

Shankar Shastry

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11235470/publications.pdf>

Version: 2024-02-01

10
papers

587
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

673
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of nucleic acid binding dynamics by the telomerase essential N-terminal domain. <i>Nucleic Acids Research</i> , 2018, 46, 3088-3102.	14.5	10
2	Engineered kinesin motor proteins amenable to small-molecule inhibition. <i>Nature Communications</i> , 2016, 7, 11159.	12.8	28
3	Interplay between <i>E. coli</i> DnaK, ClpB and GrpE during Protein Disaggregation. <i>Journal of Molecular Biology</i> , 2015, 427, 312-327.	4.2	55
4	The Mechanochemical Cycle of Mammalian Kinesin-2 KIF3A/B under Load. <i>Current Biology</i> , 2015, 25, 1166-1175.	3.9	75
5	Hsp40s Specify Functions of Hsp104 and Hsp90 Protein Chaperone Machines. <i>PLoS Genetics</i> , 2014, 10, e1004720.	3.5	62
6	Transport by Populations of Fast and Slow Kinesins Uncovers Novel Family-Dependent Motor Characteristics Important for In Vivo Function. <i>Biophysical Journal</i> , 2014, 107, 1896-1904.	0.5	83
7	Estimating Velocity for Processive Motor Proteins with Random Detachment. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2013, 18, 204-217.	1.4	9
8	Interhead tension determines processivity across diverse N-terminal kinesins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16253-16258.	7.1	88
9	Neck Linker Length Determines the Degree of Processivity in Kinesin-1 and Kinesin-2 Motors. <i>Current Biology</i> , 2010, 20, 939-943.	3.9	110
10	The Processivity of Kinesin-2 Motors Suggests Diminished Front-Head Gating. <i>Current Biology</i> , 2009, 19, 442-447.	3.9	67