

Margit Heinlaan

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.

21 papers	2,830 citations	14 h-index	23 g-index
23 ext. papers	3,121 ext. citations	6.3 avg, IF	4.8 L-index

#	Paper	IF	Citations
21	Toxicity of nanosized and bulk ZnO, CuO and TiO ₂ to bacteria <i>Vibrio fischeri</i> and crustaceans <i>Daphnia magna</i> and <i>Thamnocephalus platyurus</i> . <i>Chemosphere</i> , 2008 , 71, 1308-16	8.4	1126
20	Size-dependent toxicity of silver nanoparticles to bacteria, yeast, algae, crustaceans and mammalian cells in vitro. <i>PLoS ONE</i> , 2014 , 9, e102108	3.7	388
19	Ecotoxicity of nanoparticles of CuO and ZnO in natural water. <i>Environmental Pollution</i> , 2010 , 158, 41-7	9.3	343
18	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
17	Toxicity of 11 Metal Oxide Nanoparticles to Three Mammalian Cell Types In Vitro. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 1914-29	3	151
16	Changes in the <i>Daphnia magna</i> midgut upon ingestion of copper oxide nanoparticles: a transmission electron microscopy study. <i>Water Research</i> , 2011 , 45, 179-90	12.5	135
15	High throughput kinetic <i>Vibrio fischeri</i> bioluminescence inhibition assay for study of toxic effects of nanoparticles. <i>Toxicology in Vitro</i> , 2008 , 22, 1412-7	3.6	130
14	Multilaboratory evaluation of 15 bioassays for (eco)toxicity screening and hazard ranking of engineered nanomaterials: FP7 project NANOVALID. <i>Nanotoxicology</i> , 2016 , 10, 1229-42	5.3	59
13	Hazard evaluation of polystyrene nanoplastic with nine bioassays did not show particle-specific acute toxicity. <i>Science of the Total Environment</i> , 2020 , 707, 136073	10.2	52
12	Ecotoxicological effects of different glyphosate formulations. <i>Applied Soil Ecology</i> , 2013 , 72, 215-224	5	50
11	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
10	Potential Hazard of Lanthanides and Lanthanide-Based Nanoparticles to Aquatic Ecosystems: Data Gaps, Challenges and Future Research Needs Derived from Bibliometric Analysis. <i>Nanomaterials</i> , 2020 , 10,	5.4	23
9	Natural water as the test medium for Ag and CuO nanoparticle hazard evaluation: An interlaboratory case study. <i>Environmental Pollution</i> , 2016 , 216, 689-699	9.3	23
8	Exposure to sublethal concentrations of CoO and MnO nanoparticles induced elevated metal body burden in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2017 , 189, 123-133	5.1	16
7	Combined Effects of Test Media and Dietary Algae on the Toxicity of CuO and ZnO Nanoparticles to Freshwater Microcrustaceans and : Food for Thought. <i>Nanomaterials</i> , 2018 , 9,	5.4	13
6	Techniques Used for Analyzing Microplastics, Antimicrobial Resistance and Microbial Community Composition: A Mini-Review. <i>Frontiers in Microbiology</i> , 2021 , 12, 603967	5.7	8
5	Evaluation of the effect of test medium on total Cu body burden of nano CuO-exposed <i>Daphnia magna</i> : A TXRF spectroscopy study. <i>Environmental Pollution</i> , 2017 , 231, 1488-1496	9.3	7

4	Rapid screening for soil ecotoxicity with a battery of luminescent bacteria tests. <i>ATLA Alternatives To Laboratory Animals</i> , 2007 , 35, 101-10	2.1	7
3	Long Term Exposure to Virgin and Recycled LDPE Microplastics Induced Minor Effects in the Freshwater and Terrestrial Crustaceans and. <i>Polymers</i> , 2021 , 13,	4.5	7
2	Seagrass beds reveal high abundance of microplastic in sediments: A case study in the Baltic Sea. <i>Marine Pollution Bulletin</i> , 2021 , 168, 112417	6.7	5
1	IMPACT OF OIL SHALE OPENCAST MINING AND COMBUSTION ON NARVA RIVER AND ITS TRIBUTARIES: CHEMICAL AND ECOTOXICOLOGICAL CHARACTERISATION. <i>Oil Shale</i> , 2012 , 29, 173	1.2	1