Minliang Guo

List of Publications by Year
in descending order

19 papers	308 citations	1040056 9 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	293 citing authors

#	Article	IF	Citations
1	Reconstruction and analysis of a genomeâ€scale metabolic model for Agrobacterium tumefaciens. Molecular Plant Pathology, 2021, 22, 348-360.	4.2	5
2	The Divergent Key Residues of Two Agrobacterium fabrum (tumefaciens) CheY Paralogs Play a Key Role in Distinguishing Their Functions. Microorganisms, 2021, 9, 1134.	3.6	2
3	The Only Chemoreceptor Encoded by che Operon Affects the Chemotactic Response of Agrobacterium to Various Chemoeffectors. Microorganisms, 2021, 9, 1923.	3.6	6
4	Analysis of Phenol Biodegradation in Antibiotic and Heavy Metal Resistant Acinetobacter lwoffii NL1. Frontiers in Microbiology, 2021, 12, 725755.	3.5	21
5	Agrobacterium fabrum atu0526-Encoding Protein Is the Only Chemoreceptor That Regulates Chemoattraction toward the Broad Antibacterial Agent Formic Acid. Biology, 2021, 10, 1345.	2.8	5
6	Agrobacterium tumefaciens ferritins play an important role in full virulence through regulating iron homeostasis and oxidative stress survival. Molecular Plant Pathology, 2020, 21, 1167-1178.	4.2	13
7	In silico analysis of the chemotactic system of Agrobacterium tumefaciens. Microbial Genomics, 2020, 6, .	2.0	4
8	Agrobacterium-mediated horizontal gene transfer: Mechanism, biotechnological application, potential risk and forestalling strategy. Biotechnology Advances, 2019, 37, 259-270.	11.7	64
9	Bacterial chemotaxis coupling protein: Structure, function and diversity. Microbiological Research, 2019, 219, 40-48.	5.3	52
10	Two Agrobacterium tumefaciens CheW Proteins Are Incorporated into One Chemosensory Pathway with Different Efficiencies. Molecular Plant-Microbe Interactions, 2018, 31, 460-470.	2.6	12
11	Is there any crosstalk between the chemotaxis and virulence induction signaling in Agrobacterium tumefaciens ?. Biotechnology Advances, 2017, 35, 505-511.	11.7	32
12	Is the LysM domain ofL. monocytogenesp60 protein suitable for engineering a protein with high peptidoglycan binding affinity?. Bioengineered, 2016, 7, 406-410.	3.2	3
13	Expression of Agrobacterium Homolog Genes Encoding T-complex Recruiting Protein under Virulence Induction Conditions. Frontiers in Microbiology, 2015, 6, 1379.	3.5	9
14	Domain function dissection and catalytic properties of Listeria monocytogenes p60 protein with bacteriolytic activity. Applied Microbiology and Biotechnology, 2015, 99, 10527-10537.	3.6	6
15	Study on the domain function of Listeria monocytogenes p60 protein. New Biotechnology, 2014, 31, S197-S198.	4.4	1
16	Identification and characterization of the biochemical function of <scp>A</scp>grobacterium <scp>T</scp>â€complexâ€recruiting protein <scp>A</scp>tu5117. FEBS Journal, 2013, 280, 4865-4875.	4.7	5
17	Recruitment of conjugative DNA transfer substrate to Agrobacterium type IV secretion apparatus. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20019-20024.	7.1	35
18	Agrobacterium VirD2-Binding Protein Is Involved in Tumorigenesis and Redundantly Encoded in Conjugative Transfer Gene Clusters. Molecular Plant-Microbe Interactions, 2007, 20, 1201-1212.	2.6	25

#	Article	IF	Citations
19	Agrobacterium-Mediated Genetic Transformation: History and Progress. , 0, , .		8