

Swayamprava Dalai

List of Publications by Citations

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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.

16 papers	832 citations	14 h-index	17 g-index
17 ext. papers	901 ext. citations	4.4 avg, IF	3.76 L-index

#	Paper	IF	Citations
16	In vivo genotoxicity assessment of titanium dioxide nanoparticles by <i>Allium cepa</i> root tip assay at high exposure concentrations. <i>PLoS ONE</i> , 2014 , 9, e87789	3.7	122
15	Ecotoxicity study of titania (TiO ₂)NPs on two microalgae species: <i>Scenedesmus</i> sp. and <i>Chlorella</i> sp. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 1180-7	7	119
14	A comparative cytotoxicity study of TiO ₂ nanoparticles under light and dark conditions at low exposure concentrations. <i>Toxicology Research</i> , 2012 , 1, 116	2.6	117
13	Cytotoxicity of aluminium oxide nanoparticles towards fresh water algal isolate at low exposure concentrations. <i>Aquatic Toxicology</i> , 2013 , 132-133, 34-45	5.1	86
12	Cytotoxicity of Al ₂ O ₃ nanoparticles at low exposure levels to a freshwater bacterial isolate. <i>Chemical Research in Toxicology</i> , 2011 , 24, 1899-904	4	61
11	Cytotoxicity of TiO ₂ nanoparticles and their detoxification in a freshwater system. <i>Aquatic Toxicology</i> , 2013 , 138-139, 1-11	5.1	60
10	<i>Ceriodaphnia dubia</i> as a potential bio-indicator for assessing acute aluminum oxide nanoparticle toxicity in fresh water environment. <i>PLoS ONE</i> , 2013 , 8, e74003	3.7	50
9	Acute toxicity of TiO ₂ nanoparticles to <i>Ceriodaphnia dubia</i> under visible light and dark conditions in a freshwater system. <i>PLoS ONE</i> , 2013 , 8, e62970	3.7	43
8	Toxic effect of Cr(VI) in presence of n-TiO ₂ and n-Al ₂ O ₃ particles towards freshwater microalgae. <i>Aquatic Toxicology</i> , 2014 , 146, 28-37	5.1	36
7	Different modes of TiO ₂ uptake by <i>Ceriodaphnia dubia</i> : relevance to toxicity and bioaccumulation. <i>Aquatic Toxicology</i> , 2014 , 152, 139-46	5.1	32
6	Spectroscopic studies on the interaction of bovine serum albumin with Al ₂ O ₃ nanoparticles. <i>Journal of Luminescence</i> , 2014 , 145, 859-865	3.8	31
5	Trophic transfer potential of aluminium oxide nanoparticles using representative primary producer (<i>Chlorella ellipsoidea</i>) and a primary consumer (<i>Ceriodaphnia dubia</i>). <i>Aquatic Toxicology</i> , 2014 , 152, 74-81	5.1	27
4	Studies on interfacial interactions of TiO ₂ nanoparticles with bacterial cells under light and dark conditions. <i>Bulletin of Materials Science</i> , 2014 , 37, 371-381	1.7	17
3	A temporal study on fate of Al ₂ O ₃ nanoparticles in a fresh water microcosm at environmentally relevant low concentrations. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 84, 70-7	7	16
2	Qualitative toxicity assessment of silver nanoparticles on the fresh water bacterial isolates and consortium at low level of exposure concentration. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 108, 152-60	7	13
1	Nanomaterial Toxicity in Microbes, Plants and Animals. <i>Sustainable Agriculture Reviews</i> , 2017 , 243-266	1.3	2