

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	Green biosynthesis and characterization of zinc oxide nanoparticles using brown marine macroalga <i>Sargassum muticum</i> aqueous extract. <i>Materials Letters</i> , 2014, 116, 275-277.	1.3	431
2	Nanoparticles Biosynthesized by Fungi and Yeast: A Review of Their Preparation, Properties, and Medical Applications. <i>Molecules</i> , 2015, 20, 16540-16565.	1.7	335
3	Production and Status of Bacterial Cellulose in Biomedical Engineering. <i>Nanomaterials</i> , 2017, 7, 257.	1.9	208
4	Biosynthesis of Silver Nanoparticles Using Brown Marine Macroalga, <i>Sargassum Muticum</i> Aqueous Extract. <i>Materials</i> , 2013, 6, 5942-5950.	1.3	157
5	Biosynthesis of ZnO Nanoparticles by a New <i>Pichia kudriavzevii</i> Yeast Strain and Evaluation of Their Antimicrobial and Antioxidant Activities. <i>Molecules</i> , 2017, 22, 872.	1.7	155
6	Status and future scope of plant-based green hydrogels in biomedical engineering. <i>Applied Materials Today</i> , 2019, 16, 213-246.	2.3	154
7	Enhancement of Mechanical and Thermal Properties of Polycaprolactone/Chitosan Blend by Calcium Carbonate Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2012, 13, 4508-4522.	1.8	133
8	Effect of annealing temperature on antimicrobial and structural properties of bio-synthesized zinc oxide nanoparticles using flower extract of <i>Anchusa italica</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 441-449.	1.7	119
9	Cytotoxic Effects of Biosynthesized Zinc Oxide Nanoparticles on Murine Cell Lines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-11.	0.5	105
10	Hydrogel beads bio-nanocomposite based on Kappa-Carrageenan and green synthesized silver nanoparticles for biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 423-431.	3.6	101
11	Eco-Friendly Formulated Zinc Oxide Nanoparticles: Induction of Cell Cycle Arrest and Apoptosis in the MCF-7 Cancer Cell Line. <i>Genes</i> , 2017, 8, 281.	1.0	101
12	Green Synthesis of Zinc Oxide Nanoparticles for Enhanced Adsorption of Lead Ions from Aqueous Solutions: Equilibrium, Kinetic and Thermodynamic Studies. <i>Molecules</i> , 2017, 22, 831.	1.7	100
13	Preparation, Characterization, and Antimicrobial Activities of ZnO Nanoparticles/Cellulose Nanocrystal Nanocomposites. <i>BioResources</i> , 2013, 8, .	0.5	99
14	Cellulose Nanocrystals/ZnO as a Bifunctional Reinforcing Nanocomposite for Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (al <i>Molecular Sciences</i> , 2014, 15, 11040-11053.	1.8	92
15	Green synthesis and characterization of gold nanoparticles using the marine macroalgae <i>Sargassum muticum</i> . <i>Research on Chemical Intermediates</i> , 2015, 41, 5723-5730.	1.3	92
16	ZnO-Ag core shell nanocomposite formed by green method using essential oil of wild ginger and their bactericidal and cytotoxic effects. <i>Applied Surface Science</i> , 2016, 384, 517-524.	3.1	86
17	Synthesis, Antibacterial and Thermal Studies of Cellulose Nanocrystal Stabilized ZnO-Ag Heterostructure Nanoparticles. <i>Molecules</i> , 2013, 18, 6269-6280.	1.7	81
18	Green Synthesis of Gold Nanoparticles Using Sumac Aqueous Extract and Their Antioxidant Activity. <i>Materials Research</i> , 2017, 20, 264-270.	0.6	77

#	ARTICLE	IF	CITATIONS
19	Preparation and properties of poly(vinyl alcohol)/chitosan blend bionanocomposites reinforced with cellulose nanocrystals/ZnO-Ag multifunctional nanosized filler. <i>International Journal of Nanomedicine</i> , 2014, 9, 1909.	3.3	76
20	Green synthesis palladium nanoparticles mediated by white tea (&em>Camellia sinensis) extract with antioxidant, antibacterial, and antiproliferative activities toward the human leukemia (MOLT-4) cell line. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8841-8853.	3.3	72
21	Green Microwave-Assisted Combustion Synthesis of Zinc Oxide Nanoparticles with Citrullus colocynthis (L.) Schrad: Characterization and Biomedical Applications. <i>Molecules</i> , 2017, 22, 301.	1.7	68
22	Potential Use of Plant Fibres and their Composites for Biomedical Applications. <i>BioResources</i> , 2014, 9, .	0.5	64
23	Green synthesis, characterization, and anticancer activity of hyaluronan/zinc oxide nanocomposites. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 4549-4559.	1.0	55
24	Facile biosynthesis and characterization of palm pollen stabilized ZnO nanoparticles. <i>Materials Letters</i> , 2015, 148, 106-109.	1.3	40
25	Status of Plant Protein-Based Green Scaffolds for Regenerative Medicine Applications. <i>Biomolecules</i> , 2019, 9, 619.	1.8	40
26	In vitro molecular study of wound healing using biosynthesized bacteria nanocellulose/silver nanocomposite assisted by bioinformatics databases. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5097-5112.	3.3	37
27	Molecular study of wound healing after using biosynthesized BNC/Fe₃O₄ nanocomposites assisted with a bioinformatics approach. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2955-2971.	3.3	35
28	Preparation and properties of poly(vinyl alcohol)/chitosan blend bio-nanocomposites reinforced by cellulose nanocrystals. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1620-1627.	2.0	27
29	Sumac Silver Novel Biodegradable Nano Composite for Bio-Medical Application: Antibacterial Activity. <i>Molecules</i> , 2015, 20, 12946-12958.	1.7	26
30	Vernonia cinerea (L.) Less. silver nanocomposite and its antibacterial activity against a cotton pathogen. <i>Research on Chemical Intermediates</i> , 2015, 41, 5495-5507.	1.3	25
31	Apoptosis Induction in Human Leukemia Cell Lines by Gold Nanoparticles Synthesized Using the Green Biosynthetic Approach. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-10.	1.5	20
32	Nanosized silver"palm pollen nanocomposite, green synthesis, characterization and antimicrobial activity. <i>Research on Chemical Intermediates</i> , 2016, 42, 1571-1581.	1.3	11
33	Effect of polyethylene-grafted maleic anhydride on properties of high-density polyethylene and polystyrene blend/layered silicate nanocomposites. <i>Journal of Reinforced Plastics and Composites</i> , 2011, 30, 1649-1654.	1.6	10
34	Mechanical and barrier properties of kappa-carrageenan/cellulose nanocrystals bio-nanocomposite films. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 368, 012013.	0.3	8
35	Rapid Removal of Cu(II) Ion by Chemically Modified Rubber Wood Fiber. <i>Environmental Engineering Science</i> , 2012, 29, 101-107.	0.8	6