

Rui Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,037
citations

471477

17
h-index

610883

24
g-index

26
all docs

26
docs citations

26
times ranked

1199
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction and assessment of carboxymethyl <i>Bletilla striata</i> polysaccharide/Polyvinyl alcohol wet-spun fibers load with Polydopamine@Metformin microcapsules. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103279.	3.0	2
2	In-situ synthesis silver nanoparticles in chitosan/ <i>Bletilla striata</i> polysaccharide composited microneedles for infected and susceptible wound healing. <i>International Journal of Biological Macromolecules</i> , 2022, 215, 550-559.	7.5	27
3	Investigation into the physical properties, antioxidant and antibacterial activity of <i>Bletilla striata</i> polysaccharide/chitosan membranes. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 311-320.	7.5	43
4	Development of the mussel-inspired pH-responsive hydrogel based on <i>Bletilla striata</i> polysaccharide with enhanced adhesiveness and antioxidant properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112066.	5.0	27
5	Photothermal-promoted multi-functional dual network polysaccharide hydrogel adhesive for infected and susceptible wound healing. <i>Carbohydrate Polymers</i> , 2021, 273, 118557.	10.2	69
6	Traditional uses, phytochemistry, and pharmacology of <i>Persicaria orientalis</i> (L.) Spach - A review. <i>Journal of Ethnopharmacology</i> , 2020, 249, 112407.	4.1	4
7	Novel probiotic-bound oxidized <i>Bletilla striata</i> polysaccharide-chitosan composite hydrogel. <i>Materials Science and Engineering C</i> , 2020, 117, 111265.	7.3	46
8	Development and Characterization of PCL Electrospun Membrane-Coated <i>Bletilla striata</i> Polysaccharide-Based Gastroretentive Drug Delivery System. <i>AAPS PharmSciTech</i> , 2020, 21, 66.	3.3	25
9	Preparation and evaluation of <i>Bletilla striata</i> polysaccharide/graphene oxide composite hemostatic sponge. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 827-835.	7.5	55
10	Polysaccharides from tubers of <i>Bletilla striata</i> : Physicochemical characterization, formulation of buccoadhesive wafers and preliminary study on treating oral ulcer. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 1035-1045.	7.5	63
11	System Bioinformatic Approach Through Molecular Docking, Network Pharmacology and Microarray Data Analysis to Determine the Molecular Mechanism Underlying the Effects of <i>Rehmanniae Radix Praeparata</i> on Cardiovascular Diseases. <i>Current Protein and Peptide Science</i> , 2019, 20, 964-975.	1.4	18
12	Anti-rheumatoid arthritis effects in adjuvant-induced arthritis in rats and molecular docking studies of <i>Polygonum orientale</i> L. extracts. <i>Immunology Letters</i> , 2018, 201, 59-69.	2.5	49
13	Novel Consensus Docking Strategy to Improve Ligand Pose Prediction. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 1662-1668.	5.4	30
14	In Vitro and In Vivo Antioxidant Activities of the Flowers and Leaves from <i>Paeonia rockii</i> and Identification of Their Antioxidant Constituents by UHPLC-ESI-HRMSn via Pre-Column DPPH Reaction. <i>Molecules</i> , 2018, 23, 392.	3.8	26
15	Structural insight into inhibition of REV7 protein interaction revealed by docking, molecular dynamics and MM/PBSA studies. <i>RSC Advances</i> , 2017, 7, 27780-27786.	3.6	9
16	Structural Insight into Inhibition of CsrA-RNA Interaction Revealed by Docking, Molecular Dynamics and Free Energy Calculations. <i>Scientific Reports</i> , 2017, 7, 14934.	3.3	12
17	In vivo wound healing and in vitro antioxidant activities of <i>Bletilla striata</i> phenolic extracts. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 451-461.	5.6	70
18	Anti-inflammatory and Analgesic Effects of <i>Polygonum orientale</i> L. Extracts. <i>Frontiers in Pharmacology</i> , 2017, 8, 562.	3.5	31

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19	Analytical Methods of Phytochemicals from the Genus <i>Gentiana</i> . <i>Molecules</i> , 2017, 22, 2080.	3.8	30
20	<i>Bletilla striata</i> Micron Particles Function as a Hemostatic Agent by Promoting Rapid Blood Aggregation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-8.	1.2	5
21	Identification of Chemical Composition of Leaves and Flowers from <i>Paeonia rockii</i> by UHPLC-Q-Exactive Orbitrap HRMS. <i>Molecules</i> , 2016, 21, 947.	3.8	27
22	<i>Angelica sinensis</i> in China-A review of botanical profile, ethnopharmacology, phytochemistry and chemical analysis. <i>Journal of Ethnopharmacology</i> , 2016, 190, 116-141.	4.1	216
23	Optimization of infrared-assisted extraction of <i>Bletilla striata</i> polysaccharides based on response surface methodology and their antioxidant activities. <i>Carbohydrate Polymers</i> , 2016, 148, 345-353.	10.2	151