

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	Systematic functional analysis of the <i>Caenorhabditis elegans</i> genome using RNAi. <i>Nature</i> , 2003, 421, 231-237.	27.8	3,343
2	Distinct roles for $G\alpha^+$ and $G\alpha^3$ in regulating spindle position and orientation in <i>Caenorhabditis elegans</i> embryos. <i>Nature Cell Biology</i> , 2001, 3, 297-300.	10.3	252
3	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
4	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
5	A Single-Cell Biochemistry Approach Reveals PAR Complex Dynamics during Cell Polarization. <i>Developmental Cell</i> , 2017, 42, 416-434.e11.	7.0	139
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	Mitotic entry: The interplay between Cdk1, Plk1 and Bora. <i>Cell Cycle</i> , 2016, 15, 3177-3182.	2.6	29
15	The UBXLN-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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	BORA-dependent PLK1 regulation: A new weapon for cancer therapy?. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1199265.	0.7	5
25	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
26	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