification of nanomaterials in complex matrices. <i>Royal Society Open Science</i> , 2018 , 5, 171884	3.3	4
120	Thermal transformations of manufactured nanomaterials as a proposed proxy for ageing. <i>Environmental Science: Nano</i> , 2018 , 5, 1618-1627	7.1	2
119	Flooding with constraints: water meadow irrigation impacts on temperature, oxygen, phosphorus and sediment in water returned to a river. <i>Journal of Flood Risk Management</i> , 2017 , 10, 463-473	3.1	4
118	Role of Humic Acid in the Stability of Ag Nanoparticles in Suboxic Conditions. <i>Environmental Science & Technology</i> , 2017 , 51, 6063-6070	10.3	15
117	A new terrestrial active mineralizing hydrothermal system associated with ore-bearing travertines in Greece (northern Euboea Island and Sperchios area). <i>Journal of Geochemical Exploration</i> , 2017 , 179, 9-24	3.8	20
116	Time-resolved toxicity study reveals the dynamic interactions between uncoated silver nanoparticles and bacteria. <i>Nanotoxicology</i> , 2017 , 11, 637-646	5.3	17
115	Development of scalable and versatile nanomaterial libraries for nanosafety studies: polyvinylpyrrolidone (PVP) capped metal oxide nanoparticles. <i>RSC Advances</i> , 2017 , 7, 3894-3906	3.7	17
114	Electrophoretic deposition of organic/inorganic composite coatings containing ZnO nanoparticles exhibiting antibacterial properties. <i>Materials Science and Engineering C</i> , 2017 , 77, 780-789	8.3	46
113	The integrated biomarker response: a suitable tool to evaluate toxicity of metal-based nanoparticles. <i>Nanotoxicology</i> , 2017 , 11, 1-6	5.3	39
112	Crystallinity depends on choice of iron salt precursor in the continuous hydrothermal synthesis of Fe ₃ O ₄ oxide nanoparticles. <i>RSC Advances</i> , 2017 , 7, 37436-37440	3.7	13

111	The effect of zirconium doping of cerium dioxide nanoparticles on pulmonary and cardiovascular toxicity and biodistribution in mice after inhalation. <i>Nanotoxicology</i> , 2017 , 11, 794-808	5.3	11
110	Dispersion of Nanomaterials in Aqueous Media: Towards Protocol Optimization. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	19
109	Mechanisms of Iron Uptake from Ferric Phosphate Nanoparticles in Human Intestinal Caco-2 Cells. <i>Nutrients</i> , 2017 , 9,	6.7	26
108	Strategy for Identification of Nanomaterials Critical Properties Linked to Biological Impacts: Interlinking of Experimental and Computational Approaches. <i>Challenges and Advances in Computational Chemistry and Physics</i> , 2017 , 385-424	0.7	4
107	Cytotoxicity of Au, ZnO and SiO ₂ NPs using in vitro assays with mussel hemocytes and gill cells: Relevance of size, shape and additives. <i>Nanotoxicology</i> , 2016 , 10, 185-93	5.3	43
106	Impact of surface coating and environmental conditions on the fate and transport of silver nanoparticles in the aquatic environment. <i>Science of the Total Environment</i> , 2016 , 568, 95-106	10.2	48
105	Cerium oxide nanoparticles induce oxidative stress in the sediment-dwelling amphipod <i>Corophium volutator</i> . <i>Nanotoxicology</i> , 2016 , 10, 480-7	5.3	23
104	Role of the crystalline form of titanium dioxide nanoparticles: Rutile, and not anatase, induces toxic effects in Balb/3T3 mouse fibroblasts. <i>Toxicology in Vitro</i> , 2016 , 31, 137-45	3.6	73
103	Earthworm Uptake Routes and Rates of Ionic Zn and ZnO Nanoparticles at Realistic Concentrations, Traced Using Stable Isotope Labeling. <i>Environmental Science & Technology</i> , 2016 , 50, 412-9	10.3	46
102	Nanomaterial Ontologies for Nanosafety: A Rose by any Other Name. <i>Journal of Nanomedicine Research</i> , 2016 , 3,	9	4
101	Shape and Charge of Gold Nanomaterials Influence Survivorship, Oxidative Stress and Moulting of <i>Daphnia magna</i> . <i>Nanomaterials</i> , 2016 , 6,	5.4	26
100	New boron isotopic evidence for sedimentary and magmatic fluid influence in the shallow hydrothermal vent system of Milos Island (Aegean Sea, Greece). <i>Journal of Volcanology and Geothermal Research</i> , 2016 , 310, 58-71	2.8	17
99	New, rapid method to measure dissolved silver concentration in silver nanoparticle suspensions by aggregation combined with centrifugation. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 259	2.3	11
98	Accumulation dynamics and acute toxicity of silver nanoparticles to <i>Daphnia magna</i> and <i>Lumbriculus variegatus</i> : implications for metal modeling approaches. <i>Environmental Science & Technology</i> , 2015 , 49, 4389-97	10.3	68
97	Cadmium sulfide quantum dots induce oxidative stress and behavioral impairments in the marine clam <i>Scrobicularia plana</i> . <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 1659-64	3.8	15
96	NANOSAFETY. How safe are nanomaterials?. <i>Science</i> , 2015 , 350, 388-9	33.3	148
95	Nano-titanium dioxide bioreactivity with human alveolar type-I-like epithelial cells: Investigating crystalline phase as a critical determinant. <i>Nanotoxicology</i> , 2015 , 9, 482-92	5.3	11
94	Cytotoxicity of TiO ₂ nanoparticles to mussel hemocytes and gill cells in vitro: Influence of synthesis method, crystalline structure, size and additive. <i>Nanotoxicology</i> , 2015 , 9, 543-53	5.3	39

93	Inhibition of potential uptake pathways for silver nanoparticles in the estuarine snail <i>Peringia ulvae</i> . <i>Nanotoxicology</i> , 2015 , 9, 493-501	5.3	39
92	Phosphorus in Environmental Technology: Principles and Applications. <i>Water Intelligence Online</i> , 2015 , 4, 9781780402758-9781780402758		1
91	Electrophoretic deposition of ZnO/alginate and ZnO-bioactive glass/alginate composite coatings for antimicrobial applications. <i>Materials Science and Engineering C</i> , 2015 , 55, 137-44	8.3	48
90	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, 1151-9	10.2	109
89	In vivo retention of ingested Au NPs by <i>Daphnia magna</i> : no evidence for trans-epithelial alimentary uptake. <i>Chemosphere</i> , 2014 , 100, 97-104	8.4	53
88	Biochemical and behavioural responses of the marine polychaete <i>Hediste diversicolor</i> to cadmium sulfide quantum dots (CdS QDs): waterborne and dietary exposure. <i>Chemosphere</i> , 2014 , 100, 63-70	8.4	49
87	Colloidal stability of nanoparticles derived from simulated cloud-processed mineral dusts. <i>Science of the Total Environment</i> , 2014 , 466-467, 864-70	10.2	13
86	Overview of Environmental Nanoscience. <i>Frontiers of Nanoscience</i> , 2014 , 7, 1-54	0.7	5
85	Bioaccumulation and effects of different-shaped copper oxide nanoparticles in the deposit-feeding snail <i>Potamopyrgus antipodarum</i> . <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1976-87	3.8	32
84	Toxicity and bioaccumulation of sediment-associated silver nanoparticles in the estuarine polychaete, <i>Nereis (Hediste) diversicolor</i> . <i>Aquatic Toxicology</i> , 2014 , 156, 106-15	5.1	54
83	Bioaccumulation and toxicity of CuO nanoparticles by a freshwater invertebrate after waterborne and dietborne exposures. <i>Environmental Science & Technology</i> , 2014 , 48, 10929-37	10.3	76
82	A strategy for grouping of nanomaterials based on key physico-chemical descriptors as a basis for safer-by-design NMs. <i>Nano Today</i> , 2014 , 9, 266-270	17.9	143
81	Multi-walled carbon nanotube length as a critical determinant of bioreactivity with primary human pulmonary alveolar cells. <i>Carbon</i> , 2014 , 78, 26-37	10.4	32
80	Synthesis and characterization of isotopically labeled silver nanoparticles for tracing studies. <i>Environmental Science: Nano</i> , 2014 , 1, 271-283	7.1	20
79	Comparative toxicity of metal oxide nanoparticles (CuO, ZnO and TiO ₂) to developing zebrafish embryos. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	54
78	Fate and effects of metal-based nanoparticles in two marine invertebrates, the bivalve mollusc <i>Scrobicularia plana</i> and the annelid polychaete <i>Hediste diversicolor</i> . <i>Environmental Science and Pollution Research</i> , 2014 , 21, 7899-912	5.1	66
77	Toxicity and accumulation of silver nanoparticles during development of the marine polychaete <i>Platynereis dumerilii</i> . <i>Science of the Total Environment</i> , 2014 , 476-477, 688-95	10.2	38
76	Aneuploidogenic effects and DNA oxidation induced in vitro by differently sized gold nanoparticles. <i>International Journal of Nanomedicine</i> , 2014 , 9, 2191-204	7.3	46

75	Macromolecular Coronas and Their Importance in Nanotoxicology and Nanoecotoxicology. <i>Frontiers of Nanoscience</i> , 2014 , 7, 127-156	0.7	32
74	Isotopically modified silver nanoparticles to assess nanosilver bioavailability and toxicity at environmentally relevant exposures. <i>Environmental Chemistry</i> , 2014 , 11, 247	3.2	36
73	Comparative study using spheres, rods and spindle-shaped nanoplatelets on dispersion stability, dissolution and toxicity of CuO nanomaterials. <i>Nanotoxicology</i> , 2014 , 8, 422-32	5.3	59
72	Subcellular localization of gold nanoparticles in the estuarine bivalve <i>Scrobicularia plana</i> after exposure through the water. <i>Gold Bulletin</i> , 2013 , 46, 47-56	1.6	27
71	A mesocosm study of fate and effects of CuO nanoparticles on endobenthic species (<i>Scrobicularia plana</i> , <i>Hediste diversicolor</i>). <i>Environmental Science & Technology</i> , 2013 , 47, 1620-8	10.3	43
70	Biochemical and behavioural responses of the endobenthic bivalve <i>Scrobicularia plana</i> to silver nanoparticles in seawater and microalgal food. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 89, 117-247		66
69	An atomic force microscopy study of the dissolution of calcite in the presence of phosphate ions. <i>Geochimica Et Cosmochimica Acta</i> , 2013 , 117, 115-128	5.5	37
68	Stable isotope tracer to determine uptake and efflux dynamics of ZnO Nano- and bulk particles and dissolved Zn to an estuarine snail. <i>Environmental Science & Technology</i> , 2013 , 47, 8532-9	10.3	39
67	Evaluation of topically applied copper(II) oxide nanoparticle cytotoxicity in human skin organ culture. <i>Toxicology in Vitro</i> , 2013 , 27, 292-8	3.6	34
66	Bioaccumulation, toxicokinetics, and effects of copper from sediment spiked with aqueous Cu, nano-CuO, or micro-CuO in the deposit-feeding snail, <i>Potamopyrgus antipodarum</i> . <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 1561-73	3.8	22
65	Multiple cytotoxic and genotoxic effects induced in vitro by differently shaped copper oxide nanomaterials. <i>Mutagenesis</i> , 2013 , 28, 287-99	2.8	51
64	Dietary bioavailability of cadmium presented to the gastropod <i>Peringia ulvae</i> as quantum dots and in ionic form. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 2621-9	3.8	9
63	Elucidation of toxicity pathways in lung epithelial cells induced by silicon dioxide nanoparticles. <i>PLoS ONE</i> , 2013 , 8, e72363	3.7	34
62	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	9.3	86
61	Chapter 4: Nanotoxicity: Are We Confident for Modelling? [An Experimentalist's Point of View. <i>RSC Nanoscience and Nanotechnology</i> , 2012 , 54-68		2
60	The dissolution rates of SiO ₂ nanoparticles as a function of particle size. <i>Environmental Science & Technology</i> , 2012 , 46, 4909-15	10.3	68
59	Br/Cl and I/Cl systematics in the shallow-water hydrothermal system at Milos Island, Hellenic Arc. <i>Marine Chemistry</i> , 2012 , 140-141, 33-43	3.7	10
58	Tracing bioavailability of ZnO nanoparticles using stable isotope labeling. <i>Environmental Science & Technology</i> , 2012 , 46, 12137-45	10.3	61

57	Isotopically modified nanoparticles for enhanced detection in bioaccumulation studies. <i>Environmental Science & Technology</i> , 2012 , 46, 1216-22	10.3	81
56	Effects of sediment-associated copper to the deposit-feeding snail, <i>Potamopyrgus antipodarum</i> : a comparison of Cu added in aqueous form or as nano- and micro-CuO particles. <i>Aquatic Toxicology</i> , 2012 , 106-107, 114-22	5.1	67
55	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, 191-8	7	60
54	Bioaccumulation dynamics and modeling in an estuarine invertebrate following aqueous exposure to nanosized and dissolved silver. <i>Environmental Science & Technology</i> , 2012 , 46, 7621-8	10.3	68
53	The complexity of nanoparticle dissolution and its importance in nanotoxicological studies. <i>Science of the Total Environment</i> , 2012 , 438, 225-32	10.2	340
52	Respiratory epithelial cytotoxicity and membrane damage (holes) caused by amine-modified nanoparticles. <i>Nanotoxicology</i> , 2012 , 6, 94-108	5.3	91
51	Two-cells phase separation in shallow submarine hydrothermal system at Milos Island, Greece: Boron isotopic evidence. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	8
50	Climate Change and Biosphere Response: Unlocking the Collections Vault. <i>BioScience</i> , 2011 , 61, 147-153	5.7	92
49	Toxic effects and bioaccumulation of nano-, micron- and ionic-Ag in the polychaete, <i>Nereis diversicolor</i> . <i>Aquatic Toxicology</i> , 2011 , 105, 403-11	5.1	81
48	A stable droplet reactor for high temperature nanocrystal synthesis. <i>Lab on A Chip</i> , 2011 , 11, 1221-7	7.2	97
47	Synthesis of isotopically modified ZnO nanoparticles and their potential as nanotoxicity tracers. <i>Environmental Pollution</i> , 2011 , 159, 266-273	9.3	62
46	Behavioural and biochemical responses of two marine invertebrates <i>Scrobicularia plana</i> and <i>Hediste diversicolor</i> to copper oxide nanoparticles. <i>Chemosphere</i> , 2011 , 84, 166-74	8.4	203
45	Silver bioaccumulation dynamics in a freshwater invertebrate after aqueous and dietary exposures to nanosized and ionic Ag. <i>Environmental Science & Technology</i> , 2011 , 45, 6600-7	10.3	166
44	Cellular internalization of silver nanoparticles in gut epithelia of the estuarine polychaete <i>Nereis diversicolor</i> . <i>Environmental Science & Technology</i> , 2011 , 45, 4630-6	10.3	118
43	A novel approach reveals that zinc oxide nanoparticles are bioavailable and toxic after dietary exposures. <i>Nanotoxicology</i> , 2011 , 5, 79-90	5.3	97
42	An evaluation of the reactivity of synthetic and natural apatites in the presence of aqueous metals. <i>Science of the Total Environment</i> , 2009 , 407, 2953-65	10.2	59
41	Linking rhizoplane pH and bacterial density at the microhabitat scale. <i>Journal of Microbiological Methods</i> , 2009 , 76, 101-4	2.8	15
40	Characterisation of carbon nanotubes in the context of toxicity studies. <i>Environmental Health</i> , 2009 , 8 Suppl 1, S3	6	15

39	Phosphorus Recovery from Wastewater by Struvite Crystallization: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2009 , 39, 433-477	11.1	480
38	Arsenic pollution sources. <i>Reviews of Environmental Contamination and Toxicology</i> , 2008 , 197, 17-60	3.5	111
37	A novel method for sampling bacteria on plant root and soil surfaces at the microhabitat scale. <i>Journal of Microbiological Methods</i> , 2008 , 75, 12-8	2.8	24
36	Field trial using bone meal amendments to remediate mine waste derived soil contaminated with zinc, lead and cadmium. <i>Applied Geochemistry</i> , 2008 , 23, 2414-2424	3.5	23
35	Phosphate Mineral Reactivity and Global Sustainability. <i>Elements</i> , 2008 , 4, 83-87	3.8	103
34	Bone and Tooth Mineralization: Why Apatite?. <i>Elements</i> , 2008 , 4, 97-104	3.8	201
33	Nanomaterial synthesis and characterization for toxicological studies: TiO ₂ case study. <i>Mineralogical Magazine</i> , 2008 , 72, 515-519	1.7	8
32	Phosphate mineral reactivity: from global cycles to sustainable development. <i>Mineralogical Magazine</i> , 2008 , 72, 337-340	1.7	24
31	The ecotoxicology of nanoparticles and nanomaterials: current status, knowledge gaps, challenges, and future needs. <i>Ecotoxicology</i> , 2008 , 17, 315-25	2.9	646
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