Sureshbabu Ram Kumar Pandian

List of Publications by Year
in descending order

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41 papers	4,857 citations	257450 24 h-index	289244 40 g-index
43 all docs	43 docs citations	43 times ranked	5899 citing authors

#	Article	IF	Citations
1	Emerging role of exosomes in hematological malignancies. Clinical and Experimental Medicine, 2023, 23, 1123-1136.	3.6	3
2	Delivery of Ursolic Acid by Polyhydroxybutyrate Nanoparticles for Cancer Therapy: in silico and in vitro Studies. Drug Research, 2022, 72, 72-81.	1.7	4
3	In silico, in vitro screening of antioxidant and anticancer potentials of bioactive secondary metabolites from an endophytic fungus (Curvularia sp.) from Phyllanthus niruri L. Environmental Science and Pollution Research, 2022, 29, 48908-48925.	5.3	18
4	Liposomes: An emerging carrier for targeting Alzheimer's and Parkinson's diseases. Heliyon, 2022, 8, e09575.	3.2	8
5	Aphrodisiac Performance of Bioactive Compounds from Mimosa pudica Linn.: In Silico Molecular Docking and Dynamics Simulation Approach. Molecules, 2022, 27, 3799.	3.8	15
6	Formulation and evaluation of rutin-loaded solid lipid nanoparticles for the treatment of brain tumor. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 735-749.	3.0	25
7	Surface receptorâ€mediated targeted drug delivery systems for enhanced cancer treatment: A stateâ€ofâ€theâ€art review. Drug Development Research, 2021, 82, 309-340.	2.9	42
8	Removal of water and their soluble materials from fuels using Moringa oleifera loaded keratin-co-sodium acrylate hydrogel. Journal of Porous Materials, 2021, 28, 515-527.	2.6	2
9	Exopolysaccharides from Lactobacillus acidophilus modulates the antioxidant status of 1,2â€“dimethyl hydrazine-induced colon cancer rat model. 3 Biotech, 2021, 11, 225.	2.2	11
10	Nano Based Approach for the Treatment of Neglected Tropical Diseases. Frontiers in Nanotechnology, 2021, 3, .	4.8	15
11	Capsaicin-loaded solid lipid nanoparticles: design, biodistribution, in silico modeling and in vitro cytotoxicity evaluation. Nanotechnology, 2021, 32, 095101.	2.6	34
12	Pharmacoinformatics-based investigation of bioactive compounds of Rasam (South Indian recipe) against human cancer. Scientific Reports, 2021, 11, 21488.	3.3	38
13	Design and in silico modeling of Indoloquinoxaline incorporated keratin nanoparticles for modulation of glucose metabolism in 3T3â€L1 adipocytes. Biotechnology Progress, 2020, 36, e2904.	2.6	10
14	Targeting complement cascade: an alternative strategy for COVID-19. 3 Biotech, 2020, 10, 479.	2.2	15
15	Formulation and characterization of folate receptor-targeted PEGylated liposome encapsulating bioactive compounds from Kappaphycus alvarezii for cancer therapy. 3 Biotech, 2020, 10, 136.	2.2	24
16	PEGylated silver nanoparticles from Sesbania aegyptiaca exhibit immunomodulatory and anti-cancer activity. Materials Research Express, 2019, 6, 035402.	1.6	5
17	DNA-based nanowires and nanodevices. Advances in Physics: X, 2017, 2, 22-34.	4.1	3
18	In vitro evaluation of anticancer properties of exopolysaccharides from Lactobacillus acidophilus in colon cancer cell lines. In Vitro Cellular and Developmental Biology - Animal, 2016, 52, 163-173.	1.5	70

#	Article	IF	Citations
19	Optimization of anticancer exopolysaccharide production from probioticLactobacillus acidophilusby response surface methodology. Preparative Biochemistry and Biotechnology, 2016, 46, 288-297.	1.9	38
20	PEGâ€“PHB-glutaminase nanoparticle inhibits cancer cell proliferation in vitro through glutamine deprivation. In Vitro Cellular and Developmental Biology - Animal, 2015, 51, 372-380.	1.5	10
21	Synthesis of Polyelectrolyte Nanoparticles from Anticancer Exopolysaccharide Isolated from Probiotic Lactobacillus acidophilus. Research Journal of Microbiology, 2015, 10, 193-204.	0.2	4
22	Optimization and purification of anticancer enzyme L-glutaminase from Alcaligenes faecalis KLU102. Biologia (Poland), 2014, 69, 1644-1651.	1.5	26
23	An Insight into the Bacterial Biogenesis of Silver Nanoparticles, Industrial Production and Scale-up. , 2011, , 17-35.		52
24	Biologically synthesized fluorescent CdS NPs encapsulated by PHB. Enzyme and Microbial Technology, 2011, 48, 319-325.	3.2	60
25	Optimization of Î±-amylase production for the green synthesis of gold nanoparticles. Colloids and Surfaces B: Biointerfaces, 2010, 77, 174-180.	5.0	47
26	Silver nano â€" A trove for retinal therapies. Journal of Controlled Release, 2010, 145, 76-90.	9.9	98
27	Medium optimization and immobilization of purified fibrinolytic URAK from Bacillus cereus NK1 on PHB nanoparticles. Enzyme and Microbial Technology, 2010, 47, 297-304.	3.2	33
28	Enhanced silver nanoparticle synthesis by optimization of nitrate reductase activity. Colloids and Surfaces B: Biointerfaces, 2010, 75, 335-341.	5.0	153
29	Biosynthesis of silver and gold nanoparticles using Brevibacterium casei. Colloids and Surfaces B: Biointerfaces, 2010, 77, 257-262.	5.0	469
30	Silver nanoparticles impede the biofilm formation by Pseudomonas aeruginosa and Staphylococcus epidermidis. Colloids and Surfaces B: Biointerfaces, 2010, 79, 340-344.	5.0	555
31	Optimization and fed-batch production of PHB utilizing dairy waste and sea water as nutrient sources by Bacillus megaterium SRKP-3. Bioresource Technology, 2010, 101, 705-711.	9.6	155
32	Anti-oxidant effect of gold nanoparticles restrains hyperglycemic conditions in diabetic mice. Journal of Nanobiotechnology, 2010, 8, 16.	9.1	278
33	Mechanism of bactericidal activity of Silver Nitrate - a concentration dependent bi-functional molecule. Brazilian Journal of Microbiology, 2010, 41, 805-809.	2.0	79
34	Silver nanoparticles inhibit VEGF induced cell proliferation and migration in bovine retinal endothelial cells. Colloids and Surfaces B: Biointerfaces, 2009, 73, 51-57.	5.0	217
35	Synthesis of PHB nanoparticles from optimized medium utilizing dairy industrial waste using Brevibacterium casei SRKP2: A green chemistry approach. Colloids and Surfaces B: Biointerfaces, 2009, 74, 266-273.	5.0	61
36	Biosynthesis, purification and characterization of silver nanoparticles using Escherichia coli. Colloids and Surfaces B: Biointerfaces, 2009, 74, 328-335.	5.0	680

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37	Biological synthesis of gold nanocubes from Bacillus licheniformis. Bioresource Technology, 2009, 100, 5356-5358.	9.6	131
38	Purification, immobilization, and characterization of nattokinase on PHB nanoparticles. Bioresource Technology, 2009, 100, 6644-6646.	9.6	56
39	Biosynthesis of silver nanocrystals by Bacillus licheniformis. Colloids and Surfaces B: Biointerfaces, 2008, 65, 150-153.	5.0	767
40	Optimization of media composition for Nattokinase production by Bacillus subtilis using response surface methodology. Bioresource Technology, 2008, 99, 8170-8174.	9.6	169
41	Extracellular biosynthesis of silver nanoparticles by the culture supernatant of Bacillus licheniformis. Materials Letters, 2008, 62, 4411-4413.	2.6	377