

Shuaiqi Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/365527/publications.pdf>

Version: 2024-02-01

12
papers

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1040056

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18
docs citations

18
times ranked

429
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of a 1.5-MDa adhesin that binds its Antarctic bacterium to diatoms and ice. <i>Science Advances</i> , 2017, 3, e1701440.	10.3	83
2	Re-Evaluation of a Bacterial Antifreeze Protein as an Adhesin with Ice-Binding Activity. <i>PLoS ONE</i> , 2012, 7, e48805.	2.5	57
3	Putting life on ice: bacteria that bind to frozen water. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20160210.	3.4	47
4	Engineered Living Materials Based on Adhesin-Mediated Trapping of Programmable Cells. <i>ACS Synthetic Biology</i> , 2020, 9, 475-485.	3.8	40
5	Ca ²⁺ -stabilized adhesin helps an Antarctic bacterium reach out and bind ice. <i>Bioscience Reports</i> , 2014, 34, .	2.4	32
6	RTX Adhesins are Key Bacterial Surface Megaproteins in the Formation of Biofilms. <i>Trends in Microbiology</i> , 2019, 27, 453-467.	7.7	30
7	Role of C^{2+} in folding the tandem β -sandwich extender domains of a bacterial ice-binding adhesin. <i>FEBS Journal</i> , 2013, 280, 5919-5932.	4.7	20
8	Conserved structural features anchor biofilm-associated RTX adhesins to the outer membrane of bacteria. <i>FEBS Journal</i> , 2018, 285, 1812-1826.	4.7	18
9	Structure and functional analysis of a bacterial adhesin sugar-binding domain. <i>PLoS ONE</i> , 2019, 14, e0220045.	2.5	11
10	Structural Basis of Ligand Selectivity by a Bacterial Adhesin Lectin Involved in Multispecies Biofilm Formation. <i>MBio</i> , 2021, 12, .	4.1	7
11	Phasing with calcium at home. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2019, 75, 377-384.	0.8	4
12	Molecular basis for inhibition of adhesin-mediated bacterial-host interactions through a peptide-binding domain. <i>Cell Reports</i> , 2021, 37, 110002.	6.4	3