

Tristan W Owens

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,089
citations

840776

11
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

2495
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. <i>Science</i> , 2020, 370, .	12.6	508
2	Structural basis of unidirectional export of lipopolysaccharide to the cell surface. <i>Nature</i> , 2019, 567, 550-553.	27.8	108
3	Fragment binding to the Nsp3 macrodomain of SARS-CoV-2 identified through crystallographic screening and computational docking. <i>Science Advances</i> , 2021, 7, .	10.3	100
4	Stimulated association of STIM1 and Orai1 is regulated by the balance of PtdIns(4,5)P ₂ between distinct membrane pools. <i>Journal of Cell Science</i> , 2011, 124, 2602-2610.	2.0	82
5	The Antibiotic Novobiocin Binds and Activates the ATPase That Powers Lipopolysaccharide Transport. <i>Journal of the American Chemical Society</i> , 2017, 139, 17221-17224.	13.7	65
6	Novobiocin Enhances Polymyxin Activity by Stimulating Lipopolysaccharide Transport. <i>Journal of the American Chemical Society</i> , 2018, 140, 6749-6753.	13.7	49
7	Identification of Residues in the Lipopolysaccharide ABC Transporter That Coordinate ATPase Activity with Extractor Function. <i>MBio</i> , 2016, 7, .	4.1	32
8	Substrate Preferences Establish the Order of Cell Wall Assembly in <i>Staphylococcus aureus</i> . <i>Journal of the American Chemical Society</i> , 2018, 140, 2442-2445.	13.7	25
9	Structure and reconstitution of a hydrolase complex that may release peptidoglycan from the membrane after polymerization. <i>Nature Microbiology</i> , 2021, 6, 34-43.	13.3	21
10	Antibiotic That Inhibits the ATPase Activity of an ATP-Binding Cassette Transporter by Binding to a Remote Extracellular Site. <i>Journal of the American Chemical Society</i> , 2017, 139, 10597-10600.	13.7	18
11	Combining Mutations That Inhibit Two Distinct Steps of the ATP Hydrolysis Cycle Restores Wild-Type Function in the Lipopolysaccharide Transporter and Shows that ATP Binding Triggers Transport. <i>MBio</i> , 2019, 10, .	4.1	17
12	Simple Secondary Amines Inhibit Growth of Gram-Negative Bacteria through Highly Selective Binding to Phenylalanyl-tRNA Synthetase. <i>Journal of the American Chemical Society</i> , 2021, 143, 623-627.	13.7	8