

Mary Ecke

List of Publications by Citations

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Version: 2023-05-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

519
citations

9
h-index

19
g-index

19
ext. papers

616
ext. citations

3.5
avg, IF

3.5
L-index

#	Paper	IF	Citations
17	Mobile actin clusters and traveling waves in cells recovering from actin depolymerization. <i>Biophysical Journal</i> , 2004 , 87, 3493-503	0.5	150
16	PIP3 waves and PTEN dynamics in the emergence of cell polarity. <i>Biophysical Journal</i> , 2012 , 103, 1170-8	0.5	60
15	Actin and PIP3 waves in giant cells reveal the inherent length scale of an excited state. <i>Journal of Cell Science</i> , 2014 , 127, 4507-17	5.1	57
14	Self-organizing actin waves as planar phagocytic cup structures. <i>Cell Adhesion and Migration</i> , 2009 , 3, 373-82	3.1	53
13	Propagating waves separate two states of actin organization in living cells. <i>HFSP Journal</i> , 2009 , 3, 412-27		48
12	Actin Organization in Cells Responding to a Perforated Surface, Revealed by Live Imaging and Cryo-Electron Tomography. <i>Structure</i> , 2016 , 24, 1031-43	5	38
11	The Architecture of Traveling Actin Waves Revealed by Cryo-Electron Tomography. <i>Structure</i> , 2019 , 27, 1211-1223.e5	5	28
10	Reversible membrane pearling in live cells upon destruction of the actin cortex. <i>Biophysical Journal</i> , 2014 , 106, 1079-91	0.5	21
9	Membrane and actin reorganization in electropulse-induced cell fusion. <i>Journal of Cell Science</i> , 2013 , 126, 2069-78	5.1	20
8	Oscillatory Switches of Dorso-Ventral Polarity in Cells Confined between Two Surfaces. <i>Biophysical Journal</i> , 2018 , 115, 150-162	0.5	8
7	Local Ras activation, PTEN pattern, and global actin flow in the chemotactic responses of oversized cells. <i>Journal of Cell Science</i> , 2016 , 129, 3462-72	5.1	8
6	Wave Patterns in Cell Membrane and Actin Cortex Uncoupled from Chemotactic Signals. <i>Methods in Molecular Biology</i> , 2016 , 1407, 79-96	1.4	7
5	Co-existence of Ras activation in a chemotactic signal transduction pathway and in an autonomous wave-forming system. <i>Small GTPases</i> , 2019 , 10, 72-80	2.6	7
4	Actin Waves and Dynamic Patterning of the Plasma Membrane. <i>Yale Journal of Biology and Medicine</i> , 2019 , 92, 397-411	2.3	6
3	Formins specify membrane patterns generated by propagating actin waves. <i>Molecular Biology of the Cell</i> , 2020 , 31, 373-385	3.4	3
2	Unilateral Cleavage Furrows in Multinucleate Cells. <i>Cells</i> , 2020 , 9,	7.6	2
1	Decision Making in Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1246, 71-81	3.4	

