

# Junquan Liu

## List of Publications by Year in descending order

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17  
papers

541  
citations

933447

10  
h-index

888059

17  
g-index

17  
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17  
docs citations

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times ranked

473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-Genome Sequence and Comparative Analysis of <i>Trichoderma asperellum</i> ND-1 Reveal Its Unique Enzymatic System for Efficient Biomass Degradation. <i>Catalysts</i> , 2022, 12, 437.	3.5	9
2	Nasal delivery of an IgM offers broad protection from SARS-CoV-2 variants. <i>Nature</i> , 2021, 595, 718-723.	27.8	128
3	High efficient degradation of glucan/glucomannan to cello-/mannan-oligosaccharide by endoglucanase via tetrasaccharide as intermediate. <i>Food Chemistry</i> , 2021, 350, 129175.	8.2	8
4	Improved Production of Xylanase in <i>Pichia pastoris</i> and Its Application in Xylose Production From Xylan. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 690702.	4.1	6
5	Novel $\beta$ -mannanase/GLP-1 fusion peptide high effectively ameliorates obesity in a mouse model by modifying balance of gut microbiota. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 753-763.	7.5	25
6	Tumour DDR1 promotes collagen fibre alignment to instigate immune exclusion. <i>Nature</i> , 2021, 599, 673-678.	27.8	139
7	OxyR controls magnetosome formation by regulating magnetosome island (MAI) genes, iron metabolism, and redox state. <i>Free Radical Biology and Medicine</i> , 2020, 161, 272-282.	2.9	9
8	An endoxylanase rapidly hydrolyzes xylan into major product xylobiose via transglycosylation of xylose to xylotriose or xylo-tetraose. <i>Carbohydrate Polymers</i> , 2020, 237, 116121.	10.2	15
9	Bacterial magnetosomes loaded with doxorubicin and transferrin improve targeted therapy of hepatocellular carcinoma. <i>Nanotheranostics</i> , 2019, 3, 284-298.	5.2	18
10	Epsilon-Fe <sub>2</sub> O <sub>3</sub> is a novel intermediate for magnetite biosynthesis in magnetotactic bacteria. <i>Biomaterials Research</i> , 2019, 23, 13.	6.9	6
11	Growth-inhibitory effects of anthracycline-loaded bacterial magnetosomes against hepatic cancerin vitro and in vivo. <i>Nanomedicine</i> , 2019, 14, 1663-1680.	3.3	12
12	Highly Efficient Degradation of Xylan into Xylose by a Single Enzyme. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11360-11368.	6.7	20
13	Thermophilic xylanases: from bench to bottle. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 989-1002.	9.0	57
14	Insight to Improve $\beta$ -L-Arabinofuranosidase Productivity in <i>Pichia pastoris</i> and Its Application on Corn Stover Degradation. <i>Frontiers in Microbiology</i> , 2018, 9, 3016.	3.5	16
15	Secretory expression of $\beta$ -mannanase in <i>Saccharomyces cerevisiae</i> and its high efficiency for hydrolysis of mannans to manno-oligosaccharides. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10027-10041.	3.6	13
16	Characterization of Two Endo- $\beta$ -1, 4-Xylanases from <i>Myceliophthora thermophila</i> and Their Saccharification Efficiencies, Synergistic with Commercial Cellulase. <i>Frontiers in Microbiology</i> , 2018, 9, 233.	3.5	52
17	The Disruption of an OxyR-Like Protein Impairs Intracellular Magnetite Biomineralization in <i>Magnetospirillum gryphiswaldense</i> MSR-1. <i>Frontiers in Microbiology</i> , 2017, 08, 208.	3.5	8