

Christine M Field

List of Publications by Year in descending order

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30
papers

2,772
citations

394421

19
h-index

477307

29
g-index

35
all docs

35
docs citations

35
times ranked

2818
citing authors

#	ARTICLE	IF	CITATIONS
1	Animal Cytokinesis: From Parts List to Mechanisms. Annual Review of Biochemistry, 2006, 75, 543-566.	11.1	397
2	A Quantitative Analysis of Contractility in Active Cytoskeletal Protein Networks. Biophysical Journal, 2008, 94, 3126-3136.	0.5	274
3	Functional Analysis of a Human Homologue of the Drosophila Actin Binding Protein Anillin Suggests a Role in Cytokinesis. Journal of Cell Biology, 2000, 150, 539-552.	5.2	270
4	Lava Lamp, a Novel Peripheral Golgi Protein, Is Required for Drosophila melanogaster Cellularization. Journal of Cell Biology, 2000, 151, 905-918.	5.2	267
5	Anillin Binds Nonmuscle Myosin II and Regulates the Contractile Ring. Molecular Biology of the Cell, 2005, 16, 193-201.	2.1	245
6	KIF4 Regulates Midzone Length during Cytokinesis. Current Biology, 2011, 21, 815-824.	3.9	142
7	Characterization of anillin mutants reveals essential roles in septin localization and plasma membrane integrity. Development (Cambridge), 2005, 132, 2849-2860.	2.5	129
8	Spatial organization of cytokinesis signaling reconstituted in a cell-free system. Science, 2014, 346, 244-247.	12.6	114
9	Cell polarization during monopolar cytokinesis. Journal of Cell Biology, 2008, 181, 195-202.	5.2	111
10	Multiple mechanisms determine ER network morphology during the cell cycle in <i>Xenopus</i> egg extracts. Journal of Cell Biology, 2013, 203, 801-814.	5.2	85
11	Growth, interaction, and positioning of microtubule asters in extremely large vertebrate embryo cells. Cytoskeleton, 2012, 69, 738-750.	2.0	84
12	Microtubule nucleation remote from centrosomes may explain how asters span large cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17715-17722.	7.1	82
13	Bulk Cytoplasmic Actin and Its Functions in Meiosis and Mitosis. Current Biology, 2011, 21, R825-R830.	3.9	78
14	Binding Partner Switching on Microtubules and Aurora-B in the Mitosis to Cytokinesis Transition. Molecular and Cellular Proteomics, 2010, 9, 336-350.	3.8	76
15	Filamin Is Required for Ring Canal Assembly and Actin Organization during Drosophila Oogenesis. Journal of Cell Biology, 1999, 146, 1061-1074.	5.2	73
16	Actin behavior in bulk cytoplasm is cell cycle regulated in early vertebrate embryos. Journal of Cell Science, 2011, 124, 2086-2095.	2.0	69
17	Unconventional Cell Division Cycles from Marine-Derived Yeasts. Current Biology, 2019, 29, 3439-3456.e5.	3.9	37
18	Xenopus Egg Cytoplasm with Intact Actin. Methods in Enzymology, 2014, 540, 399-415.	1.0	34

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19	Organization of early frog embryos by chemical waves emanating from centrosomes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130454.	4.0	33
20	Co-movement of astral microtubules, organelles and F-actin by dynein and actomyosin forces in frog egg cytoplasm. ELife, 2020, 9, .	6.0	29
21	Spindle-to-cortex communication in cleaving, polyspermic <i>Xenopus</i> eggs. Molecular Biology of the Cell, 2015, 26, 3628-3640.	2.1	27
22	Disassembly of Actin and Keratin Networks by Aurora B Kinase at the Midplane of Cleaving <i>Xenopus laevis</i> Eggs. Current Biology, 2019, 29, 1999-2008.e4.	3.9	23
23	Self-Organization of Cellular Units. Annual Review of Cell and Developmental Biology, 2021, 37, 23-41.	9.4	20
24	Using supported bilayers to study the spatiotemporal organization of membrane-bound proteins. Methods in Cell Biology, 2015, 128, 223-241.	1.1	16
25	Glycogen-Supplemented Mitotic Cytosol for Analyzing <i>Xenopus</i> Egg Microtubule Organization. Methods in Enzymology, 2014, 540, 417-433.	1.0	15
26	Rho and F-actin self-organize within an artificial cell cortex. Current Biology, 2021, 31, 5613-5621.e5.	3.9	13
27	Assembly of Spindles and Asters in <i>Xenopus</i> Egg Extracts. Cold Spring Harbor Protocols, 2018, 2018, pdb.prot099796.	0.3	11
28	Spindle-to-Cortex Communication in Cleaving Frog Eggs. Cold Spring Harbor Symposia on Quantitative Biology, 2017, 82, 165-171.	1.1	4
29	Septins in the Metazoan Model Systems <i>Drosophila Melanogaster</i> and <i>Caenorhabditis Elegans</i> . , 0, , 147-168.		3
30	Toward synthetic cells. Science, 2019, 366, 569-570.	12.6	3