

Mark J Dayel

List of Publications by Year in descending order

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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 | Prey Capture and Phagocytosis in the Choanoflagellate <i>Salpingoeca rosetta</i> . PLoS ONE, 2014, 9, e95577. | 1.1 | 64 |
| 2 | Cooperatively Generated Stresslet Flows Supply Fresh Fluid to Multicellular Choanoflagellate Colonies. Physical Review Letters, 2013, 110, 228104. | 2.9 | 76 |
| 3 | Cell differentiation and morphogenesis in the colony-forming choanoflagellate <i>Salpingoeca rosetta</i> . Developmental Biology, 2011, 357, 73-82. | 0.9 | 216 |
| 4 | Multicellular development in a choanoflagellate. Current Biology, 2010, 20, R875-R876. | 1.8 | 132 |
| 5 | In Silico Reconstitution of Actin-Based Symmetry Breaking and Motility. PLoS Biology, 2009, 7, e1000201. | 2.6 | 61 |
| 6 | Genomic, phylogenetic, and cell biological insights into metazoan origins. , 2009, , 24-32. | | 16 |
| 7 | 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 |
| 8 | 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 |
| 9 | Diffusion of Green Fluorescent Protein in the Aqueous-Phase Lumen of Endoplasmic Reticulum. Biophysical Journal, 1999, 76, 2843-2851. | 0.2 | 290 |
| 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 |