Zhang Hu

List of Publications by Year
in descending order

34 papers	1,383 citations	331670 21 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	1792 citing authors

#	Article	IF	Citations
1	Chitosan-Based Composite Materials for Prospective Hemostatic Applications. Marine Drugs, 2018, 16, 273.	4.6	181
2	Marine Collagen Peptides from the Skin of Nile Tilapia (Oreochromis niloticus): Characterization and Wound Healing Evaluation. Marine Drugs, 2017, 15, 102.	4.6	152
3	Preparation and evaluation of chitosan/alginate porous microspheres/Bletilla striata polysaccharide composite hemostatic sponges. Carbohydrate Polymers, 2017, 174, 432-442.	10.2	137
4	Anti-Aging Effect of Chitosan Oligosaccharide on d-Galactose-Induced Subacute Aging in Mice. Marine Drugs, 2018, 16, 181.	4.6	81
5	Chitosan hydrogel in combination with marine peptides from tilapia for burns healing. International Journal of Biological Macromolecules, 2018, 112, 1191-1198.	7.5	79
6	A sodium alginate-based sustained-release IPN hydrogel and its applications. RSC Advances, 2020, 10, 39722-39730.	3.6	73
7	Preparation and Characterization of Chitosanâ€”Agarose Composite Films. Materials, 2016, 9, 816.	2.9	70
8	Anti-photoaging effects of chitosan oligosaccharide in ultraviolet-irradiated hairless mouse skin. Experimental Gerontology, 2018, 103, 27-34.	2.8	64
9	Investigation of the Effects of Molecular Parameters on the Hemostatic Properties of Chitosan. Molecules, 2018, 23, 3147.	3.8	54
10	Catechol functionalized chitosan/active peptide microsphere hydrogel for skin wound healing. International Journal of Biological Macromolecules, 2021, 173, 591-606.	7.5	54
11	Mussel-Inspired Catechol-Functionalized Hydrogels and Their Medical Applications. Molecules, 2019, 24, 2586.	3.8	46
12	Sponges of Carboxymethyl Chitosan Grafted with Collagen Peptides for Wound Healing. International Journal of Molecular Sciences, 2019, 20, 3890.	4.1	41
13	Thermal degradation of agar: Mechanism and toxicity of products. Food Chemistry, 2018, 264, 277-283.	8.2	40
14	Construction of a composite sponge containing tilapia peptides and chitosan with improved hemostatic performance. International Journal of Biological Macromolecules, 2019, 139, 719-729.	7.5	38
15	Chitosan-Based Thermo-Sensitive Hydrogel Loading Oyster Peptides for Hemostasis Application. Materials, 2020, 13, 5038.	2.9	30
16	Marine collagen peptide grafted carboxymethyl chitosan: Optimization preparation and coagulation evaluation. International Journal of Biological Macromolecules, 2020, 164, 3953-3964.	7.5	29
17	Preparation and evaluation of squid ink polysaccharide-chitosan as a wound-healing sponge. Materials Science and Engineering C, 2018, 82, 354-362.	7.3	28
18	Preparation and Properties of Carboxymethyl Chitosan/Alginate/Tranexamic Acid Composite Films. Membranes, 2019, 9, 11.	3.0	26

#	Article	IF	Citations
19	Solid-Phase Synthesis and Antitumor Evaluation of 2,4-Diamino-6-aryl-1,3,5-triazines. ACS Combinatorial Science, 2009, 11, 267-273.	3.3	24
20	Synthesis and biological evaluation of 1-cyano-2-amino-benzimidazole derivatives as a novel class of antitumor agents. Medicinal Chemistry Research, 2014, 23, 3029-3038.	2.4	22
21	Gastric acid-response chitosan/alginate/tilapia collagen peptide composite hydrogel: Protection effects on alcohol-induced gastric mucosal injury. Carbohydrate Polymers, 2022, 277, 118816.	10.2	22
22	Intramolecular cascade radical cyclizations promoted by samarium diiodide. Arkivoc, 2010, 2010, 171-177.	0.5	18
23	Research Progress of Chitosan-Based Biomimetic Materials. Marine Drugs, 2021, 19, 372.	4.6	15
24	2,2â€²-Biimidazole as an Efficient Ligand for Copper(I)-Catalyzed Câ€'N Coupling Reactions. Synthetic Communications, 2009, 40, 222-228.	2.1	13
25	Preparation of berbamine loaded chitosan-agarose microspheres and in vitro release study. Polimeros, 2012, 22, 422-426.	0.7	9
26	Copper(I)-catalyzed intramolecular C-N coupling reactions toward 1-cyanobenzoimidazoles. Arkivoc, 2011, 2011, 147-155.	0.5	9
27	Preparation of norfloxacin-grafted chitosan antimicrobial sponge and its application in wound repair. International Journal of Biological Macromolecules, 2022, 210, 243-251.	7.5	8
28	Polysaccharides fromEnteromorpha tubulosa: Optimization of extraction and cytotoxicity. Journal of Food Processing and Preservation, 2018, 42, e13373.	2.0	6
29	Preparation of Poly (Allylthiourea-Co-Acrylic Acid) Derived Carbon Materials and Their Applications in Wastewater Treatment. Molecules, 2019, 24, 957.	3.8	4
30	Efficient copper(I)-catalyzed, microwave-assisted, one-pot synthesis of 3,4-diaryl isoquinolines. Research on Chemical Intermediates, 2015, 41, 3461-3469.	2.7	3
31	Preparation and Properties of Chitosan-Tranexamic Acid Salts. Materials Science Forum, 2019, 943, 129-134.	0.3	3
32	Optimized preparation of gastric acid-response sulfhydryl functionalized chitosan/alginate/tilapia peptide hydrogel and its protective effects on alcohol-induced liver and brain injury. RSC Advances, 2021, 11, 34544-34557.	3.6	3
33	Iridoid Glycosides from Phlomis Medicinalis Diels: Optimized Extraction and Hemostasis Evaluation. Chemistry and Biodiversity, 2022, 19, e202100936.	2.1	1
34	Preparation, Characterization and Hemostatic Properties of Chitosan Caffeates. Key Engineering Materials, 2019, 814, 365-371.	0.4	0