

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 | A Method for the Acute and Rapid Degradation of Endogenous Proteins. <i>Cell</i> , 2017, 171, 1692-1706.e18. | 28.9 | 342 |
| 2 | Actin protects mammalian eggs against chromosome segregation errors. <i>Science</i> , 2017, 357, . | 12.6 | 127 |
| 3 | 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 |
| 4 | Assembly and Positioning of the Oocyte Meiotic Spindle. <i>Annual Review of Cell and Developmental Biology</i> , 2018, 34, 381-403. | 9.4 | 97 |
| 5 | Mechanical Properties of Doubly Stabilized Microtubule Filaments. <i>Biophysical Journal</i> , 2013, 104, 1517-1528. | 0.5 | 78 |
| 6 | 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 |
| 7 | A novel isoform of MAP4 organises the paraxial microtubule array required for muscle cell differentiation. <i>ELife</i> , 2015, 4, e05697. | 6.0 | 43 |
| 8 | Two mechanisms drive pronuclear migration in mouse zygotes. <i>Nature Communications</i> , 2021, 12, 841. | 12.8 | 38 |
| 9 | The prophase oocyte nucleus is a homeostatic G-actin buffer. <i>Journal of Cell Science</i> , 2022, 135, . | 2.0 | 14 |
| 10 | Cytoskeletal form and function in mammalian oocytes and zygotes. <i>Current Opinion in Cell Biology</i> , 2022, 75, 102073. | 5.4 | 12 |
| 11 | Nuclear Envelope Breakdown: Actin™ Quick to Tear Down the Wall. <i>Current Biology</i> , 2014, 24, R605-R607. | 3.9 | 5 |
| 12 | 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 |
| 13 | Advances and surprises in a decade of oocyte meiosis research. <i>Essays in Biochemistry</i> , 2020, 64, 263-275. | 4.7 | 4 |
| 14 | Meeting report “ Cell dynamics: organelle”cytoskeleton interface. <i>Journal of Cell Science</i> , 2019, 132, . | 2.0 | 2 |
| 15 | Conducting Chromatin Motion: Actin Dynamizes Contents of the Oocyte Nucleus. <i>Developmental Cell</i> , 2019, 51, 133-134. | 7.0 | 1 |
| 16 | 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 |
| 17 | Doubly-Stabilized Microtubule Mechanics. <i>Biophysical Journal</i> , 2013, 104, 144a. | 0.5 | 0 |