

Chih Yu Chih Yu Cheng

List of Publications by Year in descending order

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Pilot-Scale Production of Chito-Oligosaccharides Using an Innovative Recombinant Chitosanase Preparation Approach. <i>Polymers</i> , 2021, 13, 290.	2.0	1
2	Drug-release dynamics and antibacterial activities of chitosan/cefazolin coatings on Ti implants. <i>Progress in Organic Coatings</i> , 2021, 159, 106385.	1.9	12
3	Innovative mycoremediation technique for treating unsterilized PCDD/F-contaminated field soil and the exploration of chlorinated metabolites. <i>Environmental Pollution</i> , 2021, 289, 117869.	3.7	10
4	Effects of Lower Temperature on Expression and Biochemical Characteristics of HCV NS3 Antigen Recombinant Protein. <i>Catalysts</i> , 2021, 11, 1297.	1.6	9
5	White rot fungus <i>Pleurotus pulmonarius</i> enhanced bioremediation of highly PCDD/F-contaminated field soil via solid state fermentation. <i>Science of the Total Environment</i> , 2020, 738, 139670.	3.9	29
6	Synergistic effects of collagen and silver on the deposition characteristics, antibacterial ability, and cytocompatibility of a collagen/silver coating on titanium. <i>Journal of Alloys and Compounds</i> , 2020, 830, 154490.	2.8	16
7	Bostrycin production by agro-industrial residues and its potential for food processing. <i>Food Science and Biotechnology</i> , 2017, 26, 715-721.	1.2	7
8	Borate-fructose complex: A novel mediator for laccase and its new function for fructose determination. <i>FEBS Letters</i> , 2015, 589, 3107-3112.	1.3	5
9	Catalytic function of a newly purified exo- β -D-glucosaminidase from the entomopathogenic fungus <i>Paecilomyces lilacinus</i> . <i>Carbohydrate Polymers</i> , 2013, 93, 615-621.	5.1	8
10	<i>Jeongeupia chitinilytica</i> sp. nov., a chitinolytic bacterium isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 934-938.	0.8	10
11	<i>Chitinivorax tropicus</i> gen. nov., sp. nov., a chitinolytic bacterium isolated from a freshwater lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1086-1091.	0.8	13
12	Improving Antigenicity of the Recombinant Hepatitis C Virus Core Protein via Random Mutagenesis. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-6.	3.0	1
13	<i>Chitinibacter alvei</i> sp. nov., isolated from stream water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1760-1764.	0.8	9
14	<i>Deefgea chitinilytica</i> sp. nov., isolated from a wetland. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1450-1453.	0.8	16
15	Novel Steroid-Sensing Model and Characterization of Protein Interactions Based on Fluorescence Anisotropy Decay. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4327-4334.	1.2	5
16	Cloning and Expression of Chitinase A from <i>Serratia Marcescens</i> for Large-Scale Preparation of N,N-Diacetyl Chitobiose. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 688-695.	0.8	19
17	Structural simulation and protein engineering to convert an endo-chitosanase to an exo-chitosanase. <i>Protein Engineering, Design and Selection</i> , 2008, 21, 561-566.	1.0	18
18	Exploration of Glycosyl Hydrolase Family 75, a Chitosanase from <i>Aspergillus fumigatus</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 3137-3144.	1.6	64

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19	A chitosanase from <i>Paecilomyces lilacinus</i> with binding affinity for specific chito-oligosaccharides. <i>Biotechnology and Applied Biochemistry</i> , 2005, 41, 145.	1.4	12
20	Continuous Production of High-Content Fructooligosaccharides by a Complex Cell System. <i>Biotechnology Progress</i> , 2002, 18, 1282-1286.	1.3	32
21	Purification, characterization and cloning of a chitinase from <i>Bacillus</i> sp. NCTU2. <i>Biotechnology and Applied Biochemistry</i> , 2002, 35, 213.	1.4	203
22	An <i>Aspergillus</i> chitosanase with potential for large-scale preparation of chitosan oligosaccharides. <i>Biotechnology and Applied Biochemistry</i> , 2000, 32, 197.	1.4	100
23	Production of Fructooligosaccharides by Immobilized Mycelium of <i>Aspergillus japonicus</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 1996, 66, 135-138.	1.6	22