Zhangjun Cao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/52954/publications.pdf

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14	559	932766 10	1125271 13
papers	citations	h-index	g-index

14	14	14	762
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimicrobial activity of silver nanoparticle impregnated bacterial cellulose membrane: Effect of fermentation carbon sources of bacterial cellulose. Carbohydrate Polymers, 2012, 87, 839-845.	5.1	190
2	Characterization of a novel Stenotrophomonas isolate with high keratinase activity and purification of the enzyme. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 181-188.	1.4	81
3	Functionalization of Aminoalkylsilane-Grafted Bacterial Nanocellulose with ZnO-NPs-Doped Pullulan Electrospun Nanofibers for Multifunctional Wound Dressing. ACS Biomaterials Science and Engineering, 2021, 7, 3933-3946.	2.6	52
4	Glucose-triggered in situ forming keratin hydrogel for the treatment of diabetic wounds. Acta Biomaterialia, 2021, 125, 208-218.	4.1	47
5	Injectable keratin hydrogels as hemostatic and wound dressing materials. Biomaterials Science, 2021, 9, 4169-4177.	2.6	44
6	Inheritance and molecular mapping of an alien stripe-rust resistance gene from a wheat-Psathyrostachys huashanica translocation line. Plant Science, 2008, 174, 544-549.	1.7	36
7	Preparation and characterization of BC/PAM-AgNPs nanocomposites for antibacterial applications. Carbohydrate Polymers, 2015, 115, 636-642.	5.1	28
8	In Situ Fabrication of Nerve Growth Factor Encapsulated Chitosan Nanoparticles in Oxidized Bacterial Nanocellulose for Rat Sciatic Nerve Regeneration. Biomacromolecules, 2021, 22, 4988-4999.	2.6	25
9	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. Applied Biochemistry and Biotechnology, 2011, 163, 112-126.	1.4	20
10	Biosorption of Chromium(VI) Ions by Deposits Produced from Chicken Feathers after Soluble Keratin Extraction. Clean - Soil, Air, Water, 2014, 42, 1558-1566.	0.7	16
11	A novel approach for efficient fabrication of chitosan nanoparticles-embedded bacterial nanocellulose conduits. Carbohydrate Polymers, 2021, 264, 118002.	5.1	9
12	Targeting the N Terminus of eIF4AI for Inhibition of Its Catalytic Recycling. Cell Chemical Biology, 2019, 26, 1417-1426.e5.	2.5	7
13	Screening for an oilâ€removing microorganism and oil removal from waste silk by pure culture fermentation. Engineering in Life Sciences, 2009, 9, 331-335.	2.0	2
14	Induction and Selection of Stenotrophomonas maltophilia DHHJ for Feather Degradation. , 2012, , .		2