

# Yong-Gang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

100  
citations

1683354

5  
h-index

1588620

8  
g-index

16  
all docs

16  
docs citations

16  
times ranked

56  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative analysis of three kinds of extraction kinetic models of crude polysaccharides from <i>Codonopsis pilosula</i> and evaluate the characteristics of crude polysaccharides. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 12917-12933.	2.9	4
2	Extraction kinetic model of polysaccharide from <i>Codonopsis pilosula</i> and the application of polysaccharide in wound healing. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 025012.	1.7	3
3	Transporter drives the biosorption of heavy metals by <i>Stenotrophomonas rhizophila</i> JC1. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	2.7	3
4	Preparation of <i>Codonopsis pilosula</i> polysaccharide microcapsules and its effect and mechanism on skin wound healing in rats. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1723-1736.	1.2	4
5	Promoting effect of the recombinant resuscitation promoting factors of <i>Rhodococcus erythropolis</i> on petroleum degradation and cultivable bacterial diversities of the oil-contaminated soils. <i>Letters in Applied Microbiology</i> , 2022, 74, 462-469.	1.0	3
6	Differences in geological conditions have reshaped the structure and diversity of microbial communities in oily soils. <i>Environmental Pollution</i> , 2022, 306, 119404.	3.7	15
7	Improved growth and metabolite accumulation in <i>Codonopsis pilosula</i> (Franch.) Nannf. by inoculation with the endophytic <i>Geobacillus</i> sp. RHBA19 and <i>Pseudomonas fluorescens</i> RHBA17. <i>Journal of Plant Physiology</i> , 2022, 274, 153718.	1.6	7
8	Study on Interaction of Coomassie Brilliant Blue G-250 with Bovine Serum Albumin by Multispectroscopic. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 421-431.	0.9	14
9	Molecular mechanisms of heavy metals resistance of <i>Stenotrophomonas rhizophila</i> JC1 by whole genome sequencing. <i>Archives of Microbiology</i> , 2021, 203, 2699-2709.	1.0	8
10	Structural characteristics of polysaccharide microcapsules from <i>Nostoc commune</i> , and their applications in skin wound healing and pathological repair. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 045009.	1.7	6
11	Optimization and mechanism exploration for <i>Escherichia coli</i> transformed with plasmid pUC19 by the combination with ultrasound treatment and chemical method. <i>Ultrasonics Sonochemistry</i> , 2021, 74, 105552.	3.8	4
12	Comparative analysis of carbon and nitrogen metabolism, antioxidant indexes, polysaccharides and lobetyolin changes of different tissues from <i>Codonopsis pilosula</i> co-inoculated with <i>Trichoderma</i> . <i>Journal of Plant Physiology</i> , 2021, 267, 153546.	1.6	6
13	Extraction kinetics, thermodynamics, rheological properties and anti-BVDV activity of the hot water assisted extraction of <i>Glycyrrhiza</i> polysaccharide. <i>Food and Function</i> , 2020, 11, 4067-4080.	2.1	14
14	Expression of <i>Aspergillus niger</i> glucose oxidase in <i>Pichia pastoris</i> and its antimicrobial activity against <i>Agrobacterium</i> and <i>Escherichia coli</i> . <i>PeerJ</i> , 2020, 8, e9010.	0.9	5
15	Cloning, Expression, and Bioinformatics Analysis of Heavy Metal Resistance Gene <i>afe_1862</i> from <i>Acidithiobacillus ferrooxidans</i> L1 in <i>Escherichia coli</i> . <i>Biological Trace Element Research</i> , 2019, 189, 291-300.	1.9	4