

# Mian Zhou

## List of Publications by Year in descending order

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23  
papers

1,263  
citations

687363

13  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1500  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong negative correlation between codon usage bias and protein structural disorder impedes protein expression after codon optimization. <i>Journal of Biotechnology</i> , 2022, 343, 15-24.	3.8	5
2	Enhanced bioproduction of chitin in engineered <i>Pichia pastoris</i> . <i>Food Bioscience</i> , 2022, 47, 101606.	4.4	2
3	Codon usage bias regulates gene expression and protein conformation in yeast expression system <i>P. pastoris</i> . <i>Microbial Cell Factories</i> , 2021, 20, 91.	4.0	20
4	Online bioinformatics teaching practice: Comparison of popular docking programs using SARS-CoV-2 spike RBD-ACE2 complex as a benchmark. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 833-840.	1.2	4
5	Identification and study of InV as an inverse autotransporter family representative in <i>Edwardsiella piscicida</i> . <i>Archives of Microbiology</i> , 2020, 202, 1107-1116.	2.2	2
6	Codon usage bias affects $\alpha$ -amylase mRNA level by altering RNA stability and cytosine methylation patterns in <i>Escherichia coli</i> . <i>Canadian Journal of Microbiology</i> , 2020, 66, 521-528.	1.7	4
7	Heterologous expression and purification of a marine alginate lyase in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2019, 153, 97-104.	1.3	12
8	Phosphorylation of PppA at threonine 253 controls T6SS2 expression and bacterial killing capacity in the marine pathogen <i>Vibrio alginolyticus</i> . <i>Microbiological Research</i> , 2018, 209, 70-78.	5.3	6
9	EsrB negatively regulates expression of the glutamine synthetase GlnA in the fish pathogen <i>Edwardsiella piscicida</i> . <i>FEMS Microbiology Letters</i> , 2018, 365, .	1.8	7
10	Identification and characterization of novel promoters for recombinant protein production in yeast <i>Pichia pastoris</i> . <i>Yeast</i> , 2018, 35, 379-385.	1.7	32
11	Serine/threonine kinase PpkA coordinates the interplay between T6SS2 activation and quorum sensing in the marine pathogen <i>Vibrio alginolyticus</i> . <i>Environmental Microbiology</i> , 2018, 20, 903-919.	3.8	25
12	Genome-Wide Determination of Gene Essentiality by Transposon Insertion Sequencing in Yeast <i>Pichia pastoris</i> . <i>Scientific Reports</i> , 2018, 8, 10223.	3.3	25
13	Codon usage biases co-evolve with transcription termination machinery to suppress premature cleavage and polyadenylation. <i>ELife</i> , 2018, 7, .	6.0	50
14	PiggyBac transposon-mediated mutagenesis and application in yeast <i>Komagataella phaffii</i> . <i>Biotechnology Letters</i> , 2018, 40, 1365-1376.	2.2	7
15	Kinase Screening in <i>Pichia pastoris</i> Identified Promising Targets Involved in Cell Growth and Alcohol Oxidase 1 Promoter (PAOX1) Regulation. <i>PLoS ONE</i> , 2016, 11, e0167766.	2.5	28
16	A novel methanol-free <i>Pichia pastoris</i> system for recombinant protein expression. <i>Microbial Cell Factories</i> , 2016, 15, 178.	4.0	53
17	Codon usage is an important determinant of gene expression levels largely through its effects on transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6117-E6125.	7.1	326
18	Codon usage affects the structure and function of the <i>Drosophila</i> circadian clock protein PERIOD. <i>Genes and Development</i> , 2016, 30, 1761-1775.	5.9	73

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19	Mit1 Transcription Factor Mediates Methanol Signaling and Regulates the Alcohol Oxidase 1 (AOX1) Promoter in <i>Pichia pastoris</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 6245-6261.	3.4	82
20	PpNrg1 is a transcriptional repressor for glucose and glycerol repression of AOX1 promoter in methylotrophic yeast <i>Pichia pastoris</i> . <i>Biotechnology Letters</i> , 2016, 38, 291-298.	2.2	39
21	Nonoptimal codon usage influences protein structure in intrinsically disordered regions. <i>Molecular Microbiology</i> , 2015, 97, 974-987.	2.5	99
22	Methods to Study Molecular Mechanisms of the <i>Neurospora</i> Circadian Clock. <i>Methods in Enzymology</i> , 2015, 551, 137-151.	1.0	5
23	Non-optimal codon usage affects expression, structure and function of clock protein FRQ. <i>Nature</i> , 2013, 495, 111-115.	27.8	357