

Swayamprava Dalai

List of Publications by Year in descending order

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17
papers

989
citations

623734

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docs citations

17
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1526
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Genotoxicity Assessment of Titanium Dioxide Nanoparticles by Allium cepa Root Tip Assay at High Exposure Concentrations. PLoS ONE, 2014, 9, e87789.	2.5	152
2	Ecotoxicity study of titania (TiO ₂) NPs on two microalgae species: Scenedesmus sp. and Chlorella sp.. Ecotoxicology and Environmental Safety, 2011, 74, 1180-1187.	6.0	144
3	A comparative cytotoxicity study of TiO ₂ nanoparticles under light and dark conditions at low exposure concentrations. Toxicology Research, 2012, 1, 116.	2.1	134
4	Cytotoxicity of aluminium oxide nanoparticles towards fresh water algal isolate at low exposure concentrations. Aquatic Toxicology, 2013, 132-133, 34-45.	4.0	106
5	Cytotoxicity of TiO ₂ nanoparticles and their detoxification in a freshwater system. Aquatic Toxicology, 2013, 138-139, 1-11.	4.0	71
6	Cytotoxicity of Al ₂ O ₃ Nanoparticles at Low Exposure Levels to a Freshwater Bacterial Isolate. Chemical Research in Toxicology, 2011, 24, 1899-1904.	3.3	68
7	Ceriodaphnia dubia as a Potential Bio-Indicator for Assessing Acute Aluminum Oxide Nanoparticle Toxicity in Fresh Water Environment. PLoS ONE, 2013, 8, e74003.	2.5	61
8	Acute Toxicity of TiO ₂ Nanoparticles to Ceriodaphnia dubia under Visible Light and Dark Conditions in a Freshwater System. PLoS ONE, 2013, 8, e62970.	2.5	51
9	Toxic effect of Cr(VI) in presence of n-TiO ₂ and n-Al ₂ O ₃ particles towards freshwater microalgae. Aquatic Toxicology, 2014, 146, 28-37.	4.0	43
10	Spectroscopic studies on the interaction of bovine serum albumin with Al ₂ O ₃ nanoparticles. Journal of Luminescence, 2014, 145, 859-865.	3.1	38
11	Different modes of TiO ₂ uptake by Ceriodaphnia dubia: Relevance to toxicity and bioaccumulation. Aquatic Toxicology, 2014, 152, 139-146.	4.0	34
12	Trophic transfer potential of aluminium oxide nanoparticles using representative primary producer (Chlorella ellipsoides) and a primary consumer (Ceriodaphnia dubia). Aquatic Toxicology, 2014, 152, 74-81.	4.0	31
13	Studies on interfacial interactions of TiO ₂ nanoparticles with bacterial cells under light and dark conditions. Bulletin of Materials Science, 2014, 37, 371-381.	1.7	20
14	A temporal study on fate of Al ₂ O ₃ nanoparticles in a fresh water microcosm at environmentally relevant low concentrations. Ecotoxicology and Environmental Safety, 2012, 84, 70-77.	6.0	18
15	Qualitative toxicity assessment of silver nanoparticles on the fresh water bacterial isolates and consortium at low level of exposure concentration. Ecotoxicology and Environmental Safety, 2014, 108, 152-160.	6.0	15
16	Nanomaterial Toxicity in Microbes, Plants and Animals. Sustainable Agriculture Reviews, 2017, , 243-266.	1.1	3
17	Effect of Probiotics on Host-Microbial Crosstalk: A Review on Strategies to Combat Diversified Strain of Coronavirus. Encyclopedia, 2022, 2, 1138-1153.	4.5	0