

Monica Gotta

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

4,830
citations

516710

16
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

5143
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Modeling protein dynamics in <i>Caenorhabditis elegans</i> embryos reveals that the PLK-1 gradient relies on weakly coupled reaction–diffusion mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2114205119. | 7.1 | 2 |
| 2 | Transgenerational inheritance of centromere identity requires the CENP-A N-terminal tail in the <i>C. elegans</i> maternal germ line. <i>PLoS Biology</i> , 2021, 19, e3000968. | 5.6 | 13 |
| 3 | PQN-59 and GTBP-1 contribute to stress granule formation but are not essential for their assembly in <i>C. elegans</i> embryos. <i>Journal of Cell Science</i> , 2021, 134, . | 2.0 | 6 |
| 4 | PQN-59 antagonizes microRNA-mediated repression during post-embryonic temporal patterning and modulates translation and stress granule formation in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2021, 17, e1009599. | 3.5 | 5 |
| 5 | Small-Molecule Modulators of the ATPase VCP/p97 Affect Specific p97 Cellular Functions. <i>ACS Chemical Biology</i> , 2020, 15, 243-253. | 3.4 | 13 |
| 6 | UBAP2L Forms Distinct Cores that Act in Nucleating Stress Granules Upstream of G3BP1. <i>Current Biology</i> , 2020, 30, 698-707.e6. | 3.9 | 85 |
| 7 | Cell polarity–dependent centrosome separation in the <i>C. elegans</i> embryo. <i>Journal of Cell Biology</i> , 2019, 218, 4112-4126. | 5.2 | 6 |
| 8 | p37/UBXN2B regulates spindle orientation by limiting cortical NuMA recruitment via PP1/Repo-Man. <i>Journal of Cell Biology</i> , 2018, 217, 483-493. | 5.2 | 12 |
| 9 | The Elephant in the Room: The Role of Microtubules in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1002, 93-124. | 1.6 | 48 |
| 10 | A Single-Cell Biochemistry Approach Reveals PAR Complex Dynamics during Cell Polarization. <i>Developmental Cell</i> , 2017, 42, 416-434.e11. | 7.0 | 139 |
| 11 | Cdk1 Phosphorylates SPAT-1/Bora to Promote Plk1 Activation in <i>C. elegans</i> and Human Cells. <i>Cell Reports</i> , 2016, 15, 510-518. | 6.4 | 45 |
| 12 | Compartmentalization of the endoplasmic reticulum in the early <i>C. elegans</i> embryos. <i>Journal of Cell Biology</i> , 2016, 214, 665-676. | 5.2 | 17 |
| 13 | BORA-dependent PLK1 regulation: A new weapon for cancer therapy?. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1199265. | 0.7 | 5 |
| 14 | Mitotic entry: The interplay between Cdk1, Plk1 and Bora. <i>Cell Cycle</i> , 2016, 15, 3177-3182. | 2.6 | 29 |
| 15 | Cdk1 phosphorylates SPAT-1/Bora to trigger PLK-1 activation and drive mitotic entry in <i>C. elegans</i> embryos. <i>Journal of Cell Biology</i> , 2015, 208, 661-669. | 5.2 | 50 |
| 16 | The TAO kinase KIN-18 regulates contractility and establishment of polarity in the <i>C. elegans</i> embryo. <i>Developmental Biology</i> , 2013, 373, 26-38. | 2.0 | 12 |
| 17 | The UBXN-2/p37/p47 adaptors of CDC-48/p97 regulate mitosis by limiting the centrosomal recruitment of Aurora A. <i>Journal of Cell Biology</i> , 2013, 201, 559-575. | 5.2 | 23 |
| 18 | Coordinating cell polarity and cell cycle progression: what can we learn from flies and worms?. <i>Open Biology</i> , 2013, 3, 130083. | 3.6 | 44 |

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|----|---|------|-----------|
| 19 | SPAT-1/Bora acts with Polo-like kinase 1 to regulate PAR polarity and cell cycle progression. <i>Development (Cambridge)</i> , 2010, 137, 3315-3325. | 2.5 | 50 |
| 20 | MAP Kinase Signaling Antagonizes PAR-1 Function During Polarization of the Early <i>Caenorhabditis elegans</i> Embryo. <i>Genetics</i> , 2009, 183, 965-977. | 2.9 | 22 |
| 21 | Heterotrimeric G protein signaling functions with dynein to promote spindle positioning in <i>C. elegans</i> . <i>Journal of Cell Biology</i> , 2007, 179, 15-22. | 5.2 | 114 |
| 22 | A Genomewide Screen for Suppressors of par-2 Uncovers Potential Regulators of PAR Protein-Dependent Cell Polarity in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2006, 174, 285-295. | 2.9 | 59 |
| 23 | Asymmetrically Distributed <i>C. elegans</i> Homologs of AGS3/PINS Control Spindle Position in the Early Embryo. <i>Current Biology</i> , 2003, 13, 1029-1037. | 3.9 | 229 |
| 24 | Systematic functional analysis of the <i>Caenorhabditis elegans</i> genome using RNAi. <i>Nature</i> , 2003, 421, 231-237. | 27.8 | 3,343 |
| 25 | Distinct roles for $G\hat{1}\pm$ and $G\hat{1}^{2\hat{1}3}$ in regulating spindle position and orientation in <i>Caenorhabditis elegans</i> embryos. <i>Nature Cell Biology</i> , 2001, 3, 297-300. | 10.3 | 252 |
| 26 | CDC-42 controls early cell polarity and spindle orientation in <i>C. elegans</i> . <i>Current Biology</i> , 2001, 11, 482-488. | 3.9 | 205 |