

Yuhua Zhan

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

503
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen fixation island and rhizosphere competence traits in the genome of root-associated <i>Pseudomonas stutzeri</i> A1501. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7564-7569.	7.1	325
2	Global transcriptional analysis of nitrogen fixation and ammonium repression in root-associated <i>Pseudomonas stutzeri</i> A1501. <i>BMC Genomics</i> , 2010, 11, 11.	2.8	65
3	The novel regulatory ncRNA, NfiS, optimizes nitrogen fixation via base pairing with the nitrogenase gene <i>nifK</i> mRNA in <i>Pseudomonas stutzeri</i> A1501. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4348-56.	7.1	50
4	The <i>Pseudomonas stutzeri</i> -Specific Regulatory Noncoding RNA NfiS Targets <i>katB</i> mRNA Encoding a Catalase Essential for Optimal Oxidative Resistance and Nitrogenase Activity. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	17
5	NfiR, a New Regulatory Noncoding RNA (ncRNA), Is Required in Concert with the NfiS ncRNA for Optimal Expression of Nitrogenase Genes in <i>Pseudomonas stutzeri</i> A1501. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	17
6	A regulatory network involving Rpo, Gac and Rsm for nitrogen-fixing biofilm formation by <i>Pseudomonas stutzeri</i> . <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 54.	6.4	16
7	Master regulator NtrC controls the utilization of alternative nitrogen sources in <i>Pseudomonas stutzeri</i> A1501. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 177.	3.6	8
8	The Sigma Factor AlgU Regulates Exopolysaccharide Production and Nitrogen-Fixing Biofilm Formation by Directly Activating the Transcription of <i>pslA</i> in <i>Pseudomonas stutzeri</i> A1501. <i>Genes</i> , 2022, 13, 867.	2.4	3
9	Post-transcriptional control of bacterial nitrogen metabolism by regulatory noncoding RNAs. <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, .	3.6	2