

Nanoparticles in the environment: where do we come from

Environmental Sciences Europe

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Photodegradation of Ibuprofen, Cetirizine, and Naproxen by PAN-MWCNT/TiO ₂ -NH ₂ nanofiber membrane under UV light irradiation. <i>Environmental Sciences Europe</i> , 2018, 30, 47.	2.6	60
2	The Toxicity of Nanoparticles to Organisms in Freshwater. <i>Reviews of Environmental Contamination and Toxicology</i> , 2018, 248, 1-80.	0.7	11
3	Evaluation of a cloud point extraction method for the preconcentration and quantification of silver nanoparticles in water samples by ETAAS. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 1434-1447.	1.8	7
4	Deposition of engineered nanoparticles (ENPs) on surfaces in aquatic systems: a review of interaction forces, experimental approaches, and influencing factors. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33056-33081.	2.7	26
5	Experimental Assessment and Model Validation on How Shape Determines Sedimentation and Diffusion of Colloidal Particles. <i>Langmuir</i> , 2018, 34, 13339-13351.	1.6	12
6	Regium bonds between M _n clusters (M = Cu, Ag, Au and $n = 2-6$) and nucleophiles NH ₃ and HCN. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22498-22509.	1.3	46
7	Combined pollution of copper nanoparticles and atrazine in soil: Effects on dissipation of the pesticide and on microbiological community profiles. <i>Journal of Hazardous Materials</i> , 2019, 361, 228-236.	6.5	55
8	Detection, occurrence, and fate of emerging contaminants in agricultural environments (2019). <i>Water Environment Research</i> , 2019, 91, 1103-1113.	1.3	23
9	Sunscreens as a New Source of Metals and Nutrients to Coastal Waters. <i>Environmental Science & Technology</i> , 2019, 53, 10177-10187.	4.6	31
10	Safety Issue of Changed Nanotoxicity of Zinc Oxide Nanoparticles in the Multicomponent System. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900214.	1.2	5
11	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
12	Ion specific effects of monovalent cations on deposition kinetics of engineered nanoparticles onto the silica surface in aqueous media. <i>Environmental Science: Nano</i> , 2019, 6, 2712-2723.	2.2	9
13	Creating a global database "Nanomaterials in the soil environment": future need for the terrestrial ecosystem. <i>Energy, Ecology and Environment</i> , 2019, 4, 271-285.	1.9	4
14	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
15	Mixture toxicity of metal oxide nanoparticles and silver ions on <i>Daphnia magna</i> . <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	19
16	A sub-individual multilevel approach for an integrative assessment of CuO nanoparticle effects on <i>Corbicula fluminea</i> . <i>Environmental Pollution</i> , 2019, 254, 112976.	3.7	6
17	The zebrafish embryotoxicity test (ZET) for nanotoxicity assessment: from morphological to molecular approach. <i>Environmental Pollution</i> , 2019, 252, 1841-1853.	3.7	82
18	Identifying ecotoxicological descriptors to enable predictive hazard assessments of nano-TiO ₂ from a meta-analysis of ecotoxicological data. <i>NanoImpact</i> , 2019, 15, 100180.	2.4	2

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19	The Influence of Available Cu and Au Nanoparticles (NPs) on the Survival of Water Fleas (<i>Daphnia</i>) Tj ETQq0 0 0 rgBT./Overlock 10 Tf 50	1.2	10
20	Are Nanoparticles a Threat to Mycorrhizal and Rhizobial Symbioses? A Critical Review. <i>Frontiers in Microbiology</i> , 2019, 10, 1660.	1.5	53
21	Small-sized platinum nanoparticles in soil organic matter: Influence on water holding capacity, evaporation and structural rigidity. <i>Science of the Total Environment</i> , 2019, 694, 133822.	3.9	15
22	On how environmental and experimental conditions affect the results of aquatic nanotoxicology on brine shrimp (<i>Artemia salina</i>): A case of silver nanoparticles toxicity. <i>Environmental Pollution</i> , 2019, 255, 113358.	3.7	36
23	Acute effects of nanoplastics and microplastics on periphytic biofilms depending on particle size, concentration and surface modification. <i>Environmental Pollution</i> , 2019, 255, 113300.	3.7	100
24	Anaerobic digestion, mixing, environmental fate, and transport. <i>Water Environment Research</i> , 2019, 91, 1210-1222.	1.3	9
25	The depuration fate of the mixtures of CdS/ZnS quantum dots (QDs) with different surface coatings on mangrove and wheat root epidermis: results from a novel method. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	4
26	Evaluation of microbial shifts caused by a silver nanomaterial: comparison of four test systems. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	8
27	Anaerobic digestion. <i>Water Environment Research</i> , 2019, 91, 1253-1271.	1.3	58
28	Exploring the mechanisms of graphene oxide behavioral and morphological changes in zebrafish. <i>Environmental Science and Pollution Research</i> , 2019, 26, 30508-30523.	2.7	18
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36	Detection of engineered nanoparticles in aquatic environments: current status and challenges in enrichment, separation, and analysis. <i>Environmental Science: Nano</i> , 2019, 6, 709-735.	2.2	81

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37	Interaction of Zinc Oxide and Copper Oxide Nanoparticles with Chlorophyll: A Fluorescence Quenching Study. <i>Analytical Letters</i> , 2019, 52, 1539-1557.	1.0	22
38	The role of analytical chemistry in exposure science: Focus on the aquatic environment. <i>Chemosphere</i> , 2019, 222, 564-583.	4.2	87
39	Graphene oxide effects in early ontogenetic stages of <i>Triticum aestivum</i> L. seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 345-352.	2.9	39
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47	Exposure pathway dependent effects of titanium dioxide and silver nanoparticles on the benthic amphipod <i>Gammarus fossarum</i> . <i>Aquatic Toxicology</i> , 2019, 212, 47-53.	1.9	13
48	Co-transport behavior of nano-ZnO particles in the presence of metal-nanoparticles through saturated porous media. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103103.	3.3	16
49	Repeated oral dose toxicity study of nickel oxide nanoparticles in Wistar rats: a histological and biochemical perspective. <i>Journal of Applied Toxicology</i> , 2019, 39, 1012-1029.	1.4	31
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58	Toxicity assessment of metal oxide nanoparticles on terrestrial plants. <i>Comprehensive Analytical Chemistry</i> , 2019, , 189-207.	0.7	15
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67	The nanotechnology among US: are metal and metal oxides nanoparticles a nano or mega risk for soil microbial communities?. <i>Critical Reviews in Biotechnology</i> , 2019, 39, 157-172.	5.1	55
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76	Validation of a field deployable reactor for <i>in situ</i> formation of NOM-engineered nanoparticle corona. <i>Environmental Science: Nano</i> , 2020, 7, 486-500.	2.2	5
77	Ethylene mediates CuO NP-induced ultrastructural changes and oxidative stress in <i>Arabidopsis thaliana</i> leaves. <i>Environmental Science: Nano</i> , 2020, 7, 938-953.	2.2	24
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79	Silver nanoparticle toxicity effect on the seagrass <i>Halophila stipulacea</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109925.	2.9	23
80	Nano-modified CO ₂ for enhanced deep saline CO ₂ sequestration: A review and perspective study. <i>Earth-Science Reviews</i> , 2020, 200, 103035.	4.0	16
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97	Comparative biokinetics of pristine and sulfidized Ag nanoparticles in two arthropod species exposed to different field soils. <i>Environmental Science: Nano</i> , 2020, 7, 2735-2746.	2.2	9
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99	Transfer and Transcriptomic Profiling in Liver and Brain of European Eels (<i>Anguilla anguilla</i>) After Diet-borne Exposure to Gold Nanoparticles. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 2450-2461.	2.2	2
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110	A high throughput method to investigate nanoparticle entrapment efficiencies in biofilms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 193, 111123.	2.5	16
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118	Routine, ensemble characterisation of electrophoretic mobility in high and saturated ionic dispersions. <i>Scientific Reports</i> , 2020, 10, 4628.	1.6	12
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123	Interaction of Engineered Nanomaterials with Soil Microbiome and Plants: Their Impact on Plant and Soil Health. <i>Sustainable Agriculture Reviews</i> , 2020, , 181-199.	0.6	15
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128	Analysis of the Exposure of Organisms to the Action of Nanomaterials. <i>Materials</i> , 2020, 13, 349.	1.3	40
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139	Electrochemical Quantification of Lead Adsorption on TiO ₂ Nanoparticles. <i>Electroanalysis</i> , 2021, 33, 188-196.	1.5	3
140	Predicting the environmental emissions arising from conventional and nanotechnology-related pharmaceutical drug products. <i>Environmental Research</i> , 2021, 192, 110219.	3.7	12
141	Nanomaterials in the environment, human exposure pathway, and health effects: A review. <i>Science of the Total Environment</i> , 2021, 759, 143470.	3.9	133
142	Miniaturized analytical methods for determination of environmental contaminants of emerging concern â€“ A review. <i>Analytica Chimica Acta</i> , 2021, 1158, 238108.	2.6	49
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