

Mary Ecke

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

699
citations

932766

10
h-index

839053

18
g-index

19
all docs

19
docs citations

19
times ranked

573
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobile Actin Clusters and Traveling Waves in Cells Recovering from Actin Depolymerization. Biophysical Journal, 2004, 87, 3493-3503.	0.2	179
2	Actin and PIP3 waves in giant cells reveal the inherent length scale of an excited state. Journal of Cell Science, 2014, 127, 4507-17.	1.2	83
3	PIP3 Waves and PTEN Dynamics in the Emergence of Cell Polarity. Biophysical Journal, 2012, 103, 1170-1178.	0.2	76
4	Self-organizing actin waves as planar phagocytic cup structures. Cell Adhesion and Migration, 2009, 3, 373-382.	1.1	68
5	Propagating waves separate two states of actin organization in living cells. HFSP Journal, 2009, 3, 412-427.	2.5	57
6	The Architecture of Traveling Actin Waves Revealed by Cryo-Electron Tomography. Structure, 2019, 27, 1211-1223.e5.	1.6	53
7	Actin Organization in Cells Responding to a Perforated Surface, Revealed by Live Imaging and Cryo-Electron Tomography. Structure, 2016, 24, 1031-1043.	1.6	50
8	Membrane and actin reorganization in electropulse-induced cell fusion. Journal of Cell Science, 2013, 126, 2069-78.	1.2	30
9	Reversible Membrane Pearling in Live Cells upon Destruction of the Actin Cortex. Biophysical Journal, 2014, 106, 1079-1091.	0.2	27
10	Local Ras activation, PTEN pattern, and global actin flow in the chemotactic responses of over-sized cells. Journal of Cell Science, 2016, 129, 3462-72.	1.2	15
11	Formins specify membrane patterns generated by propagating actin waves. Molecular Biology of the Cell, 2020, 31, 373-385.	0.9	12
12	Oscillatory Switches of Dorso-Ventral Polarity in Cells Confined between Two Surfaces. Biophysical Journal, 2018, 115, 150-162.	0.2	11
13	Co-existence of Ras activation in a chemotactic signal transduction pathway and in an autonomous wave - forming system. Small GTPases, 2019, 10, 72-80.	0.7	11
14	Wave Patterns in Cell Membrane and Actin Cortex Uncoupled from Chemotactic Signals. Methods in Molecular Biology, 2016, 1407, 79-96.	0.4	8
15	Unilateral Cleavage Furrows in Multinucleate Cells. Cells, 2020, 9, 1493.	1.8	8
16	Actin Waves and Dynamic Patterning of the Plasma Membrane. Yale Journal of Biology and Medicine, 2019, 92, 397-411.	0.2	6
17	Patterning of the cell cortex and the localization of cleavage furrows in multi-nucleate cells. Journal of Cell Science, 2022, 135, .	1.2	4
18	Genetic Instability Due to Spindle Anomalies Visualized in Mutants of Dictyostelium. Cells, 2021, 10, 2240.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Decision Making in Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1246, 71-81.	0.8	0