

Zhangjun Cao

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

559
citations

932766

10
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

762
citing authors

#	ARTICLE	IF	CITATIONS
1	Glucose-triggered in situ forming keratin hydrogel for the treatment of diabetic wounds. <i>Acta Biomaterialia</i> , 2021, 125, 208-218.	4.1	47
2	Functionalization of Aminoalkylsilane-Grafted Bacterial Nanocellulose with ZnO-NPs-Doped Pullulan Electrospun Nanofibers for Multifunctional Wound Dressing. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3933-3946.	2.6	52
3	A novel approach for efficient fabrication of chitosan nanoparticles-embedded bacterial nanocellulose conduits. <i>Carbohydrate Polymers</i> , 2021, 264, 118002.	5.1	9
4	Injectable keratin hydrogels as hemostatic and wound dressing materials. <i>Biomaterials Science</i> , 2021, 9, 4169-4177.	2.6	44
5	In Situ Fabrication of Nerve Growth Factor Encapsulated Chitosan Nanoparticles in Oxidized Bacterial Nanocellulose for Rat Sciatic Nerve Regeneration. <i>Biomacromolecules</i> , 2021, 22, 4988-4999.	2.6	25
6	Targeting the N Terminus of eIF4A1 for Inhibition of Its Catalytic Recycling. <i>Cell Chemical Biology</i> , 2019, 26, 1417-1426.e5.	2.5	7
7	Preparation and characterization of BC/PAM-AgNPs nanocomposites for antibacterial applications. <i>Carbohydrate Polymers</i> , 2015, 115, 636-642.	5.1	28
8	Biosorption of Chromium(VI) Ions by Deposits Produced from Chicken Feathers after Soluble Keratin Extraction. <i>Clean - Soil, Air, Water</i> , 2014, 42, 1558-1566.	0.7	16
9	Induction and Selection of <i>Stenotrophomonas maltophilia</i> DHHJ for Feather Degradation. , 2012, , .		2
10	Antimicrobial activity of silver nanoparticle impregnated bacterial cellulose membrane: Effect of fermentation carbon sources of bacterial cellulose. <i>Carbohydrate Polymers</i> , 2012, 87, 839-845.	5.1	190
11	Identification of a Keratinase-Producing Bacterial Strain and Enzymatic Study for Its Improvement on Shrink Resistance and Tensile Strength of Wool- and Polyester-Blended Fabric. <i>Applied Biochemistry and Biotechnology</i> , 2011, 163, 112-126.	1.4	20
12	Characterization of a novel <i>Stenotrophomonas</i> isolate with high keratinase activity and purification of the enzyme. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009, 36, 181-188.	1.4	81
13	Screening for an oil-removing microorganism and oil removal from waste silk by pure culture fermentation. <i>Engineering in Life Sciences</i> , 2009, 9, 331-335.	2.0	2
14	Inheritance and molecular mapping of an alien stripe-rust resistance gene from a wheat- <i>Psathyrostachys huashanica</i> translocation line. <i>Plant Science</i> , 2008, 174, 544-549.	1.7	36