

# Yong-Gang Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8982317/publications.pdf>

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  | 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        |
| 2  | Extraction kinetics, thermodynamics, rheological properties and anti-BVDV activity of the hot water assisted extraction of <i>Glycyrrhiza polysaccharide</i> . <i>Food and Function</i> , 2020, 11, 4067-4080.                                                           | 2.1 | 14        |
| 3  | 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        |
| 4  | 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         |
| 5  | 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         |
| 6  | 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         |
| 7  | 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         |
| 8  | 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         |
| 9  | 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         |
| 10 | 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         |
| 11 | 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         |
| 12 | 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         |
| 13 | 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         |
| 14 | 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         |
| 15 | 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         |