

Sheyum Syed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4618234/publications.pdf>

Version: 2024-02-01

17
papers

1,158
citations

840776

11
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

1429
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinesin and Dynein Move a Peroxisome in Vivo: A Tug-of-War or Coordinated Movement?. Science, 2005, 308, 1469-1472.	12.6	563
2	Defocused orientation and position imaging (DOPI) of myosin V. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6495-6499.	7.1	217
3	Adaptability of myosin V studied by simultaneous detection of position and orientation. EMBO Journal, 2006, 25, 1795-1803.	7.8	68
4	GSK-3 and CK2 Kinases Converge on Timeless to Regulate the Master Clock. Cell Reports, 2016, 16, 357-367.	6.4	65
5	Chronic social isolation signals starvation and reduces sleep in Drosophila. Nature, 2021, 597, 239-244.	27.8	44
6	Daytime colour preference in Drosophila depends on the circadian clock and TRP channels. Nature, 2019, 574, 108-111.	27.8	43
7	Kinetics of Doubletime Kinase-dependent Degradation of the Drosophila Period Protein. Journal of Biological Chemistry, 2011, 286, 27654-27662.	3.4	34
8	Improved Hidden Markov Models for Molecular Motors, Part 1: Basic Theory. Biophysical Journal, 2010, 99, 3684-3695.	0.5	31
9	Improved Hidden Markov Models for Molecular Motors, Part 2: Extensions and Application to Experimental Data. Biophysical Journal, 2010, 99, 3696-3703.	0.5	29
10	Automated analysis of long-term grooming behavior in Drosophila using a k-nearest neighbors classifier. ELife, 2018, 7, .	6.0	22
11	Synthesis in living cells with the assistance of supramolecular nanocarriers. RSC Advances, 2016, 6, 32441-32445.	3.6	11
12	Modeling the genetic basis for human sleep disorders in Drosophila. Communicative and Integrative Biology, 2013, 6, e22733.	1.4	9
13	A mathematical model provides mechanistic links to temporal patterns in Drosophila daily activity. BMC Neuroscience, 2016, 17, 14.	1.9	7
14	A Stochastic Burst Follows the Periodic Morning Peak in Individual Drosophila Locomotion. PLoS ONE, 2015, 10, e0140481.	2.5	6
15	Elevated preoptic brain activity in zebrafish glial glycine transporter mutants is linked to lethargy-like behaviors and delayed emergence from anesthesia. Scientific Reports, 2021, 11, 3148.	3.3	2
16	Behavioral Studies in Drosophila Models of Human Diseases. , 2022, , 13-23.		2
17	A Computational Method to Quantify Fly Circadian Activity. Journal of Visualized Experiments, 2017, , .	0.3	1