

Stability and Aggregation of Metal Oxide Nanoparticles

Environmental Science & Technology

44, 1962-1967

DOI: [10.1021/es902987d](https://doi.org/10.1021/es902987d)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Environmental Occurrences, Behavior, Fate, and Ecological Effects of Nanomaterials: An Introduction to the Special Series. <i>Journal of Environmental Quality</i> , 2010, 39, 1867-1874.	1.0	99
2	Beyond Photovoltaics: Semiconductor Nanoarchitectures for Liquid-Junction Solar Cells. <i>Chemical Reviews</i> , 2010, 110, 6664-6688.	23.0	716
3	Assessment of the physico-chemical behavior of titanium dioxide nanoparticles in aquatic environments using multi-dimensional parameter testing. <i>Environmental Pollution</i> , 2010, 158, 3472-3481.	3.7	87
4	Container to characterization: Impacts of metal oxide handling, preparation, and solution chemistry on particle stability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 368, 91-95.	2.3	42
5	Impacts of Metal Oxide Nanoparticles on Marine Phytoplankton. <i>Environmental Science & Technology</i> , 2010, 44, 7329-7334.	4.6	280
6	Measuring the Influence of Solution Chemistry on the Adhesion of Au Nanoparticles to Mica Using Colloid Probe Atomic Force Microscopy. <i>Langmuir</i> , 2010, 26, 13995-14003.	1.6	27
7	Review: Do engineered nanoparticles pose a significant threat to the aquatic environment?. <i>Critical Reviews in Toxicology</i> , 2010, 40, 653-670.	1.9	277
8	Role of morphology in the aggregation kinetics of ZnO nanoparticles. <i>Water Research</i> , 2010, 44, 2948-2956.	5.3	226
9	Long-Term Effects of Titanium Dioxide Nanoparticles on Nitrogen and Phosphorus Removal from Wastewater and Bacterial Community Shift in Activated Sludge. <i>Environmental Science & Technology</i> , 2011, 45, 7284-7290.	4.6	205
10	Physicochemical Characterization and Ecotoxicological Assessment of CeO ₂ Nanoparticles Using Two Aquatic Microorganisms. <i>Toxicological Sciences</i> , 2011, 119, 135-145.	1.4	168
11	Cytotoxicity of Al ₂ O ₃ Nanoparticles at Low Exposure Levels to a Freshwater Bacterial Isolate. <i>Chemical Research in Toxicology</i> , 2011, 24, 1899-1904.	1.7	68
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14	Nanotechnology Environmental, Health, and Safety Issues. , 2011, , 159-220.		5
15	Exposure, Health and Ecological Effects Review of Engineered Nanoscale Cerium and Cerium Oxide Associated with its Use as a Fuel Additive. <i>Critical Reviews in Toxicology</i> , 2011, 41, 213-229.	1.9	305
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17	Toxicity and Internalization of CuO Nanoparticles to Prokaryotic Alga <i>Microcystis aeruginosa</i> as Affected by Dissolved Organic Matter. <i>Environmental Science & Technology</i> , 2011, 45, 6032-6040.	4.6	323
18	TiO ₂ Nanoparticles in the Marine Environment: Impact on the Toxicity of Tributyltin to Abalone (<i>Haliotis diversicolor supertexta</i>) Embryos. <i>Environmental Science & Technology</i> , 2011, 45, 3753-3758.	4.6	184

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20	Occurrence and removal of titanium at full scale wastewater treatment plants: implications for TiO ₂ nanomaterials. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1195.	2.1	345
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22	Evidence for Negative Effects of TiO ₂ and ZnO Nanoparticles on Soil Bacterial Communities. <i>Environmental Science & Technology</i> , 2011, 45, 1659-1664.	4.6	437
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48	Influence of pH on the transport of nanoscale zinc oxide in saturated porous media. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4035-4047.	0.8	81
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56	Analytical chemistry of metallic nanoparticles in natural environments. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 528-540.	5.8	152
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78	The effect of inorganic ions on the aggregation kinetics of lab-made TiO_2 nanoparticles in water. <i>Science of the Total Environment</i> , 2012, 435-436, 446-452.	3.9	62
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132	Uptake and retention of metallic nanoparticles in the Mediterranean mussel (<i>Mytilus</i>) Tj ETQqO O O rgBT /Overlock 10 Tf 50 582 Td (gall	1.9	37
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141	Effects of Material Morphology on the Phototoxicity of Nano-TiO ₂ to Bacteria. <i>Environmental Science & Technology</i> , 2013, 47, 12486-12495.	4.6	138
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