

Urko Del Castillo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4392415/publications.pdf>

Version: 2024-02-01

19
papers

489
citations

933447

10
h-index

940533

16
g-index

24
all docs

24
docs citations

24
times ranked

688
citing authors

#	ARTICLE	IF	CITATIONS
1	Responses of aerobic microbial communities and soil respiration to water-level drawdown in a northern boreal fen. <i>Environmental Microbiology</i> , 2008, 10, 339-353.	3.8	108
2	Interplay between kinesin-1 and cortical dynein during axonal outgrowth and microtubule organization in <i>Drosophila</i> neurons. <i>ELife</i> , 2015, 4, e10140.	6.0	86
3	DnaK-mediated association of ClpB to protein aggregates. A chaperone network at the aggregate surface. <i>FEBS Letters</i> , 2009, 583, 2991-2996.	2.8	63
4	Pavarotti/MKLP1 Regulates Microtubule Sliding and Neurite Outgrowth in <i>Drosophila</i> Neurons. <i>Current Biology</i> , 2015, 25, 200-205.	3.9	56
5	Nucleotide utilization requirements that render ClpB active as a chaperone. <i>FEBS Letters</i> , 2010, 584, 929-934.	2.8	29
6	Unconventional Roles of Cytoskeletal Mitotic Machinery in Neurodevelopment. <i>Trends in Cell Biology</i> , 2019, 29, 901-911.	7.9	23
7	Allosteric Communication between the Nucleotide Binding Domains of Caseinolytic Peptidase B. <i>Journal of Biological Chemistry</i> , 2011, 286, 25547-25555.	3.4	22
8	Microtubule Dynamics, Kinesin-1 Sliding, and Dynein Action Drive Growth of Cell Processes. <i>Biophysical Journal</i> , 2018, 115, 1614-1624.	0.5	19
9	Conserved role for Ataxin-2 in mediating endoplasmic reticulum dynamics. <i>Traffic</i> , 2019, 20, 436-447.	2.7	17
10	Organelle Transport in Cultured <i>Drosophila</i> Cells: S2 Cell Line and Primary Neurons.. <i>Journal of Visualized Experiments</i> , 2013, , e50838.	0.3	16
11	Kinetochores control microtubule polarity in <i>Drosophila</i> axons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12155-12163.	7.1	12
12	Ser/Thr kinase Trc controls neurite outgrowth in <i>Drosophila</i> by modulating microtubule-microtubule sliding. <i>ELife</i> , 2020, 9, .	6.0	9
13	Effects of iron on Vitamin C/copper-induced hydroxyl radical generation in bicarbonate-rich water. <i>Free Radical Research</i> , 2005, 39, 565-570.	3.3	7
14	Sedimentation Equilibrium Analysis of ClpB Self-Association in Diluted and Crowded Solutions. <i>Methods in Enzymology</i> , 2015, 562, 135-160.	1.0	6
15	CLIP-170S is a microtubule-TIP variant that confers resistance to taxanes by impairing drug-target engagement. <i>Developmental Cell</i> , 2021, 56, 3264-3275.e7.	7.0	5
16	The small molecule AMBMP disrupts microtubule growth, ciliogenesis, cell polarity, and cell migration. <i>Cytoskeleton</i> , 2018, 75, 450-457.	2.0	4
17	Ataxin-2 is essential for cytoskeletal dynamics and neurodevelopment in <i>Drosophila</i> . <i>IScience</i> , 2022, 25, 103536.	4.1	2
18	Corrigendum to "DnaK-mediated association of ClpB to protein aggregates. A chaperone network at the aggregate surface" [FEBS Lett. 583 (2009) 2991-2996]. <i>FEBS Letters</i> , 2009, 583, 3301-3301.	2.8	0

#	ARTICLE	IF	CITATIONS
19	Cover Image, Volume 75, Issue 10. Cytoskeleton, 2018, 75, C4-C4.	2.0	0