

Graydon B Gonsalvez

List of Publications by Year in descending order

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28
papers

932
citations

687363

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36
all docs

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docs citations

36
times ranked

1243
citing authors

#	ARTICLE	IF	CITATIONS
1	A <i>Drosophila melanogaster</i> model of spinal muscular atrophy reveals a function for SMN in striated muscle. <i>Journal of Cell Biology</i> , 2007, 176, 831-841.	5.2	159
2	Two distinct arginine methyltransferases are required for biogenesis of Sm-class ribonucleoproteins. <i>Journal of Cell Biology</i> , 2007, 178, 733-740.	5.2	128
3	RNA localization in yeast: moving towards a mechanism. <i>Biology of the Cell</i> , 2005, 97, 75-86.	2.0	107
4	The Sm-Protein Methyltransferase, Dart5, Is Essential for Germ-Cell Specification and Maintenance. <i>Current Biology</i> , 2006, 16, 1077-1089.	3.9	105
5	Sigma Receptor Ligand, (+)-Pentazocine, Suppresses Inflammatory Responses of Retinal Microglia. , 2014, 55, 3375.		54
6	Sm protein methylation is dispensable for snRNP assembly in <i>Drosophila melanogaster</i> . <i>Rna</i> , 2008, 14, 878-887.	3.5	37
7	Multiple Roles for Egalitarian in Polarization of the <i>Drosophila</i> Egg Chamber. <i>Genetics</i> , 2016, 203, 415-432.	2.9	31
8	Sm proteins specify germ cell fate by facilitating <i>oskar</i> mRNA localization. <i>Development (Cambridge)</i> , 2010, 137, 2341-2351.	2.5	29
9	(+)-Pentazocine Reduces NMDA-Induced Murine Retinal Ganglion Cell Death Through a NMDAR -Dependent Mechanism. , 2016, 57, 453.		28
10	Dynein Associates with <i>oskar</i> mRNPs and Is Required For Their Efficient Net Plus-End Localization in <i>Drosophila</i> Oocytes. <i>PLoS ONE</i> , 2013, 8, e80605.	2.5	25
11	Retrotransposons Mimic Germ Plasm Determinants to Promote Transgenerational Inheritance. <i>Current Biology</i> , 2017, 27, 3010-3016.e3.	3.9	24
12	A novel isoform of <i>Drosophila</i> non-muscle Tropomyosin interacts with Kinesin-1 and functions in mRNA localization. <i>Journal of Cell Science</i> , 2016, 129, 4252-4264.	2.0	23
13	Egalitarian binding partners, Dynein light chain and bicaudal-D, act sequentially to link mRNA to the Dynein motor. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	21
14	Sigma 1 receptor regulates ERK activation and promotes survival of optic nerve head astrocytes. <i>PLoS ONE</i> , 2017, 12, e0184421.	2.5	20
15	BAR-SH3 Sorting nexins are conserved Nervous wreck interactors that organize synapses and promote neurotransmission. <i>Journal of Cell Science</i> , 2016, 129, 166-77.	2.0	18
16	Efficient Endocytic Uptake and Maturation in <i>Drosophila</i> Oocytes Requires Dynamitin/p50. <i>Genetics</i> , 2015, 201, 631-649.	2.9	17
17	The Role of Microtubule Motors in mRNA Localization and Patterning Within the <i>Drosophila</i> Oocyte. <i>Results and Problems in Cell Differentiation</i> , 2017, 63, 149-168.	0.7	17
18	Spatial regulation of translation through RNA localization. <i>F1000 Biology Reports</i> , 2012, 4, 16.	4.0	17

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19	Depletion or over-expression of Sh3px1 results in dramatic changes in cell morphology. <i>Biology Open</i> , 2015, 4, 1448-1461.	1.2	14
20	A functional link between localized Oskar, dynamic microtubules, and endocytosis. <i>Developmental Biology</i> , 2012, 367, 66-77.	2.0	12
21	Optimal RNA binding by Egalitarian, a Dynein cargo adaptor, is critical for maintaining oocyte fate in <i>Drosophila</i> . <i>RNA Biology</i> , 2021, 18, 2376-2389.	3.1	9
22	Deficiency in the endocytic adaptor proteins PHETA1/2 impair renal and craniofacial development. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	7
23	Sigma 1 Receptor Contributes to Astrocyte-Mediated Retinal Ganglion Cell Protection. , 2022, 63, 1.		7
24	Sigma 1 Receptor Modulates Optic Nerve Head Astrocyte Reactivity. , 2021, 62, 5.		5
25	A region of SLBP outside the mRNA-processing domain is essential for deposition of histone mRNA into the <i>Drosophila</i> egg. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	4
26	Dynein light chain-dependent dimerization of Egalitarian is essential for maintaining oocyte fate in <i>Drosophila</i> . <i>Developmental Biology</i> , 2021, 478, 76-88.	2.0	4
27	<i>In vivo</i> proximity biotiny ligation identifies the interactome of Egalitarian, a Dynein cargo adaptor. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	3
28	A new isoform of <i>Drosophila</i> non-muscle Tropomyosin 1 interacts with Kinesin-1 and functions in oskar mRNA localization. <i>Development (Cambridge)</i> , 2016, 143, e1.2-e1.2.	2.5	0