

Alvaro Glavic

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

6,219
citations

394421

19
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

16392
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	BAX Inhibitor-1 Is a Negative Regulator of the ER Stress Sensor IRE1 β . <i>Molecular Cell</i> , 2009, 33, 679-691.	9.7	281
3	Posteriorization by FGF, Wnt, and Retinoic Acid Is Required for Neural Crest Induction. <i>Developmental Biology</i> , 2002, 241, 289-301.	2.0	220
4	BAX inhibitor-1 regulates autophagy by controlling the IRE1 β branch of the unfolded protein response. <i>EMBO Journal</i> , 2011, 30, 4465-4478.	7.8	105
5	Global translational impacts of the loss of the tRNA modification t6A in yeast. <i>Microbial Cell</i> , 2016, 3, 29-45.	3.2	101
6	IRE1 β governs cytoskeleton remodelling and cell migration through a direct interaction with filamin A. <i>Nature Cell Biology</i> , 2018, 20, 942-953.	10.3	98
7	Interplay between Notch signaling and the homeoprotein Xiro1 is required for neural crest induction in <i>Xenopus</i> embryos. <i>Development (Cambridge)</i> , 2004, 131, 347-359.	2.5	97
8	Role of BMP signaling and the homeoprotein iroquois in the specification of the cranial placodal field. <i>Developmental Biology</i> , 2004, 272, 89-103.	2.0	93
9	Genotoxic stress triggers the activation of IRE1 β -dependent RNA decay to modulate the DNA damage response. <i>Nature Communications</i> , 2020, 11, 2401.	12.8	62
10	A Gain-of-Function Screen Identifying Genes Required for Growth and Pattern Formation of the <i>Drosophila melanogaster</i> Wing. <i>Genetics</i> , 2009, 183, 1005-1026.	2.9	59
11	Xiro homeoproteins coordinate cell cycle exit and primary neuron formation by upregulating neuronal-fate repressors and downregulating the cell-cycle inhibitor XGadd45-1 β . <i>Mechanisms of Development</i> , 2002, 119, 69-80.	1.7	56
12	Intertissue Mechanical Stress Affects Frizzled-Mediated Planar Cell Polarity in the <i>Drosophila</i> Notum Epidermis. <i>Current Biology</i> , 2011, 21, 236-242.	3.9	45
13	The Levels of a Universally Conserved tRNA Modification Regulate Cell Growth. <i>Journal of Biological Chemistry</i> , 2015, 290, 18699-18707.	3.4	38
14	Cysteine \rightarrow Serine \rightarrow rich nuclear protein 1, Axud1/Csrnp1, is essential for cephalic neural progenitor proliferation and survival in zebrafish. <i>Developmental Dynamics</i> , 2009, 238, 2034-2043.	1.8	32
15	Xiro-1 controls mesoderm patterning by repressing bmp-4 expression in the spemann organizer. <i>Developmental Dynamics</i> , 2001, 222, 368-376.	1.8	31
16	<i>Drosophila</i> p53-related protein kinase is required for PI3K/TOR pathway-dependent growth. <i>Development (Cambridge)</i> , 2013, 140, 1282-1291.	2.5	29
17	<i>Drosophila</i> Axud1 is involved in the control of proliferation and displays pro-apoptotic activity. <i>Mechanisms of Development</i> , 2009, 126, 184-197.	1.7	25
18	Extracellular signals, cell interactions and transcription factors involved in the induction of the neural crest cells. <i>Biological Research</i> , 2002, 35, 267-75.	3.4	22

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19	The homeoprotein Xiro1 is required for midbrain-hindbrain boundary formation. <i>Development</i> (Cambridge), 2002, 129, 1609-21.	2.5	21
20	The <i>Drosophila</i> EKC/KEOPS complex. <i>Fly</i> , 2013, 7, 168-172.	1.7	15
21	Control of lysosomal-mediated cell death by the pH-dependent calcium channel RECS1. <i>Science Advances</i> , 2021, 7, eabe5469.	10.3	14
22	Modulation of the Proteostasis Machinery to Overcome Stress Caused by Diminished Levels of t6 Modified tRNAs in <i>Drosophila</i> . <i>Biomolecules</i> , 2017, 7, 25.	4.0	11
23	A role for Lin-28 in growth and metamorphosis in <i>Drosophila melanogaster</i> . <i>Mechanisms of Development</i> , 2018, 154, 107-115.	1.7	9
24	The Serine Protease Homolog, Scarface, Is Sensitive to Nutrient Availability and Modulates the Development of the <i>Drosophila</i> Blood-Brain Barrier. <i>Journal of Neuroscience</i> , 2021, 41, 6430-6448.	3.6	9
25	csnrp1a Is Necessary for the Development of Primitive Hematopoiesis Progenitors in Zebrafish. <i>PLoS ONE</i> , 2013, 8, e53858.	2.5	8
26	Light-Induced Opening of the TRP Channel in Isolated Membrane Patches Excised from Photosensitive Microvilli from <i>Drosophila</i> Photoreceptors. <i>Neuroscience</i> , 2019, 396, 66-72.	2.3	8
27	Trpml controls actomyosin contractility and couples migration to phagocytosis in fly macrophages. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	7
28	<i>Drosophila</i> p115 is required for Cdk1 activation and G2/M cell cycle transition. <i>Mechanisms of Development</i> , 2017, 144, 191-200.	1.7	6
29	p53 is required for brain growth but is dispensable for resistance to nutrient restriction during <i>Drosophila</i> larval development. <i>PLoS ONE</i> , 2018, 13, e0194344.	2.5	6
30	Genome sequencing and transcriptomic analysis of the Andean killifish <i>Orestias ascotanensis</i> reveals adaptation to high-altitude aquatic life. <i>Genomics</i> , 2022, 114, 305-315.	2.9	5
31	An in vitro method for studying subcellular rearrangements during cell polarization in <i>Drosophila melanogaster</i> hemocytes. <i>Mechanisms of Development</i> , 2018, 154, 277-286.	1.7	3
32	p53 Related Protein Kinase is Required for Arp2/3-Dependent Actin Dynamics of Hemocytes in <i>Drosophila melanogaster</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	2