

Tim Davies

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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470
citing authors

#	ARTICLE	IF	CITATIONS
1	Aurora B and 14-3-3 Coordinately Regulate Clustering of Centralspindlin during Cytokinesis. <i>Current Biology</i> , 2010, 20, 927-933.	3.9	128
2	High-Resolution Temporal Analysis Reveals a Functional Timeline for the Molecular Regulation of Cytokinesis. <i>Developmental Cell</i> , 2014, 30, 209-223.	7.0	90
3	Cortical PAR polarity proteins promote robust cytokinesis during asymmetric cell division. <i>Journal of Cell Biology</i> , 2016, 212, 39-49.	5.2	54
4	CYK4 Promotes Antiparallel Microtubule Bundling by Optimizing MKLP1 Neck Conformation. <i>PLoS Biology</i> , 2015, 13, e1002121.	5.6	37
5	Cell-intrinsic and -extrinsic mechanisms promote cell-type-specific cytokinetic diversity. <i>ELife</i> , 2018, 7, .	6.0	27
6	FLIRT: fast local infrared thermogenetics for subcellular control of protein function. <i>Nature Methods</i> , 2018, 15, 921-923.	19.0	22
7	CYK4 relaxes the bias in the off-axis motion by MKLP1 kinesin-6. <i>Communications Biology</i> , 2021, 4, 180.	4.4	16
8	Stuck in the middle: Rac, adhesion, and cytokinesis. <i>Journal of Cell Biology</i> , 2012, 198, 769-771.	5.2	10
9	Low Efficiency Upconversion Nanoparticles for High-Resolution Coalignment of Near-Infrared and Visible Light Paths on a Light Microscope. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7929-7940.	8.0	6
10	Cell polarity is on PAR with cytokinesis. <i>Cell Cycle</i> , 2016, 15, 1307-1308.	2.6	5
11	<sc>FHOD</sc> is the only formin in <i>Caenorhabditis elegans</i> that promotes striated muscle growth and Z-line organization in a cell autonomous manner. <i>Cytoskeleton</i> , 2020, 77, 422-441.	2.0	4