Indarchand Gupta

List of Publications by Year in Descending Order

32 papers	1,130 citations	17 h-index	33 g-index
33 ext. papers	1,302 ext. citations	5.1 avg, IF	4.34 L-index

#	Paper	IF	Citations
32	Carbon-Based Nanocatalysts in Biodiesel Production **2021**, 157-181		2
31	Nanotechnology for Biofuels: Progress and Pitfalls. *Nanotechnology in the Life Sciences*, **2021**, 161-174	1.1	
30	Role of Metal-Based Nanoparticles in Plant Protection **2021**, 220-238		0
29	Effects of Different Metal Oxide Nanoparticles on Plant Growth **2021**, 259-282		1
28	Nanotechnology-based promising strategies for the management of COVID-19: current development and constraints. *Expert Review of Anti-Infective Therapy*, **2020**, 1-10	5.5	17
27	Nanotechnology for Combating Microbial Contamination of Water **2020**, 42-62	0.1	
26	Toxicological Concerns of Nanomaterials Used in Biomedical Applications **2020**, 375-398		
25	Recent Advances in the Production of Biodiesel Using Lignocellulosic Biomass **2020**, 69-85		1
24	Evolving nanotechnological trends in the management of mycotic keratitis. *IET Nanobiotechnology*, **2019**, 13, 464-470	2	
23	Smart nanopackaging for the enhancement of food shelf life. *Environmental Chemistry Letters*, **2019** , 17, 277-290	13.3	54
22	Copper in Medicine: Perspectives and Toxicity **2018**, 95-112		6
21	Copper and copper nanoparticles: role in management of insect-pests and pathogenic microbes. *Nanotechnology Reviews*, **2018**, 7, 303-315	6.3	60
20	Recent advances in use of silver nanoparticles as antimalarial agents. *International Journal of Pharmaceutics*, **2017**, 526, 254-270	6.5	59
19	Nanotherapy: a next generation hallmark for combating cancer **2017**, 811-830		2
18	Broadening the spectrum of small-molecule antibacterials by metallic nanoparticles to overcome microbial resistance. *International Journal of Pharmaceutics*, **2017**, 532, 139-148	6.5	39
17	Nanoformulations for Wound Infections **2017**, 223-246		2
16	Bio-distribution and Toxicity of Noble Metal Nanoparticles in Humans **2017**, 469-482		1

15	Mycoendophytes as efficient synthesizers of bionanoparticles: nanoantimicrobials, mechanism, and cytotoxicity. *Critical Reviews in Biotechnology*, **2017**, 37, 765-778	9.4	19
14	Metal nanoparticles: The protective nanoshield against virus infection. *Critical Reviews in Microbiology*, **2016**, 42, 46-56	7.8	161
13	Nanotechnology based anti-infectives to fight microbial intrusions. *Journal of Applied Microbiology*, **2016**, 120, 527-42	4.7	31
12	Diversity of Microbes in Synthesis of Metal Nanoparticles **2015**, 1-30		2
11	Bioactivity of noble metal nanoparticles decorated with biopolymers and their application in drug delivery. *International Journal of Pharmaceutics*, **2015**, 496, 159-72	6.5	85
10	Toxicity of fungal-generated silver nanoparticles to soil-inhabiting Pseudomonas putida KT2440, a rhizospheric bacterium responsible for plant protection and bioremediation. *Journal of Hazardous Materials*, **2015**, 286, 48-54	12.8	18
9	Nanotoxicity: A Mechanistic Approach **2015**, 393-410		1
8	Silver nanoparticles: therapeutical uses, toxicity, and safety issues. *Journal of Pharmaceutical Sciences*, **2014**, 103, 1931-1944	3.9	294
7	Cyto-, Geno-, and Ecotoxicity of Copper Nanoparticles. *Nanomedicine and Nanotoxicology*, **2014**, 325-345	0.3	7
6	Fungus-mediated synthesis of gold nanoparticles and standardization of parameters for its biosynthesis. *IEEE Transactions on Nanobioscience*, **2014**, 13, 397-402	3.4	26
5	Nanosilver: an inorganic nanoparticle with myriad potential applications. *Nanotechnology Reviews*, **2014**, 3,	6.3	31
4	Biogenic synthesis of metal nanoparticles from actinomycetes: biomedical applications and cytotoxicity. *Applied Microbiology and Biotechnology*, **2014**, 98, 8083-97	5.7	130
3	Green synthesis of silver nanoparticles using white sugar. *IET Nanobiotechnology*, **2013**, 7, 28-32	2	31
2	Potential Role of Biological Systems in Formation of Nanoparticles: Mechanism of Synthesis and Biomedical Applications. *Current Nanoscience*, **2013**, 9, 576-587	1.4	32
1	Nano-Silver Toxicity: Emerging Concerns and Consequences in Human Health **2012**, 525-548		18