Heiki Vija

List of Publications by Year
in descending order

24	1,362	471477 17	610883 24
papers	citations	h-index	g-index

24	24	24	2906
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cubic Iron Coreâ€“Shell Nanoparticles Functionalized to Obtain High-Performance MRI Contrast Agents. Materials, 2022, 15, 2228.	2.9	3
2	Visible-Light Active Flexible and Durable Photocatalytic Antibacterial Ethylene-co-vinyl Acetateâ€”Ag/AgCl/Î±-Fe2O3 Composite Coating. Nanomaterials, 2022, 12, 1984.	4.1	4
3	Colon cancer cell differentiation by sodium butyrate modulates metabolic plasticity of Caco-2 cells via alteration of phosphotransfer network. PLoS ONE, 2021, 16, e0245348.	2.5	19
4	Long Term Exposure to Virgin and Recycled LDPE Microplastics Induced Minor Effects in the Freshwater and Terrestrial Crustaceans Daphnia magna and Porcellio scaber. Polymers, 2021, 13, 771.	4.5	28
5	Long-Term Toxicity of Gadolinium to the Freshwater Crustacean Daphnia magna. Bulletin of Environmental Contamination and Toxicology, 2021, , 1.	2.7	3
6	Hazard evaluation of polystyrene nanoplastic with nine bioassays did not show particle-specific acute toxicity. Science of the Total Environment, 2020, 707, 136073.	8.0	100
7	Surface carboxylation or PEGylation decreases CuO nanoparticlesâ€™ cytotoxicity to human cells in vitro without compromising their antibacterial properties. Archives of Toxicology, 2020, 94, 1561-1573.	4.2	14
8	Toxicity of differently sized and charged silver nanoparticles to yeast Saccharomyces cerevisiae BY4741: a nano-biointeraction perspective. Nanotoxicology, 2019, 13, 1041-1059.	3.0	26
9	Assessment of the hazard of nine (doped) lanthanides-based ceramic oxides to four aquatic species. Science of the Total Environment, 2018, 612, 1171-1176.	8.0	24
10	Rapid in situ assessment of Cu-ion mediated effects and antibacterial efficacy of copper surfaces. Scientific Reports, 2018, 8, 8172.	3.3	48
11	UVA-induced antimicrobial activity of ZnO/Ag nanocomposite covered surfaces. Colloids and Surfaces B: Biointerfaces, 2018, 169, 222-232.	5.0	37
12	Antimicrobial potency of differently coated 10 and 50â€¯nm silver nanoparticles against clinically relevant bacteria Escherichia coli and Staphylococcus aureus. Colloids and Surfaces B: Biointerfaces, 2018, 170, 401-410.	5.0	64
13	Potency of (doped) rare earth oxide particles and their constituent metals to inhibit algal growth and induce direct toxic effects. Science of the Total Environment, 2017, 593-594, 478-486.	8.0	43
14	Evaluation of the effect of test medium on total Cu body burden of nano CuO-exposed Daphnia magna: A TXRF spectroscopy study. Environmental Pollution, 2017, 231, 1488-1496.	7.5	8
15	Toxicity of Nine (Doped) Rare Earth Metal Oxides and Respective Individual Metals to Aquatic Microorganisms Vibrio fischeri and Tetrahymena thermophila. Materials, 2017, 10, 754.	2.9	54
16	A Highly Active Endo-Levanase BT1760 of a Dominant Mammalian Gut Commensal Bacteroides thetaiotaomicron Cleaves Not Only Various Bacterial Levans, but Also Levan of Timothy Grass. PLoS ONE, 2017, 12, e0169989.	2.5	38
17	Bacterial polysaccharide levan as stabilizing, non-toxic and functional coating material for microelement-nanoparticles. Carbohydrate Polymers, 2016, 136, 710-720.	10.2	53
18	Toxicity of 11 Metal Oxide Nanoparticles to Three Mammalian Cell Types <i>In V.itro</i>. Current Topics in Medicinal Chemistry, 2015, 15, 1914-1929.	2.1	190

#	Article	IF	Citations
19	Size-Dependent Toxicity of Silver Nanoparticles to Bacteria, Yeast, Algae, Crustaceans and Mammalian Cells In Vitro. PLoS ONE, 2014, 9, e102108.	2.5	465
20	Degradation of Fructans and Production of Propionic Acid by Bacteroides thetaiotaomicron are Enhanced by the Shortage of Amino Acids. Frontiers in Nutrition, 2014, 1, 21.	3.7	50
21	High-Throughput Assay of Levansucrase Variants in Search of Feasible Catalysts for the Synthesis of Fructooligosaccharides and Levan. Molecules, 2014, 19, 8434-8455.	3.8	23
22	Interactions of PLA2-s from Vipera lebetina, Vipera berus berus and Naja naja oxiana Venom with Platelets, Bacterial and Cancer Cells. Toxins, 2013, 5, 203-223.	3.4	38
23	VGD and MLD-motifs containing heterodimeric disintegrin viplebedin-2 from Vipera lebetina snake venom. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 153, 253-260.	1.6	19
24	Purification, characterization, and cDNA cloning of acidic platelet aggregation inhibiting phospholipases A2 from the snake venom of Vipera lebetina (Levantine viper). Toxicon, 2009, 54, 429-439.	1.6	11