Govind Gupta

List of Publications by Year
in descending order

21	503	623574 14	752573 20
papers	citations	h-index	g-index

21	21	21	757
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fate and potential hazards of nanoparticles in the environment. , 2022, , 581-602.		0
2	Iron-Carbon Nanofibers Coated with Acylated Homoserine Lactone Enhance Plant Growth and Suppress Fusarium Wilt Disease in Cicer arietinum by Modulating Soil Microbiome. ACS Agricultural Science and Technology, 2022, 2, 311-322.	1.0	7
3	Copper oxide nanoparticles trigger macrophage cell death with misfolding of Cu/Zn superoxide dismutase 1 (SOD1). Particle and Fibre Toxicology, 2022, 19, 33.	2.8	28
4	Biomarkers of nanomaterials hazard from multi-layer data. Nature Communications, 2022, 13, .	5.8	16
5	Rhizobacteria and Acylated Homoserine Lactone-Based Nanobiofertilizer to Improve Growth and Pathogen Defense in Cicer arietinum and Triticum aestivum Plants. ACS Agricultural Science and Technology, 2021, 1, 240-252.	1.0	24
6	Development of Microfluidic, Serum-Free Bronchial Epithelial Cells-on-a-Chip to Facilitate a More Realistic In vitro Testing of Nanoplastics. Frontiers in Toxicology, 2021, 3, 735331.	1.6	7
7	Multi-walled carbon nanotubes trigger lysosome-dependent cell death (pyroptosis) in macrophages but not in neutrophils. Nanotoxicology, 2021, 15, 1125-1150.	1.6	24
8	Nextâ€Generation Sequencing Reveals Differential Responses to Acute versus Longâ€Term Exposures to Graphene Oxide in Human Lung Cells. Small, 2020, 16, e1907686.	5.2	18
9	Cobalt nanoparticles trigger ferroptosisâ€like cell death (oxytosis) in neuronal cells: Potential implications for neurodegenerative disease. FASEB Journal, 2020, 34, 5262-5281.	0.2	49
10	Feâ€enriched Clayâ€coated and Reduced Graphene Oxideâ€modified Nâ€doped Polymer Nanocomposite: A Natural Recognition Elementâ€based Sensing Electrode for DNT. Electroanalysis, 2019, 31, 535-544.	1.5	6
11	Impact of humic acid on the fate and toxicity of titanium dioxide nanoparticles in Tetrahymena pyriformis and zebrafish embryos. Nanoscale Advances, 2019, 1, 219-227.	2.2	16
12	Bacterial homoserine lactones as a nanocomposite fertilizer and defense regulator for chickpeas. Environmental Science: Nano, 2019, 6, 1246-1258.	2.2	21
13	Laboratory Scale Microbial Food Chain To Study Bioaccumulation, Biomagnification, and Ecotoxicity of Cadmium Telluride Quantum Dots. Environmental Science & Technology, 2017, 51, 1695-1706.	4.6	37
14	Heteroagglomeration of zinc oxide nanoparticles with clay mineral modulates the bioavailability and toxicity of nanoparticle in Tetrahymena pyriformis. Journal of Colloid and Interface Science, 2017, 495, 9-18.	5.0	36
15	Zinc oxide nanoparticle induced age dependent immunotoxicity in BALB/c mice. Toxicology Research, 2017, 6, 342-352.	0.9	20
16	Impact of Nanomaterials on the Aquatic Food Chain. Sustainable Agriculture Reviews, 2017, , 309-333.	0.6	6
17	Montmorillonite clay alters toxicity of silver nanoparticles in zebrafish (Danio rerio) eleutheroembryo. Chemosphere, 2016, 163, 242-251.	4.2	26
18	Assessment of agglomeration, co-sedimentation and trophic transfer of titanium dioxide nanoparticles in a laboratory-scale predator-prey model system. Scientific Reports, 2016, 6, 31422.	1.6	26

#	Article	IF	Citations
19	Natural water as the test medium for Ag and CuO nanoparticle hazard evaluation: An interlaboratory case study. Environmental Pollution, 2016, 216, 689-699.	3.7	27
20	Chromium oxide nanoparticleâ€induced genotoxicity and p53â€dependent apoptosis in human lung alveolar cells. Journal of Applied Toxicology, 2015, 35, 1179-1188.	1.4	24
21	ZnO nanoparticles induced inflammatory response and genotoxicity in human blood cells: A mechanistic approach. Food and Chemical Toxicology, 2015, 85, 61-70.	1.8	85