

Monika Scholz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8227875/publications.pdf>

Version: 2024-02-01

11
papers

424
citations

1307594

7
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	Microtubule dynamic instability: A new model with coupled GTP hydrolysis and multistep catastrophe. <i>BioEssays</i> , 2013, 35, 452-461.	2.5	148
2	Serotonin-dependent kinetics of feeding bursts underlie a graded response to food availability in <i>C. elegans</i> . <i>Nature Communications</i> , 2017, 8, 14221.	12.8	65
3	Decoding locomotion from population neural activity in moving <i>C. elegans</i> . <i>ELife</i> , 2021, 10, .	6.0	48
4	Disturbance Regimes Predictably Alter Diversity in an Ecologically Complex Bacterial System. <i>MBio</i> , 2016, 7, .	4.1	47
5	A scalable method for automatically measuring pharyngeal pumping in <i>C. elegans</i> . <i>Journal of Neuroscience Methods</i> , 2016, 274, 172-178.	2.5	31
6	Distinct unfolded protein responses mitigate or mediate effects of nonlethal deprivation of <i>C. elegans</i> sleep in different tissues. <i>BMC Biology</i> , 2017, 15, 67.	3.8	20
7	Stochastic feeding dynamics arise from the need for information and energy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9261-9266.	7.1	15
8	Tuning molecular motor transport through cytoskeletal filament network organization. <i>Soft Matter</i> , 2020, 16, 2135-2140.	2.7	11
9	The role of food odor in invertebrate foraging. <i>Genes, Brain and Behavior</i> , 2022, 21, e12793.	2.2	9
10	Cycling State that Can Lead to Glassy Dynamics in Intracellular Transport. <i>Physical Review X</i> , 2016, 6, .	8.9	8
11	Turning away from danger. <i>ELife</i> , 2020, 9, .	6.0	0