

Mark J Dayel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7512808/publications.pdf>

Version: 2024-02-01

11
papers

1,034
citations

1162367

8
h-index

1473754

9
g-index

11
all docs

11
docs citations

11
times ranked

1212
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion of Green Fluorescent Protein in the Aqueous-Phase Lumen of Endoplasmic Reticulum. Biophysical Journal, 1999, 76, 2843-2851.	0.2	290
2	Cell differentiation and morphogenesis in the colony-forming choanoflagellate <i>Salpingoeca rosetta</i> . Developmental Biology, 2011, 357, 73-82.	0.9	216
3	Multicellular development in a choanoflagellate. Current Biology, 2010, 20, R875-R876.	1.8	132
4	Arp2/3 complex requires hydrolyzable ATP for nucleation of new actin filaments. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 14871-14876.	3.3	94
5	Activation of Arp2/3 Complex: Addition of the First Subunit of the New Filament by a WASP Protein Triggers Rapid ATP Hydrolysis on Arp2. PLoS Biology, 2004, 2, e91.	2.6	77
6	Cooperatively Generated Stresslet Flows Supply Fresh Fluid to Multicellular Choanoflagellate Colonies. Physical Review Letters, 2013, 110, 228104.	2.9	76
7	Prey Capture and Phagocytosis in the Choanoflagellate <i>Salpingoeca rosetta</i> . PLoS ONE, 2014, 9, e95577.	1.1	64
8	In Silico Reconstitution of Actin-Based Symmetry Breaking and Motility. PLoS Biology, 2009, 7, e1000201.	2.6	61
9	Genomic, phylogenetic, and cell biological insights into metazoan origins. , 2009, , 24-32.		16
10	Whole-field fluorescence lifetime imaging with picosecond resolution using ultrafast 10-kHz solid-state amplifier technology. IEEE Journal of Selected Topics in Quantum Electronics, 1998, 4, 370-375.	1.9	8
11	<title>Two-dimensional fluorescence lifetime imaging for in-vitro and in-vivo application</title>. , 1998, 3250, 150.		0