

Alexandra Kroll

List of Publications by Year in descending order

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16
papers

1,653
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

3237
citing authors

#	ARTICLE	IF	CITATIONS
1	Herbicide-Induced Shifts in the Periphyton Community Composition Indirectly Affect Feeding Activity and Physiology of the Gastropod Grazer <i>Physella acuta</i> . Environmental Science & Technology, 2021, 55, 14699-14709.	10.0	6
2	Carboxylate Functional Groups Mediate Interaction with Silver Nanoparticles in Biofilm Matrix. ACS Omega, 2018, 3, 724-733.	3.5	29
3	Evaluation of Phototrophic Stream Biofilms Under Stress: Comparing Traditional and Novel Ecotoxicological Endpoints After Exposure to Diuron. Frontiers in Microbiology, 2018, 9, 2974.	3.5	6
4	Classification and Segmentation of Nanoparticle Diffusion Trajectories in Cellular Micro Environments. PLoS ONE, 2017, 12, e0170165.	2.5	93
5	Toxic interactions of different silver forms with freshwater green algae and cyanobacteria and their effects on mechanistic endpoints and the production of extracellular polymeric substances. Environmental Science: Nano, 2016, 3, 396-408.	4.3	45
6	Mixed messages from benthic microbial communities exposed to nanoparticulate and ionic silver: 3D structure picks up nano-specific effects, while EPS and traditional endpoints indicate a concentration-dependent impact of silver ions. Environmental Science and Pollution Research, 2016, 23, 4218-4234.	5.3	14
7	Biological Components and Bioelectronic Interfaces of Water Splitting Photoelectrodes for Solar Hydrogen Production. Chemistry - A European Journal, 2015, 21, 4188-4199.	3.3	8
8	Extracellular Polymeric Substances (EPS) of Freshwater Biofilms Stabilize and Modify CeO ₂ and Ag Nanoparticles. PLoS ONE, 2014, 9, e110709.	2.5	81
9	<i>In vitro</i> toxicology of ambient particulate matter: Correlation of cellular effects with particle size and components. Environmental Toxicology, 2013, 28, 76-86.	4.0	42
10	Characterization of extracellular polymeric substances (EPS) from periphyton using liquid chromatography-organic carbon detection-organic nitrogen detection (LC-OCD-OND). Environmental Science and Pollution Research, 2013, 20, 3214-3223.	5.3	64
11	Interference of engineered nanoparticles with <i>in vitro</i> toxicity assays. Archives of Toxicology, 2012, 86, 1123-1136.	4.2	302
12	Nanobiology's convergence of disciplines inspires great applications. Cellular and Molecular Life Sciences, 2012, 69, 335-336.	5.4	4
13	Conserved CDC20 Cell Cycle Functions Are Carried out by Two of the Five Isoforms in <i>Arabidopsis thaliana</i> . PLoS ONE, 2011, 6, e20618.	2.5	71
14	Testing Metal-Oxide Nanomaterials for Human Safety. Advanced Materials, 2010, 22, 2601-2627.	21.0	348
15	Current <i>in vitro</i> methods in nanoparticle risk assessment: Limitations and challenges. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 72, 370-377.	4.3	392
16	Not ready to use - overcoming pitfalls when dispersing nanoparticles in physiological media. Nanotoxicology, 2008, 2, 51-61.	3.0	148