

Thomas J Maresca

List of Publications by Year in descending order

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43
papers

1,763
citations

430754

18
h-index

315616

38
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47
all docs

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docs citations

47
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	The microtubule- and PP1-binding activities of <i>Drosophila melanogaster</i> Spc105 control the kinetics of SAC satisfaction. <i>Molecular Biology of the Cell</i> , 2022, 33, ar1.	0.9	5
2	A celebration of the 25th anniversary of chromatin-mediated spindle assembly. <i>Molecular Biology of the Cell</i> , 2022, 33, rt1.	0.9	4
3	Cell Division The Kinetochore. , 2021, , 78-88.		0
4	Live-cell FLIM-FRET using a commercially available system. <i>Methods in Cell Biology</i> , 2020, 158, 63-89.	0.5	2
5	The whole is greater than the sum of its parts: at the intersection of order, disorder, and kinetochore function. <i>Essays in Biochemistry</i> , 2020, 64, 349-358.	2.1	9
6	Classical and Emerging Regulatory Mechanisms of Cytokinesis in Animal Cells. <i>Biology</i> , 2019, 8, 55.	1.3	22
7	Direct observation of branching MT nucleation in living animal cells. <i>Journal of Cell Biology</i> , 2019, 218, 2829-2840.	2.3	36
8	FRET-based sensor for CaMKII activity (FRESCA): A useful tool for assessing CaMKII activity in response to Ca ²⁺ oscillations in live cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 11876-11891.	1.6	13
9	Microtubule plus-ends act as physical signaling hubs to activate RhoA during cytokinesis. <i>ELife</i> , 2019, 8, .	2.8	28
10	Spatiotemporal control of mitotic exit during anaphase by an aurora B-Cdk1 crosstalk. <i>ELife</i> , 2019, 8, .	2.8	39
11	Cover Image, Volume 75, Issue 12. <i>Cytoskeleton</i> , 2018, 75, C4.	1.0	0
12	NOD is a plus end-directed motor that binds EB1 via a new microtubule tip localization sequence. <i>Journal of Cell Biology</i> , 2018, 217, 3007-3017.	2.3	14
13	Cell Division: Here Comes the Kinesin Cavalry. <i>Current Biology</i> , 2018, 28, R943-R946.	1.8	0
14	Creation and testing of a new, local microtubule disruption tool based on the microtubule severing enzyme, katanin p60. <i>Cytoskeleton</i> , 2018, 75, 531-544.	1.0	2
15	Measuring mitotic forces. <i>Methods in Cell Biology</i> , 2018, 144, 165-184.	0.5	5
16	Aurora A Kinase Amplifies a Midzone Phosphorylation Gradient to Promote High-Fidelity Cytokinesis. <i>Biological Bulletin</i> , 2016, 231, 61-72.	0.7	6
17	Chromosome biorientation produces hundreds of piconewtons at a metazoan kinetochore. <i>Nature Communications</i> , 2016, 7, 13221.	5.8	44
18	Generating a "Humanized" <i>Drosophila</i> S2 Cell Line Sensitive to Pharmacological Inhibition of Kinesin-5. <i>Journal of Visualized Experiments</i> , 2016, , e53594.	0.2	1

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19	It's all relative: Centromere- versus pole-based error correction. <i>Cell Cycle</i> , 2015, 14, 3777-3778.	1.3	2
20	Aurora A Kinase Contributes to a Pole-Based Error Correction Pathway. <i>Current Biology</i> , 2015, 25, 1842-1851.	1.8	107
21	Polar Ejection Forces Promote the Conversion from Lateral to End-on Kinetochore-Microtubule Attachments on Mono-oriented Chromosomes. <i>Cell Reports</i> , 2015, 13, 460-468.	2.9	36
22	Cell Division: The Prehistorichore?. <i>Current Biology</i> , 2014, 24, R529-R532.	1.8	0
23	Chromosome Segregation: Not to Put Too Fine a Point (Centromere) On It. <i>Current Biology</i> , 2013, 23, R875-R878.	1.8	4
24	Elevated polar ejection forces stabilize kinetochore-microtubule attachments. <i>Journal of Cell Biology</i> , 2013, 200, 203-218.	2.3	74
25	Cell Division: Kinetochores SKAdaddle. <i>Current Biology</i> , 2013, 23, R122-R124.	1.8	6
26	Insights from an erroneous kinetochore-microtubule attachment state. <i>Bioarchitecture</i> , 2013, 3, 69-76.	1.5	5
27	Development of a Drosophila Cell-Based Error Correction Assay. <i>Frontiers in Oncology</i> , 2013, 3, 187.	1.3	7
28	Stepping into a tense relationship: Mechano-molecular regulation of cell division by force. <i>FASEB Journal</i> , 2013, 27, 80.1.	0.2	0
29	Balancing the kinetochore ledger. <i>Journal of Cell Biology</i> , 2012, 198, 477-479.	2.3	1
30	Chromosome Segregation: A Kinetochore Missing Link Is Found. <i>Current Biology</i> , 2011, 21, R261-R263.	1.8	1
31	Cell Division: Aurora B Illuminates a Checkpoint Pathway. <i>Current Biology</i> , 2011, 21, R557-R559.	1.8	8
32	Welcome to a new kind of tension: translating kinetochore mechanics into a wait-anaphase signal. <i>Journal of Cell Science</i> , 2010, 123, 825-835.	1.2	152
33	Functional Overlap of Microtubule Assembly Factors in Chromatin-Promoted Spindle Assembly. <i>Molecular Biology of the Cell</i> , 2009, 20, 2766-2773.	0.9	38
34	Intrakinetochore stretch is associated with changes in kinetochore phosphorylation and spindle assembly checkpoint activity. <i>Journal of Cell Biology</i> , 2009, 184, 373-381.	2.3	220
35	Spindle Fusion Requires Dynein-Mediated Sliding of Oppositely Oriented Microtubules. <i>Current Biology</i> , 2009, 19, 287-296.	1.8	75
36	Spindle Assembly in the Absence of a RanGTP Gradient Requires Localized CPC Activity. <i>Current Biology</i> , 2009, 19, 1210-1215.	1.8	86

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37	Xenopus tropicalis egg extracts provide insight into scaling of the mitotic spindle. Journal of Cell Biology, 2007, 176, 765-770.	2.3	110
38	The Long and the Short of it: Linker Histone H1 is Required for Metaphase Chromosome Compaction. Cell Cycle, 2006, 5, 589-591.	1.3	26
39	Xnf7 Contributes to Spindle Integrity through Its Microtubule-Bundling Activity. Current Biology, 2005, 15, 1755-1761.	1.8	29
40	Histone H1 is essential for mitotic chromosome architecture and segregation in Xenopus laevis egg extracts. Journal of Cell Biology, 2005, 169, 859-869.	2.3	116
41	Chromosome Congression: Another Fine Mesh Weâ€™ve Gotten into. Developmental Cell, 2005, 9, 314-315.	3.1	1
42	The condensin complex is required for proper spindle assembly and chromosome segregation in Xenopus egg extracts. Journal of Cell Biology, 2003, 161, 1041-1051.	2.3	52
43	Importin Î² Is a Mitotic Target of the Small GTPase Ran in Spindle Assembly. Cell, 2001, 104, 95-106.	13.5	373