Sergio Casas TintÃ³

List of Publications by Year
in descending order

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58 papers	1,497 citations	430874 18 h-index	345221 36 g-index
72 all docs	72 docs citations	72 times ranked	1751 citing authors

#	Article	IF	Citations
1	The ER stress factor XBP1s prevents amyloid-Î² neurotoxicity. Human Molecular Genetics, 2011, 20, 2144-2160.	2.9	258
2	Flower Forms an Extracellular Code that Reveals the Fitness of a Cell to its Neighbors in Drosophila. Developmental Cell, 2010, 18, 985-998.	7.0	189
3	Drosophila SPARC Is a Self-Protective Signal Expressed by Loser Cells during Cell Competition. Developmental Cell, 2010, 19, 562-573.	7.0	115
4	Cell Competition Time Line: Winners Kill Losers, which Are Extruded and Engulfed by Hemocytes. Cell Reports, 2012, 2, 526-539.	6.4	81
5	Molecular Basis of Orb2 Amyloidogenesis and Blockade of Memory Consolidation. PLoS Biology, 2016, 14, e1002361.	5.6	77
6	In Vivo Generation of Neurotoxic Prion Protein: Role for Hsp70 in Accumulation of Misfolded Isoforms. PLoS Genetics, 2009, 5, e1000507.	3.5	76
7	Cell types and coincident synapses in the ellipsoid body of Drosophila. European Journal of Neuroscience, 2014, 39, 1586-1601.	2.6	62
8	Glioblastoma cells vampirize WNT from neurons and trigger a JNK/MMP signaling loop that enhances glioblastoma progression and neurodegeneration. PLoS Biology, 2019, 17, e3000545.	5.6	55
9	Sequence-dependent Prion Protein Misfolding and Neurotoxicity. Journal of Biological Chemistry, 2010, 285, 36897-36908.	3.4	39
10	Active JNK-dependent secretion of Drosophila Tyrosyl-tRNA synthetase by loser cells recruits haemocytes during cell competition. Nature Communications, 2015, 6, 10022.	12.8	38
11	Aberrant Wnt signaling: a special focus in CNS diseases. Journal of Neurogenetics, 2017, 31, 216-222.	1.4	36
12	Drosophilaenhancer-Gal4 lines show ectopic expression during development. Royal Society Open Science, 2017, 4, 170039.	2.4	32
13	Mechanical control of nuclear import by Importin-7 is regulated by its dominant cargo YAP. Nature Communications, 2022, 13, 1174.	12.8	32
14	Troponin-I enhances and is required for oncogenic overgrowth. Oncotarget, 2016, 7, 52631-52642.	1.8	28
15	JNK Pathway in CNS Pathologies. International Journal of Molecular Sciences, 2021, 22, 3883.	4.1	27
16	An intergenic regulatory region mediates Drosophila Myc-induced apoptosis and blocks tissue hyperplasia. Oncogene, 2015, 34, 2385-2397.	5.9	23
17	Cytonemes, Their Formation, Regulation, and Roles in Signaling and Communication in Tumorigenesis. International Journal of Molecular Sciences, 2019, 20, 5641.	4.1	23
18	The Transcription Factor FoxK Participates with Nup98 To Regulate Antiviral Gene Expression. MBio, 2015, 6, .	4.1	21

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19	Oncogenic dependence of glioma cells on kish/TMEM167A regulation of vesicular trafficking. Glia, 2019, 67, 404-417.	4.9	21
20	The equilibrium between antagonistic signaling pathways determines the number of synapses in Drosophila. PLoS ONE, 2017, 12, e0184238.	2.5	20
21	Exploring prion protein biology in flies. Prion, 2010, 4, 1-8.	1.8	18
22	DmFoxF, a novel Drosophila fork head factor expressed in visceral mesoderm. Mechanisms of Development, 2002, 111, 163-166.	1.7	17
23	Characterization of the Drosophila insulin receptor promoter. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2007, 1769, 236-243.	2.4	16
24	Insulin signaling mediates neurodegeneration in glioma. Life Science Alliance, 2021, 4, e202000693.	2.8	15
25	Modeling invasion patterns in the glioblastoma battlefield. PLoS Computational Biology, 2021, 17, e1008632.	3.2	15
26	FoxK mediates TGF-Î² signalling during midgut differentiation in flies. Journal of Cell Biology, 2008, 183, 1049-1060.	5.2	13
27	The flower code and cancer development. Clinical and Translational Oncology, 2011, 13, 5-9.	2.4	13
28	The EGFR-TMEM167A-p53 Axis Defines the Aggressiveness of Gliomas. Cancers, 2020, 12, 208.	3.7	12
29	Combined Pharmacological Induction of Hsp70 Suppresses Prion Protein Neurotoxicity in Drosophila. PLoS ONE, 2014, 9, e88522.	2.5	11
30	How winner cells cause the demise of loser cells. BioEssays, 2013, 35, 348-353.	2.5	10
31	Neural functions of small heat shock proteins. Neural Regeneration Research, 2022, 17, 512.	3.0	10
32	Molecular mechanisms that change synapse number. Journal of Neurogenetics, 2018, 32, 155-170.	1.4	8
33	Troponin-I localizes selected apico-basal cell polarity signals. Journal of Cell Science, 2019, 132, .	2.0	8
34	Cell to cell communication mediates glioblastoma progression in Drosophila. Biology Open, 2020, 9, .	1.2	8
35	PI3K activation prevents AÎ²42-induced synapse loss and favors insoluble amyloid deposit formation. Molecular Biology of the Cell, 2020, 31, 244-260.	2.1	8
36	New Cellular Dimensions on Glioblastoma Progression. Neuroscience Insights, 2020, 15, 263310552092307.	1.6	7

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37	Orb2 as modulator of Brat and their role at the neuromuscular junction. Journal of Neurogenetics, 2017, 31, 181-188.	1.4	6
38	Small heat shock proteins determine synapse number and neuronal activity during development. PLoS ONE, 2020, 15, e0233231.	2.5	6
39	Amyloid Î²42 peptide is toxic to non-neural cells inDrosophilayielding a characteristic metabolite profile and the effect can be suppressed by PI3K. Biology Open, 2017, 6, 1664-1671.	1.2	5
40	A novel injury paradigm in the central nervous system of adult Drosophila: molecular, cellular and functional aspects. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	5
41	Alignment between glioblastoma internal clock and environmental cues ameliorates survival in Drosophila. Communications Biology, 2022, 5, .	4.4	5
42	Classically-activated macrophages elimination in tumor-conditioned medium by alternatively-activated macrophages. Biology Open, 2017, 6, 1897-1903.	1.2	3
43	The haplolethality paradox of the wupA gene in Drosophila. PLoS Genetics, 2021, 17, e1009108.	3.5	3
44	Circadian Gene cry Controls Tumorigenesis through Modulation of Myc Accumulation in Glioblastoma Cells. International Journal of Molecular Sciences, 2022, 23, 2043.	4.1	2
45	Widening the concept of oncogene. Aging, 2016, 8, 2262-2263.	3.1	1
46	Title is missing!. , 2019, 17, e3000545.		0
47	Title is missing!. , 2019, 17, e3000545.		0
48	Title is missing!. , 2019, 17, e3000545.		0
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