Avnesh Kumari

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10461361/publications.pdf

Version: 2024-02-01

26 papers	4,330 citations	516710 16 h-index	713466 21 g-index
28 all docs	28 docs citations	28 times ranked	8372 citing authors

#	Article	IF	Citations
1	Biodegradable polymeric nanoparticles based drug delivery systems. Colloids and Surfaces B: Biointerfaces, 2010, 75, 1-18.	5.0	2,968
2	Development of biodegradable nanoparticles for delivery of quercetin. Colloids and Surfaces B: Biointerfaces, 2010, 80, 184-192.	5.0	348
3	In situ functionalized nanobiocomposites dressings of bamboo cellulose nanocrystals and silver nanoparticles for accelerated wound healing. Carbohydrate Polymers, 2017, 155, 152-162.	10.2	116
4	Development of peptide and protein nanotherapeutics by nanoencapsulation and nanobioconjugation. Peptides, 2011, 32, 173-187.	2.4	110
5	Nanoencapsulation and characterization of Albizia chinensis isolated antioxidant quercitrin on PLA nanoparticles. Colloids and Surfaces B: Biointerfaces, 2011, 82, 224-232.	5.0	103
6	In vivo diabetic wound healing potential of nanobiocomposites containing bamboo cellulose nanocrystals impregnated with silver nanoparticles. International Journal of Biological Macromolecules, 2017, 105, 45-55.	7.5	100
7	Cellular interactions of therapeutically delivered nanoparticles. Expert Opinion on Drug Delivery, 2011, 8, 141-151.	5.0	88
8	Nanoencapsulation for drug delivery. EXCLI Journal, 2014, 13, 265-86.	0.7	83
9	Plant Extract Synthesized PLA Nanoparticles for Controlled and Sustained Release of Quercetin: A Green Approach. PLoS ONE, 2012, 7, e41230.	2.5	81
10	Nanotechnology in Agri-Food Sector. Critical Reviews in Food Science and Nutrition, 2014, 54, 975-984.	10.3	70
11	Solid-supported palladium nano and microparticles: an efficient heterogeneous catalyst for ligand-free Suzukiâ€“Miyaura cross coupling reaction. Tetrahedron Letters, 2011, 52, 1176-1178.	1.4	66
12	Evaluating the Toxicity of Selected Types of Nanochemicals. Reviews of Environmental Contamination and Toxicology, 2012, 215, 39-121.	1.3	49
13	Encapsulation of catechin and epicatechin on BSA NPS improved their stability and antioxidant potential. EXCLI Journal, 2014, 13, 331-46.	0.7	32
14	Encapsulation of podophyllotoxin and etoposide in biodegradable poly-<scp>d</scp>,<scp>l</scp>-lactide nanoparticles improved their anticancer activity. Journal of Microencapsulation, 2014, 31, 211-219.	2.8	28
15	Silver nanoparticles synthesised using plant extracts show strong antibacterial activity. IET Nanobiotechnology, 2015, 9, 142-152.	3.8	18
16	Biosurfactant stabilized anticancer biomolecule-loaded poly (d,l-lactide) nanoparticles. Colloids and Surfaces B: Biointerfaces, 2014, 117, 505-511.	5.0	17
17	Green surfactant based synthesis of curcumin loaded poly lactic-co-glycolic acid nanoparticles with enhanced solubility, photo-stability and anti-biofilm activity. Journal of Drug Delivery Science and Technology, 2020, 59, 101884.	3.0	14
18	PLA nanovectors with encapsulated betulin: plant leaf extract-synthesized nanovectors are more efficacious than PVA-synthesized nanovectors. Biotechnology Letters, 2016, 38, 259-269.	2.2	11

#	Article	IF	Citations
19	Therapeutic Nanoparticles and Associated Toxicity. Current Nanoscience, 2011, 7, 389-395.	1.2	8
20	Nanocarriers: a tool to overcome biological barriers in siRNA delivery. Expert Opinion on Biological Therapy, 2011, 11, 1327-1339.	3.1	7
21	Nanocellulose and Nanocomposites. , 2016, , 103-125.		4
22	Development of nanoformulation of picroliv isolated from Picrorrhiza kurroa. IET Nanobiotechnology, 2016, 10, 114-119.	3.8	3
23	Nanoscale Materials in Targeted Drug Delivery. , 2016, , 1-19.		2
24	Role of Bacteria in Nanocompound Formation and Their Application in Medical. , 2017, , 3-37.		2
25	Cellular Response of Therapeutic Nanoparticles. , 2016, , 153-172.		1
26	Biodegradable Nanoparticles and Their In Vivo Fate. , 2016, , 21-39.		1