

Swathi Arur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5717663/publications.pdf>

Version: 2024-02-01

31
papers

1,383
citations

623734

14
h-index

477307

29
g-index

34
all docs

34
docs citations

34
times ranked

1644
citing authors

#	ARTICLE	IF	CITATIONS
1	Reevaluation of the role of LIP-1 as an ERK/MPK-1 dual specificity phosphatase in the <i>C. elegans</i> germline. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	2
2	Phosphorylation of HORMA-domain protein HTP-3 at Serine 285 is dispensable for crossover formation. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	6
3	The microRNA processor <i>DROSHA</i> is a candidate gene for a severe progressive neurological disorder. Human Molecular Genetics, 2022, 31, 2934-2950.	2.9	6
4	In preprints: buckling under pressure during gastrulation. Development (Cambridge), 2022, 149, .	2.5	0
5	Robust designation of meiotic crossover sites by CDK-2 through phosphorylation of the MutS ³ complex. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117865119.	7.1	14
6	Androgen receptor blockade promotes response to BRAF/MEK-targeted therapy. Nature, 2022, 606, 797-803.	27.8	54
7	ERK phosphorylates chromosomal axis component HORMA domain protein HTP-1 to regulate oocyte numbers. Science Advances, 2020, 6, .	10.3	14
8	In Situ Hybridization for Detecting Mature MicroRNAs In Vivo at Single-Cell Resolution. Current Protocols in Molecular Biology, 2019, 127, e93.	2.9	1
9	Dicer1 Phosphomimetic Promotes Tumor Progression and Dissemination. Cancer Research, 2019, 79, 2662-2668.	0.9	10
10	Constitutive Dicer1 phosphorylation accelerates metabolism and aging in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 960-969.	7.1	13
11	GSK-3 promotes S phase entry and progression in <i>C. elegans</i> germline stem cells to maintain tissue output. Development (Cambridge), 2018, 145, .	2.5	13
12	Functional genomic analysis identifies miRNA repertoire regulating <i>C. elegans</i> oocyte development. Nature Communications, 2018, 9, 5318.	12.8	17
13	GFP::PCN-1 does not reliably mark S phase in adult germline progenitor zone cells. MicroPublication Biology, 2018, 2018, .	0.1	0
14	Signaling-Mediated Regulation of Meiotic Prophase I and Transition During Oogenesis. Results and Problems in Cell Differentiation, 2017, 59, 101-123.	0.7	27
15	Insulin-like signalling to the maternal germline controls progeny response to osmotic stress. Nature Cell Biology, 2017, 19, 252-257.	10.3	65
16	Conserved insulin signaling in the regulation of oocyte growth, development, and maturation. Molecular Reproduction and Development, 2017, 84, 444-459.	2.0	136
17	Discovering Functional ERK Substrates Regulating <i>Caenorhabditis elegans</i> Germline Development. Methods in Molecular Biology, 2017, 1487, 317-335.	0.9	4
18	Collaborative Control of Cell Cycle Progression by the RNA Exonuclease Dis3 and Ras Is Conserved Across Species. Genetics, 2016, 203, 749-762.	2.9	19

#	ARTICLE	IF	CITATIONS
19	Spatial and Temporal Analysis of Active ERK in the <i>C. elegans</i> Germline. Journal of Visualized Experiments, 2016, , .	0.3	18
20	TRX-1 Regulates SKN-1 Nuclear Localization Cell Non-autonomously in <i>Caenorhabditis elegans</i>. Genetics, 2016, 203, 387-402.	2.9	18
21	Context-dependent regulation of Dicer activity and small RNA production: Implications to oocyte-to-embryo transition. Worm, 2015, 4, e1086062.	1.0	4
22	A Transport Model for Estimating the Time Course of ERK Activation in the C.Âelegans Germline. Biophysical Journal, 2015, 109, 2436-2445.	0.5	8
23	A Requirement for ERK-Dependent Dicer Phosphorylation in Coordinating Oocyte-to-Embryo Transition in C.Âelegans. Developmental Cell, 2014, 31, 614-628.	7.0	63
24	Generation and purification of highly specific antibodies for detecting post-translationally modified proteins in vivo. Nature Protocols, 2014, 9, 375-395.	12.0	21
25	DAF-2 and ERK Couple Nutrient Availability to Meiotic Progression during Caenorhabditis elegans Oogenesis. Developmental Cell, 2013, 27, 227-240.	7.0	66
26	Interaction with Shc prevents aberrant Erk activation in the absence of extracellular stimuli. Nature Structural and Molecular Biology, 2013, 20, 620-627.	8.2	23
27	COSA-1 Reveals Robust Homeostasis and Separable Licensing and Reinforcement Steps Governing Meiotic Crossovers. Cell, 2012, 149, 75-87.	28.9	231
28	A High-Resolution C.Âelegans Essential Gene Network Based on Phenotypic Profiling of a Complex Tissue. Cell, 2011, 145, 470-482.	28.9	193
29	MPK-1 ERK Controls Membrane Organization in C.Âelegans Oogenesis via a Sex-Determination Module. Developmental Cell, 2011, 20, 677-688.	7.0	56
30	Multiple ERK substrates execute single biological processes in <i>Caenorhabditis elegans</i> germ-line development. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4776-4781.	7.1	113
31	Multiple Functions and Dynamic Activation of MPK-1 Extracellular Signal-Regulated Kinase Signaling in<i>Caenorhabditis elegans</i>Germline Development. Genetics, 2007, 177, 2039-2062.	2.9	166