

Sujeet Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

374
citations

933447

10
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1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

396
citing authors

#	ARTICLE	IF	CITATIONS
1	New Functions for the Ancient DedA Membrane Protein Family. <i>Journal of Bacteriology</i> , 2013, 195, 3-11.	2.2	69
2	Members of the Conserved DedA Family Are Likely Membrane Transporters and Are Required for Drug Resistance in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 923-930.	3.2	51
3	A DedA Family Membrane Protein Is Required for <i>Burkholderia thailandensis</i> Colistin Resistance. <i>Frontiers in Microbiology</i> , 2019, 10, 2532.	3.5	43
4	YhdP, TamB, and YdbH Are Redundant but Essential for Growth and Lipid Homeostasis of the Gram-Negative Outer Membrane. <i>MBio</i> , 2021, 12, e0271421.	4.1	37
5	Membrane Potential Is Required for MurJ Function. <i>Journal of the American Chemical Society</i> , 2018, 140, 4481-4484.	13.7	35
6	<i>Escherichia coli</i> YqjA, a Member of the Conserved DedA/Tvp38 Membrane Protein Family, Is a Putative Osmosensing Transporter Required for Growth at Alkaline pH. <i>Journal of Bacteriology</i> , 2015, 197, 2292-2300.	2.2	32
7	The Bacterial Cell Wall: From Lipid II Flipping to Polymerization. <i>Chemical Reviews</i> , 2022, 122, 8884-8910.	47.7	32
8	The bacterial lipid II flippase MurJ functions by an alternating-access mechanism. <i>Journal of Biological Chemistry</i> , 2019, 294, 981-990.	3.4	30
9	Detection of Transport Intermediates in the Peptidoglycan Flippase MurJ Identifies Residues Essential for Conformational Cycling. <i>Journal of the American Chemical Society</i> , 2020, 142, 5482-5486.	13.7	19
10	Identification of essential arginine residues of <i>Escherichia coli</i> DedA/Tvp38 family membrane proteins YqjA and YghB. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw133.	1.8	17
11	Cpx-dependent expression of YqjA requires cations at elevated pH. <i>FEMS Microbiology Letters</i> , 2017, 364, .	1.8	7
12	Probing Conformational States of a Target Protein in <i>Escherichia coli</i> Cells by in vivo Cysteine Cross-linking Coupled with Proteolytic Gel Analysis. <i>Bio-protocol</i> , 2019, 9, e3271.	0.4	2