

Minliang Guo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

308
citations

1040056

9
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888059

17
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19
all docs

19
docs citations

19
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Agrobacterium-mediated horizontal gene transfer: Mechanism, biotechnological application, potential risk and forestalling strategy. <i>Biotechnology Advances</i> , 2019, 37, 259-270.	11.7	64
2	Bacterial chemotaxis coupling protein: Structure, function and diversity. <i>Microbiological Research</i> , 2019, 219, 40-48.	5.3	52
3	Recruitment of conjugative DNA transfer substrate to <i>Agrobacterium</i> type IV secretion apparatus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20019-20024.	7.1	35
4	Is there any crosstalk between the chemotaxis and virulence induction signaling in <i>Agrobacterium tumefaciens</i> ?. <i>Biotechnology Advances</i> , 2017, 35, 505-511.	11.7	32
5	<i>Agrobacterium</i> VirD2-Binding Protein Is Involved in Tumorigenesis and Redundantly Encoded in Conjugative Transfer Gene Clusters. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1201-1212.	2.6	25
6	Analysis of Phenol Biodegradation in Antibiotic and Heavy Metal Resistant <i>Acinetobacter lwoffii</i> NL1. <i>Frontiers in Microbiology</i> , 2021, 12, 725755.	3.5	21
7	<i>Agrobacterium tumefaciens</i> ferritins play an important role in full virulence through regulating iron homeostasis and oxidative stress survival. <i>Molecular Plant Pathology</i> , 2020, 21, 1167-1178.	4.2	13
8	Two <i>Agrobacterium tumefaciens</i> CheW Proteins Are Incorporated into One Chemosensory Pathway with Different Efficiencies. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 460-470.	2.6	12
9	Expression of <i>Agrobacterium</i> Homolog Genes Encoding T-complex Recruiting Protein under Virulence Induction Conditions. <i>Frontiers in Microbiology</i> , 2015, 6, 1379.	3.5	9
10	<i>Agrobacterium</i> -Mediated Genetic Transformation: History and Progress. , 0, , .		8
11	Domain function dissection and catalytic properties of <i>Listeria monocytogenes</i> p60 protein with bacteriolytic activity. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10527-10537.	3.6	6
12	The Only Chemoreceptor Encoded by the <i>che</i> Operon Affects the Chemotactic Response of <i>Agrobacterium</i> to Various Chemoeffectors. <i>Microorganisms</i> , 2021, 9, 1923.	3.6	6
13	Identification and characterization of the biochemical function of <i>Agrobacterium tumefaciens</i> T-complex recruiting protein. <i>FEBS Journal</i> , 2013, 280, 4865-4875.	4.7	5
14	Reconstruction and analysis of a genome-scale metabolic model for <i>Agrobacterium tumefaciens</i> . <i>Molecular Plant Pathology</i> , 2021, 22, 348-360.	4.2	5
15	<i>Agrobacterium fabrum</i> atu0526-Encoding Protein Is the Only Chemoreceptor That Regulates Chemoattraction toward the Broad Antibacterial Agent Formic Acid. <i>Biology</i> , 2021, 10, 1345.	2.8	5
16	In silico analysis of the chemotactic system of <i>Agrobacterium tumefaciens</i> . <i>Microbial Genomics</i> , 2020, 6, .	2.0	4
17	Is the LysM domain of <i>L. monocytogenes</i> p60 protein suitable for engineering a protein with high peptidoglycan binding affinity?. <i>Bioengineered</i> , 2016, 7, 406-410.	3.2	3
18	The Divergent Key Residues of Two <i>Agrobacterium fabrum</i> (<i>tumefaciens</i>) CheY Paralogs Play a Key Role in Distinguishing Their Functions. <i>Microorganisms</i> , 2021, 9, 1134.	3.6	2

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19	Study on the domain function of <i>Listeria monocytogenes</i> p60 protein. <i>New Biotechnology</i> , 2014, 31, S197-S198.	4.4	1