

Binyam Mogessie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2731224/publications.pdf>

Version: 2024-02-01

17
papers

954
citations

1040056

9
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

1516
citing authors

#	ARTICLE	IF	CITATIONS
1	The prophase oocyte nucleus is a homeostatic G-actin buffer. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	14
2	Cytoskeletal form and function in mammalian oocytes and zygotes. <i>Current Opinion in Cell Biology</i> , 2022, 75, 102073.	5.4	12
3	Two mechanisms drive pronuclear migration in mouse zygotes. <i>Nature Communications</i> , 2021, 12, 841.	12.8	38
4	Seeing is believing: Representation as a powerful tool in the fight against racism in science. <i>Cell Stem Cell</i> , 2021, 28, 793-795.	11.1	1
5	Visualization and Functional Analysis of Spindle Actin and Chromosome Segregation in Mammalian Oocytes. <i>Methods in Molecular Biology</i> , 2020, 2101, 267-295.	0.9	5
6	Advances and surprises in a decade of oocyte meiosis research. <i>Essays in Biochemistry</i> , 2020, 64, 263-275.	4.7	4
7	Conducting Chromatin Motion: Actin Dynamizes Contents of the Oocyte Nucleus. <i>Developmental Cell</i> , 2019, 51, 133-134.	7.0	1
8	Meeting report “Cell dynamics: organelle-cytoskeleton interface. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	2
9	Assembly and Positioning of the Oocyte Meiotic Spindle. <i>Annual Review of Cell and Developmental Biology</i> , 2018, 34, 381-403.	9.4	97
10	Actin protects mammalian eggs against chromosome segregation errors. <i>Science</i> , 2017, 357, .	12.6	127
11	A Method for the Acute and Rapid Degradation of Endogenous Proteins. <i>Cell</i> , 2017, 171, 1692-1706.e18.	28.9	342
12	A novel isoform of MAP4 organises the paraxial microtubule array required for muscle cell differentiation. <i>ELife</i> , 2015, 4, e05697.	6.0	43
13	Spire and Formin 2 Synergize and Antagonize in Regulating Actin Assembly in Meiosis by a Ping-Pong Mechanism. <i>PLoS Biology</i> , 2014, 12, e1001795.	5.6	76
14	Nuclear Envelope Breakdown: Actin™ Quick to Tear Down the Wall. <i>Current Biology</i> , 2014, 24, R605-R607.	3.9	5
15	Mechanical Properties of Doubly Stabilized Microtubule Filaments. <i>Biophysical Journal</i> , 2013, 104, 1517-1528.	0.5	78
16	Doubly-Stabilized Microtubule Mechanics. <i>Biophysical Journal</i> , 2013, 104, 144a.	0.5	0
17	MAP4 and CLASP1 operate as a safety mechanism to maintain a stable spindle position in mitosis. <i>Nature Cell Biology</i> , 2011, 13, 1040-1050.	10.3	108