

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