

Durairaj Siva

List of Publications by Year in descending order

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15
papers

626
citations

840776

11
h-index

996975

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16
all docs

16
docs citations

16
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative evaluation of antibacterial activity of silver nanoparticles synthesized using <i>Rhizophora apiculata</i> and glucose. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 134-140.	5.0	118
2	Hepatocurative activity of biosynthesized silver nanoparticles fabricated using <i>Andrographis paniculata</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 189-194.	5.0	117
3	In vivo antitumor activity of biosynthesized silver nanoparticles using <i>Ficus religiosa</i> as a nanofactory in DAL induced mice model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 108, 185-190.	5.0	88
4	Mangrove <i>Streptomyces</i> sp. BDUKAS10 as nanofactory for fabrication of bactericidal silver nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 98, 12-17.	5.0	73
5	Antimicrobial activity of <i>Leucas aspera</i> engineered silver nanoparticles against <i>Aeromonas hydrophila</i> in infected <i>Catla catla</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 109, 20-24.	5.0	55
6	Laser receptive polyelectrolyte thin films doped with biosynthesized silver nanoparticles for antibacterial coatings and drug delivery applications. <i>International Journal of Pharmaceutics</i> , 2013, 457, 206-213.	5.2	41
7	Synthesis, optimization and characterization of silver nanoparticles using the catkin extract of <i>Piper longum</i> for bactericidal effect against food-borne pathogens via conventional and mathematical approaches. <i>Bioorganic Chemistry</i> , 2020, 103, 104230.	4.1	33
8	Assessment of behavioral changes and antitumor effects of silver nanoparticles synthesized using diosgenin in mice model. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102766.	3.0	26
9	Antidiabetic and hypolipidemic efficacy of skin and seed extracts of <i>Momordica cymbalaria</i> on alloxan induced diabetic model in rats. <i>Journal of Ethnopharmacology</i> , 2019, 241, 111989.	4.1	20
10	Enhanced cellulase enzyme production by <i>Aspergillus niger</i> using cellulase/iron oxide magnetic nano-composites. <i>Journal of King Saud University - Science</i> , 2022, 34, 101695.	3.5	18
11	Antibacterial efficacy of seagrass <i>Cymodocea serrulata</i> -engineered silver nanoparticles against prawn pathogen <i>Vibrio parahaemolyticus</i> and its combative effect on the marine shrimp <i>Penaeus monodon</i> . <i>Aquaculture</i> , 2018, 493, 158-164.	3.5	15
12	Structural elucidation of estrus urinary lipocalin protein (EULP) and evaluating binding affinity with pheromones using molecular docking and fluorescence study. <i>Scientific Reports</i> , 2016, 6, 35900.	3.3	9
13	Mollification of Doxorubicin (DOX)-Mediated Cardiotoxicity Using Conjugated Chitosan Nanoparticles with Supplementation of Propionic Acid. <i>Nanomaterials</i> , 2022, 12, 502.	4.1	7
14	<i>Momordica cymbalaria</i> improves reproductive parameters in alloxan-induced male diabetic rats. <i>3 Biotech</i> , 2021, 11, 76.	2.2	4
15	Examining and elucidation of human weight cycle model adopting e-cell simulation system. <i>Bioinformation</i> , 2015, 11, 336-342.	0.5	2