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	MicroRNAs: Synthesis, mechanism, function, and recent clinical trials. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 1231-1243.	4.1	698
2	Curcumin in Cancer Chemoprevention: Molecular Targets, Pharmacokinetics, Bioavailability, and Clinical Trials. Archiv Der Pharmazie, 2010, 343, 489-499.	4.1	456
3	Bacterial cellulose-zinc oxide nanocomposites as a novel dressing system for burn wounds. Carbohydrate Polymers, 2017, 164, 214-221.	10.2	265
4	Advances in biomedical and pharmaceutical applications of functional bacterial cellulose-based nanocomposites. Carbohydrate Polymers, 2016, 150, 330-352.	10.2	248
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	Production of bacterial cellulose from industrial wastes: a review. Cellulose, 2019, 26, 2895-2911.	4.9	194
7	Bacterial celluloseâ€“TiO₂nanocomposites promote healing and tissue regeneration in burn mice model. RSC Advances, 2017, 7, 47662-47668.	3.6	131
8	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
9	Nanocomposite hydrogels as multifunctional systems for biomedical applications: Current state and perspectives. Composites Part B: Engineering, 2020, 200, 108208.	12.0	101
10	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
11	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
12	MicroRNA biogenesis, gene silencing mechanisms and role in breast, ovarian and prostate cancer. Biochimie, 2019, 167, 12-24.	2.6	70
13	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
14	Bacterial cellulose and its potential for biomedical applications. Biotechnology Advances, 2021, 53, 107856.	11.7	61
15	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
16	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
17	MicroRNA and diseases: Therapeutic potential as new generation of drugs. Biochimie, 2014, 104, 12-26.	2.6	47
18	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

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19	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
20	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
21	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
22	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
23	Functionalized Bacterial Cellulose Microparticles for Drug Delivery in Biomedical Applications. Current Pharmaceutical Design, 2019, 25, 3692-3701.	1.9	23
24	Development of bactericidal spinel ferrite nanoparticles with effective biocompatibility for potential wound healing applications. RSC Advances, 2021, 11, 1773-1782.	3.6	21
25	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
26	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
27	Nanocomposite scaffolds for tissue engineering; properties, preparation and applications. , 2018, , 701-735.		17
28	Preparation and Applications of Guar Gum Composites in Biomedical, Pharmaceutical, Food, and Cosmetics Industries. Current Nanoscience, 2021, 17, 365-379.	1.2	16
29	Pharmaceutical and Biomedical Applications of Green Synthesized Metal and Metal Oxide Nanoparticles. Current Pharmaceutical Design, 2020, 26, 5844-5865.	1.9	14
30	Mechanisms underlying the wound healing and tissue regeneration properties of Chenopodium album. 3 Biotech, 2020, 10, 452.	2.2	11
31	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
32	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
33	Phytochemical analysis and effects of Pteris vittata extract on visual processes. Journal of Natural Medicines, 2016, 70, 8-17.	2.3	9
34	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
35	Permeation of Silver Sulfadiazine Into TEMPO-Oxidized Bacterial Cellulose as an Antibacterial Agent. Frontiers in Bioengineering and Biotechnology, 2020, 8, 616467.	4.1	9
36	Identification of microRNA precursors using reduced and hybrid features. Molecular BioSystems, 2017, 13, 1640-1645.	2.9	8

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37	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
38	Bacterial Cellulose-Based Metallic Green Nanocomposites for Biomedical and Pharmaceutical Applications. Current Pharmaceutical Design, 2020, 26, 5866-5880.	1.9	6
39	Editorial: Nanocellulose: A Multipurpose Advanced Functional Material, Volume II. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	4.1	6
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	Properties and Applications of Modified Bacterial Cellulose-Based Materials. Current Nanoscience, 2021, 17, 351-364.	1.2	3
43	Effects of Heliotropium strigosum and Trapa bicornis in hyperactive gut disorders. Bangladesh Journal of Pharmacology, 2017, 12, 10.	0.4	2
44	Production and applications of bacterial cellulose. , 2021, , 359-390.		2