

Damian Brunner

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,259
citations

840119

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1125271

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docs citations

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times ranked

1408
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsed Forces Timed by a Ratchet-like Mechanism Drive Directed Tissue Movement during Dorsal Closure. <i>Cell</i> , 2009, 137, 1331-1342.	13.5	473
2	CLIP170-like tip1p Spatially Organizes Microtubular Dynamics in Fission Yeast. <i>Cell</i> , 2000, 102, 695-704.	13.5	262
3	Transiently Reorganized Microtubules Are Essential for Zippering during Dorsal Closure in <i>Drosophila melanogaster</i> . <i>Developmental Cell</i> , 2006, 11, 375-385.	3.1	125
4	Structural analysis of multicellular organisms with cryo-electron tomography. <i>Nature Methods</i> , 2015, 12, 634-636.	9.0	85
5	Amnioserosa cell constriction but not epidermal actin cable tension autonomously drives dorsal closure. <i>Nature Cell Biology</i> , 2016, 18, 1161-1172.	4.6	74
6	Force- and length-dependent catastrophe activities explain interphase microtubule organization in fission yeast. <i>Molecular Systems Biology</i> , 2009, 5, 241.	3.2	68
7	Quantitative analysis of cytoskeletal reorganization during epithelial tissue sealing by large-volume electron tomography. <i>Nature Cell Biology</i> , 2015, 17, 605-614.	4.6	45
8	Sterol-Rich Membrane Domains Define Fission Yeast Cell Polarity. <i>Cell</i> , 2016, 165, 1182-1196.	13.5	39
9	Cell polarity in fission yeast: A matter of confining, positioning, and switching growth zones. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 799-805.	2.3	38
10	Reversible solidification of fission yeast cytoplasm after prolonged nutrient starvation. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	16
11	SnapShot: Mechanical Forces in Development I. <i>Cell</i> , 2016, 165, 754-754.e1.	13.5	15
12	SnapShot: Mechanical Forces in Development II. <i>Cell</i> , 2016, 165, 1028-1028.e1.	13.5	14
13	Glucose starvation triggers filamentous septin assemblies in an <i>S. pombe</i> septin-2 deletion mutant. <i>Biology Open</i> , 2019, 8, .	0.6	5