Susan Azizi

List of Publications by Year in descending order

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35 papers	3,246 citations	201385 27 h-index	360668 35 g-index
35 all docs	35 docs citations	35 times ranked	4578 citing authors

#	Article	IF	Citations
1	Status of Plant Protein-Based Green Scaffolds for Regenerative Medicine Applications. Biomolecules, 2019, 9, 619.	1.8	40
2	Status and future scope of plant-based green hydrogels in biomedical engineering. Applied Materials Today, 2019, 16, 213-246.	2.3	154
3	In vitro molecular study of wound healing using biosynthesized bacteria nanocellulose/silver nanocomposite assisted by bioinformatics databases. International Journal of Nanomedicine, 2018, Volume 13, 5097-5112.	3.3	37
4	Mechanical and barrier properties of kappa-carrageenan/cellulose nanocrystals bio-nanocomposite films. IOP Conference Series: Materials Science and Engineering, 2018, 368, 012013.	0.3	8
5	Molecular study of wound healing after using biosynthesized BNC/Fe₃O₄ nanocomposites assisted with a bioinformatics approach. International Journal of Nanomedicine, 2018, Volume 13, 2955-2971.	3.3	35
6	Hydrogel beads bio-nanocomposite based on Kappa-Carrageenan and green synthesized silver nanoparticles for biomedical applications. International Journal of Biological Macromolecules, 2017, 104, 423-431.	3.6	101
7	Green Synthesis of Gold Nanoparticles Using Sumac Aqueous Extract and Their Antioxidant Activity. Materials Research, 2017, 20, 264-270.	0.6	77
8	Green synthesis palladium nanoparticles mediated by white tea (Camellia sinensis) extract with antioxidant, antibacterial, and antiproliferative activities toward the human leukemia (MOLT-4) cell line. International Journal of Nanomedicine, 2017, Volume 12, 8841-8853.	3.3	72
9	Green Microwave-Assisted Combustion Synthesis of Zinc Oxide Nanoparticles with Citrullus colocynthis (L.) Schrad: Characterization and Biomedical Applications. Molecules, 2017, 22, 301.	1.7	68
10	Biosynthesis of ZnO Nanoparticles by a New Pichia kudriavzevii Yeast Strain and Evaluation of Their Antimicrobial and Antioxidant Activities. Molecules, 2017, 22, 872.	1.7	155
11	Production and Status of Bacterial Cellulose in Biomedical Engineering. Nanomaterials, 2017, 7, 257.	1.9	208
12	Green Synthesis of Zinc Oxide Nanoparticles for Enhanced Adsorption of Lead Ions from Aqueous Solutions: Equilibrium, Kinetic and Thermodynamic Studies. Molecules, 2017, 22, 831.	1.7	100
13	Eco-Friendly Formulated Zinc Oxide Nanoparticles: Induction of Cell Cycle Arrest and Apoptosis in the MCF-7 Cancer Cell Line. Genes, 2017, 8, 281.	1.0	101
14	Green synthesis, characterization, and anticancer activity of hyaluronan/zinc oxide nanocomposites. OncoTargets and Therapy, 2016, Volume 9, 4549-4559.	1.0	55
15	ZnO-Ag core shell nanocomposite formed by green method using essential oil of wild ginger and their bactericidal and cytotoxic effects. Applied Surface Science, 2016, 384, 517-524.	3.1	86
16	Effect of annealing temperature on antimicrobial and structural properties of bio-synthesized zinc oxide nanoparticles using flower extract of Anchusa italica. Journal of Photochemistry and Photobiology B: Biology, 2016, 161, 441-449.	1.7	119
17	Nanosized silverâ€“palm pollen nanocomposite, green synthesis, characterization and antimicrobial activity. Research on Chemical Intermediates, 2016, 42, 1571-1581.	1.3	11
18	Nanoparticles Biosynthesized by Fungi and Yeast: A Review of Their Preparation, Properties, and Medical Applications. Molecules, 2015, 20, 16540-16565.	1.7	335

#	Article	IF	Citations
19	Sumac Silver Novel Biodegradable Nano Composite for Bio-Medical Application: Antibacterial Activity. Molecules, 2015, 20, 12946-12958.	1.7	26
20	Cytotoxic Effects of Biosynthesized Zinc Oxide Nanoparticles on Murine Cell Lines. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-11.	0.5	105
21	Apoptosis Induction in Human Leukemia Cell Lines by Gold Nanoparticles Synthesized Using the Green Biosynthetic Approach. Journal of Nanomaterials, 2015, 2015, 1-10.	1.5	20
22	Facile biosynthesis and characterization of palm pollen stabilized ZnO nanoparticles. Materials Letters, 2015, 148, 106-109.	1.3	40
23	Vernonia cinerea (L.) Less. silver nanocomposite and its antibacterial activity against a cotton pathogen. Research on Chemical Intermediates, 2015, 41, 5495-5507.	1.3	25
24	Green synthesis and characterization of gold nanoparticles using the marine macroalgae Sargassum muticum. Research on Chemical Intermediates, 2015, 41, 5723-5730.	1.3	92
25	Preparation and properties of poly(vinyl alcohol)/chitosan blend bionanocomposites reinforced with cellulose nanocrystals/ZnO-Ag multifunctional nanosized filler. International Journal of Nanomedicine, 2014, 9, 1909.	3.3	76
26	Cellulose Nanocrystals/ZnO as a Bifunctional Reinforcing Nanocomposite for Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (al Molecular Sciences, 2014, 15, 11040-11053.	1.8	92
27	Green biosynthesis and characterization of zinc oxide nanoparticles using brown marine macroalga Sargassum muticum aqueous extract. Materials Letters, 2014, 116, 275-277.	1.3	431
28	Preparation and properties of poly(vinyl alcohol)/chitosan blend bio-nanocomposites reinforced by cellulose nanocrystals. Chinese Journal of Polymer Science (English Edition), 2014, 32, 1620-1627.	2.0	27
29	Potential Use of Plant Fibres and their Composites for Biomedical Applications. BioResources, 2014, 9, .	0.5	64
30	Biosynthesis of Silver Nanoparticles Using Brown Marine Macroalga, Sargassum Muticum Aqueous Extract. Materials, 2013, 6, 5942-5950.	1.3	157
31	Synthesis, Antibacterial and Thermal Studies of Cellulose Nanocrystal Stabilized ZnO-Ag Heterostructure Nanoparticles. Molecules, 2013, 18, 6269-6280.	1.7	81
32	Preparation, Characterization, and Antimicrobial Activities of ZnO Nanoparticles/Cellulose Nanocrystal Nanocomposites. BioResources, 2013, 8, .	0.5	99
33	Rapid Removal of Cu(II) Ion by Chemically Modified Rubber Wood Fiber. Environmental Engineering Science, 2012, 29, 101-107.	0.8	6
34	Enhancement of Mechanical and Thermal Properties of Polycaprolactone/Chitosan Blend by Calcium Carbonate Nanoparticles. International Journal of Molecular Sciences, 2012, 13, 4508-4522.	1.8	133
35	Effect of polyethylene-grafted maleic anhydride on properties of high-density polyethylene and polystyrene blend/layered silicate nanocomposites. Journal of Reinforced Plastics and Composites, 2011, 30, 1649-1654.	1.6	10