Fazli Wahid

List of Publications by Year
in descending order

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44 papers	3,329 citations	304743 22 h-index	265206 42 g-index
45 all docs	45 docs citations	45 times ranked	4835 citing authors

#	Article	IF	Citations
1	Multiwalled carbon nanotubes functionalized bacterial cellulose as an efficient healing material for diabetic wounds. International Journal of Biological Macromolecules, 2022, 203, 256-267.	7.5	27
2	Editorial: Nanocellulose: A Multipurpose Advanced Functional Material, Volume II. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	4.1	6
3	Production and applications of bacterial cellulose. , 2021, , 359-390.		2
4	Development of bactericidal spinel ferrite nanoparticles with effective biocompatibility for potential wound healing applications. RSC Advances, 2021, 11, 1773-1782.	3.6	21
5	Recent advancements in applications of chitosan-based biomaterials for skin tissue engineering. Journal of Bioresources and Bioproducts, 2021, 6, 11-25.	20.5	195
6	Properties and Applications of Modified Bacterial Cellulose-Based Materials. Current Nanoscience, 2021, 17, 351-364.	1.2	3
7	Preparation and Applications of Guar Gum Composites in Biomedical, Pharmaceutical, Food, and Cosmetics Industries. Current Nanoscience, 2021, 17, 365-379.	1.2	16
8	Bacterial cellulose and its potential for biomedical applications. Biotechnology Advances, 2021, 53, 107856.	11.7	61
9	Mechanisms underlying the wound healing and tissue regeneration properties of Chenopodium album. 3 Biotech, 2020, 10, 452.	2.2	11
10	Development and Evaluation of Drug Loaded Regenerated Bacterial Cellulose-Based Matrices as a Potential Dosage Form. Frontiers in Bioengineering and Biotechnology, 2020, 8, 579404.	4.1	10
11	Fabrication of Bacterial Cellulose-Curcumin Nanocomposite as a Novel Dressing for Partial Thickness Skin Burn. Frontiers in Bioengineering and Biotechnology, 2020, 8, 553037.	4.1	61
12	Nanocomposite hydrogels as multifunctional systems for biomedical applications: Current state and perspectives. Composites Part B: Engineering, 2020, 200, 108208.	12.0	101
13	Permeation of Silver Sulfadiazine Into TEMPO-Oxidized Bacterial Cellulose as an Antibacterial Agent. Frontiers in Bioengineering and Biotechnology, 2020, 8, 616467.	4.1	9
14	Bacterial Cellulose-Based Metallic Green Nanocomposites for Biomedical and Pharmaceutical Applications. Current Pharmaceutical Design, 2020, 26, 5866-5880.	1.9	6
15	Pharmaceutical and Biomedical Applications of Green Synthesized Metal and Metal Oxide Nanoparticles. Current Pharmaceutical Design, 2020, 26, 5844-5865.	1.9	14
16	Sauromatum guttatum extract promotes wound healing and tissue regeneration in a burn mouse model via up-regulation of growth factors. Pharmaceutical Biology, 2019, 57, 736-743.	2.9	9
17	MicroRNA biogenesis, gene silencing mechanisms and role in breast, ovarian and prostate cancer. Biochimie, 2019, 167, 12-24.	2.6	70
18	A facile construction of bacterial cellulose/ZnO nanocomposite films and their photocatalytic and antibacterial properties. International Journal of Biological Macromolecules, 2019, 132, 692-700.	7.5	100

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19	Production of bacterial cellulose from industrial wastes: a review. Cellulose, 2019, 26, 2895-2911.	4.9	194
20	Fabrication and Characterization of Chitosanâ€“Vitamin Câ€“Lactic Acid Composite Membrane for Potential Skin Tissue Engineering. International Journal of Polymer Science, 2019, 2019, 1-8.	2.7	36
21	Titanium oxide-bacterial cellulose bioadsorbent for the removal of lead ions from aqueous solution. International Journal of Biological Macromolecules, 2019, 129, 965-971.	7.5	56
22	Development of modified montmorillonite-bacterial cellulose nanocomposites as a novel substitute for burn skin and tissue regeneration. Carbohydrate Polymers, 2019, 206, 548-556.	10.2	102
23	Applications of cellulose and chitin/chitosan derivatives and composites as antibacterial materials: current state and perspectives. Applied Microbiology and Biotechnology, 2019, 103, 1989-2006.	3.6	97
24	Functionalized Bacterial Cellulose Microparticles for Drug Delivery in Biomedical Applications. Current Pharmaceutical Design, 2019, 25, 3692-3701.	1.9	23
25	Phytochemical profiling and antiviral activity of Ajuga bracteosa, Ajuga parviflora, Berberis lycium and Citrus lemon against Hepatitis C Virus. Microbial Pathogenesis, 2018, 118, 154-158.	2.9	31
26	Inhibitory Effects ofGlycyrrhiza glabraand Its Major Constituent Glycyrrhizin on Inflammation-Associated Corneal Neovascularization. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-8.	1.2	32
27	Nanocomposite scaffolds for tissue engineering; properties, preparation and applications. , 2018, , 701-735.		17
28	Bacterial cellulose-zinc oxide nanocomposites as a novel dressing system for burn wounds. Carbohydrate Polymers, 2017, 164, 214-221.	10.2	265
29	Identification of microRNA precursors using reduced and hybrid features. Molecular BioSystems, 2017, 13, 1640-1645.	2.9	8
30	Bacterial celluloseâ€“TiO₂nanocomposites promote healing and tissue regeneration in burn mice model. RSC Advances, 2017, 7, 47662-47668.	3.6	131
31	Effects of Heliotropium strigosum and Trapa bicornis in hyperactive gut disorders. Bangladesh Journal of Pharmacology, 2017, 12, 10.	0.4	2
32	Intestinal and vascular smooth muscle relaxant effect of Viscum album explains its medicinal use in hyperactive gut disorders and hypertension. BMC Complementary and Alternative Medicine, 2016, 16, 251.	3.7	18
33	Advances in biomedical and pharmaceutical applications of functional bacterial cellulose-based nanocomposites. Carbohydrate Polymers, 2016, 150, 330-352.	10.2	248
34	Chemical composition and vascular and intestinal smooth muscle relaxant effects of the essential oil fromPsidium guajavafruit. Pharmaceutical Biology, 2016, 54, 2679-2684.	2.9	9
35	Phytochemical analysis and effects of Pteris vittata extract on visual processes. Journal of Natural Medicines, 2016, 70, 8-17.	2.3	9
36	Chemical Composition and Vasorelaxant and Antispasmodic Effects of Essential Oil fromRosa indicaL. Petals. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	1.2	19

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37	Production, Characterization and Physico-mechanical Properties of Bacterial Cellulose from Industrial Wastes. Journal of Polymers and the Environment, 2015, 23, 45-53.	5.0	46
38	Production, characterization and biological features of bacterial cellulose from scum obtained during preparation of sugarcane jaggery (gur). Journal of Food Science and Technology, 2015, 52, 8343-8349.	2.8	48
39	MicroRNA and diseases: Therapeutic potential as new generation of drugs. Biochimie, 2014, 104, 12-26.	2.6	47
40	Stimulatory Effects of Zinc Oxide Nanoparticles on Visual Sensitivity and Electroretinography b-Waves in the Bullfrog Eye. Journal of Biomedical Nanotechnology, 2013, 9, 1408-1415.	1.1	5
41	Effects of Rubus coreanus extract on visual processes in bullfrog's eye. Journal of Ethnopharmacology, 2011, 138, 333-339.	4.1	4
42	MicroRNAs: Synthesis, mechanism, function, and recent clinical trials. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 1231-1243.	4.1	698
43	Curcumin in Cancer Chemoprevention: Molecular Targets, Pharmacokinetics, Bioavailability, and Clinical Trials. Archiv Der Pharmazie, 2010, 343, 489-499.	4.1	456
44	Effects of Red Ginseng Extract on Visual Sensitivity and ERG b-wave of Bullfrog's Eye. Planta Medica, 2010, 76, 426-432.	1.3	6