

Ivo A Telley

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,769
citations

566801

15
h-index

642321

23
g-index

32
all docs

32
docs citations

32
times ranked

1869
citing authors

#	ARTICLE	IF	CITATIONS
1	A Minimal Midzone Protein Module Controls Formation and Length of Antiparallel Microtubule Overlaps. <i>Cell</i> , 2010, 142, 420-432.	13.5	282
2	CLIP-170 tracks growing microtubule ends by dynamically recognizing composite EB1/tubulin-binding sites. <i>Journal of Cell Biology</i> , 2008, 183, 1223-1233.	2.3	269
3	Directional Switching of the Kinesin Cin8 Through Motor Coupling. <i>Science</i> , 2011, 332, 94-99.	6.0	163
4	Half-Sarcomere Dynamics in Myofibrils during Activation and Relaxation Studied by Tracking Fluorescent Markers. <i>Biophysical Journal</i> , 2006, 90, 514-530.	0.2	115
5	Obstacles on the Microtubule Reduce the Processivity of Kinesin-1 in a Minimal In Vitro System and in Cell Extract. <i>Biophysical Journal</i> , 2009, 96, 3341-3353.	0.2	114
6	Fluorescence Microscopy Assays on Chemically Functionalized Surfaces for Quantitative Imaging of Microtubule, Motor, and +TIP Dynamics. <i>Methods in Cell Biology</i> , 2010, 95, 555-580.	0.5	108
7	Processive kinesins require loose mechanical coupling for efficient collective motility. <i>EMBO Reports</i> , 2008, 9, 1121-1127.	2.0	105
8	<i>Drosophila</i> Enscosin Promotes Productive Recruitment of Kinesin-1 to Microtubules. <i>Developmental Cell</i> , 2008, 15, 866-876.	3.1	91
9	Effect of electrical stimulation-induced cycling on bone mineral density in spinal cord-injured patients. <i>European Journal of Clinical Investigation</i> , 2003, 33, 412-419.	1.7	90
10	Dynamic behaviour of half-sarcomeres during and after stretch in activated rabbit psoas myofibrils: sarcomere asymmetry but no "sarcomere popping". <i>Journal of Physiology</i> , 2006, 573, 173-185.	1.3	90
11	Aster migration determines the length scale of nuclear separation in the <i>Drosophila</i> syncytial embryo. <i>Journal of Cell Biology</i> , 2012, 197, 887-895.	2.3	88
12	Sarcomere dynamics during muscular contraction and their implications to muscle function. <i>Journal of Muscle Research and Cell Motility</i> , 2007, 28, 89-104.	0.9	40
13	Robust gap repair in the contractile ring ensures timely completion of cytokinesis. <i>Journal of Cell Biology</i> , 2016, 215, 789-799.	2.3	35
14	A multisegmental cross-bridge kinetics model of the myofibril. <i>Journal of Theoretical Biology</i> , 2009, 259, 714-726.	0.8	30
15	Reconstitution and Quantification of Dynamic Microtubule End Tracking In Vitro Using TIRF Microscopy. <i>Methods in Molecular Biology</i> , 2011, 777, 127-145.	0.4	24
16	Plk4 triggers autonomous de novo centriole biogenesis and maturation. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	22
17	Cytoskeletal mechanics and dynamics in the <i>Drosophila</i> syncytial embryo. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	18
18	A single <i>Drosophila</i> embryo extract for the study of mitosis ex vivo. <i>Nature Protocols</i> , 2013, 8, 310-324.	5.5	16

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19	Aster repulsion drives short-ranged ordering in the <i>Drosophila</i> syncytial blastoderm. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	16
20	Nuclear positioning during development: Pushing, pulling and flowing. <i>Seminars in Cell and Developmental Biology</i> , 2021, 120, 10-21.	2.3	15
21	Astral microtubule cross-linking safeguards uniform nuclear distribution in the <i>Drosophila</i> syncytium. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	14
22	A cell-free system of <i>Drosophila</i> egg explants supporting native mitotic cycles. <i>Methods in Cell Biology</i> , 2018, 144, 233-257.	0.5	10
23	Reply from I. A. Telley, R. Stehle, K. W. Ranatunga, G. Pfitzer, E. Stassi and J. Denoth. <i>Journal of Physiology</i> , 2006, 574, 629-630.	1.3	1
24	Astral Microtubule Crosslinking by Feo Safeguards Uniform Nuclear Distribution In The <i>Drosophila</i> Syncytium. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1