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	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
2	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
3	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
4	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
5	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
6	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
7	Montmorillonite clay alters toxicity of silver nanoparticles in zebrafish (Danio rerio) eleutheroembryo. Chemosphere, 2016, 163, 242-251.	4.2	26
8	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
9	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
10	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
11	Multi-walled carbon nanotubes trigger lysosome-dependent cell death (pyroptosis) in macrophages but not in neutrophils. Nanotoxicology, 2021, 15, 1125-1150.	1.6	24
12	Bacterial homoserine lactones as a nanocomposite fertilizer and defense regulator for chickpeas. Environmental Science: Nano, 2019, 6, 1246-1258.	2.2	21
13	Zinc oxide nanoparticle induced age dependent immunotoxicity in BALB/c mice. Toxicology Research, 2017, 6, 342-352.	0.9	20
14	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
15	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
16	Biomarkers of nanomaterials hazard from multi-layer data. Nature Communications, 2022, 13, .	5.8	16
17	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
18	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

#	Article	IF	Citations
19	Impact of Nanomaterials on the Aquatic Food Chain. Sustainable Agriculture Reviews, 2017, , 309-333.	0.6	6
20	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
21	Fate and potential hazards of nanoparticles in the environment. , 2022, , 581-602.		0