

Aiga Mackevica

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.

19
papers

753
citations

15
h-index

19
g-index

19
ext. papers

891
ext. citations

6.2
avg, IF

4.36
L-index

#	Paper	IF	Citations
19	Nanoproducts – what is actually available to European consumers?. <i>Environmental Science: Nano</i> , 2016 , 3, 169-180	7.1	126
18	Green synthesis of gold and silver nanoparticles from (industrial hemp) and their capacity for biofilm inhibition. <i>International Journal of Nanomedicine</i> , 2018 , 13, 3571-3591	7.3	92
17	Silver nanoparticle release from commercially available plastic food containers into food simulants. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	87
16	The release of silver nanoparticles from commercial toothbrushes. <i>Journal of Hazardous Materials</i> , 2017 , 322, 270-275	12.8	72
15	Anti-biofilm effects of gold and silver nanoparticles synthesized by the <i>Rhodiola rosea</i> rhizome extracts. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, S886-S899	6.1	60
14	Meeting the Needs for Released Nanomaterials Required for Further Testing-The SUN Approach. <i>Environmental Science & Technology</i> , 2016 , 50, 2747-53	10.3	49
13	Release of nanomaterials from solid nanocomposites and consumer exposure assessment - a forward-looking review. <i>Nanotoxicology</i> , 2016 , 10, 641-53	5.3	40
12	Chronic toxicity of silver nanoparticles to <i>Daphnia magna</i> under different feeding conditions. <i>Aquatic Toxicology</i> , 2015 , 161, 10-6	5.1	40
11	Strategies for determining heteroaggregation attachment efficiencies of engineered nanoparticles in aquatic environments. <i>Environmental Science: Nano</i> , 2020 , 7, 351-367	7.1	35
10	Endocytosis, intracellular fate, accumulation, and agglomeration of titanium dioxide (TiO) nanoparticles in the rainbow trout liver cell line RTL-W1. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 15354-15372	5.1	31
9	Nanoscale Coloristic Pigments: Upper Limits on Releases from Pigmented Plastic during Environmental Aging, In Food Contact, and by Leaching. <i>Environmental Science & Technology</i> , 2017 , 51, 11669-11680	10.3	25
8	Behavior and chronic toxicity of two differently stabilized silver nanoparticles to <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2016 , 177, 526-35	5.1	25
7	Quantitative characterization of TiO ₂ nanoparticle release from textiles by conventional and single particle ICP-MS. <i>Journal of Nanoparticle Research</i> , 2018 , 20, 1	2.3	20
6	Mixture toxicity effects and uptake of titanium dioxide (TiO) nanoparticles and 3,3',4,4'-tetrachlorobiphenyl (PCB77) in juvenile brown trout following co-exposure via the diet. <i>Aquatic Toxicology</i> , 2019 , 213, 105195	5.1	18
5	Quantitative human health risk assessment along the lifecycle of nano-scale copper-based wood preservatives. <i>Nanotoxicology</i> , 2018 , 12, 747-765	5.3	17
4	Current uses of nanomaterials in biocidal products and treated articles in the EU. <i>Environmental Science: Nano</i> , 2016 , 3, 1195-1205	7.1	10
3	Nanomaterials in the European chemicals legislation – methodological challenges for registration and environmental safety assessment. <i>Environmental Science: Nano</i> , 2021 , 8, 731-747	7.1	3

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| 2 | Towards Standardization for Determining Dissolution Kinetics of Nanomaterials in Natural Aquatic Environments: Continuous Flow Dissolution of Ag Nanoparticles.. <i>Nanomaterials</i> , 2022 , 12, | 5-4 | 2 |
| 1 | Release of Ag/ZnO Nanomaterials and Associated Risks of a Novel Water Sterilization Technology. <i>Water (Switzerland)</i> , 2019 , 11, 2276 | 3 | 1 |