

Katre Juganson

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.

13
papers

1,513
citations

11
h-index

15
g-index

15
ext. papers

1,714
ext. citations

5.5
avg, IF

4.31
L-index

#	Paper	IF	Citations
13	Toxicity of Ag, CuO and ZnO nanoparticles to selected environmentally relevant test organisms and mammalian cells in vitro: a critical review. <i>Archives of Toxicology</i> , 2013 , 87, 1181-200	5.8	827
12	Mechanisms of toxic action of Ag, ZnO and CuO nanoparticles to selected ecotoxicological test organisms and mammalian cells in vitro: a comparative review. <i>Nanotoxicology</i> , 2014 , 8 Suppl 1, 57-71	5.3	247
11	Photocatalytic antibacterial activity of nano-TiO ₂ (anatase)-based thin films: effects on Escherichia coli cells and fatty acids. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 142, 178-85	6.7	151
10	NanoE-Tox: New and in-depth database concerning ecotoxicity of nanomaterials. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 1788-804	3	93
9	An interlaboratory comparison of nanosilver characterisation and hazard identification: Harmonising techniques for high quality data. <i>Environment International</i> , 2016 , 87, 20-32	12.9	38
8	Toxicity of Nine (Doped) Rare Earth Metal Oxides and Respective Individual Metals to Aquatic Microorganisms Vibrio fischeri and Tetrahymena thermophila. <i>Materials</i> , 2017 , 10,	3.5	33
7	Dissolution of silver nanowires and nanospheres dictates their toxicity to Escherichia coli. <i>BioMed Research International</i> , 2013 , 2013, 819252	3	32
6	Mechanisms of toxic action of silver nanoparticles in the protozoan Tetrahymena thermophila: From gene expression to phenotypic events. <i>Environmental Pollution</i> , 2017 , 225, 481-489	9.3	29
5	Extracellular conversion of silver ions into silver nanoparticles by protozoan Tetrahymena thermophila. <i>Environmental Sciences: Processes and Impacts</i> , 2013 , 15, 244-50	4.3	23
4	Exposure to sublethal concentrations of CoO and MnO nanoparticles induced elevated metal body burden in Daphnia magna. <i>Aquatic Toxicology</i> , 2017 , 189, 123-133	5.1	16
3	Potential ecotoxicological effects of antimicrobial surface coatings: a literature survey backed up by analysis of market reports. <i>PeerJ</i> , 2019 , 7, e6315	3.1	16
2	Aqueous photocatalytic oxidation of prednisolone. <i>Open Chemistry</i> , 2013 , 11, 1620-1633	1.6	3
1	Transcriptomic responses to silver nanoparticles in the freshwater unicellular eukaryote Tetrahymena thermophila. <i>Environmental Pollution</i> , 2021 , 269, 115965	9.3	3