

Ashley L Nord

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

265
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Relaxation time asymmetry in stator dynamics of the bacterial flagellar motor. <i>Science Advances</i> , 2022, 8, eabl8112.	10.3	2
2	Computational design of mechanically coupled axle-rotor protein assemblies. <i>Science</i> , 2022, 376, 383-390.	12.6	33
3	Dynamic stiffening of the flagellar hook. <i>Nature Communications</i> , 2022, 13, .	12.8	4
4	Molecular structure of the intact bacterial flagellar basal body. <i>Nature Microbiology</i> , 2021, 6, 712-721.	13.3	61
5	The Dynamic Ion Motive Force Powering the Bacterial Flagellar Motor. <i>Frontiers in Microbiology</i> , 2021, 12, 659464.	3.5	13
6	Load-dependent adaptation near zero load in the bacterial flagellar motor. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190300.	3.4	16
7	Speed of the bacterial flagellar motor near zero load depends on the number of stator units. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11603-11608.	7.1	30
8	Catch bond drives stator mechanosensitivity in the bacterial flagellar motor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12952-12957.	7.1	78
9	A Simple low-cost device enables four epi-illumination techniques on standard light microscopes. <i>Scientific Reports</i> , 2016, 6, 20729.	3.3	7
10	Transient pauses of the bacterial flagellar motor at low load. <i>New Journal of Physics</i> , 2016, 18, 115002.	2.9	3
11	Comparison between single-molecule and X-ray crystallography data on yeast F1-ATPase. <i>Scientific Reports</i> , 2015, 5, 8773.	3.3	17