Diego E Rincon-Limas

List of Publications by Year
in descending order

57 papers	1,544 citations	361413 20 h-index	315739 38 g-index
58 all docs	58 docs citations	58 times ranked	2246 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	The relative expression amounts of apterous and its co-factor dLdb/Chip are critical for dorso-ventral compartmentalization in the Drosophila wing. EMBO Journal, 1998, 17, 6846-6853.	7.8	83
3	Conservation of the expression and function of apterous orthologs in Drosophila and mammals. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 2165-2170.	7.1	79
4	In Vivo Generation of Neurotoxic Prion Protein: Role for Hsp70 in Accumulation of Misfolded Isoforms. PLoS Genetics, 2009, 5, e1000507.	3.5	76
5	Comparative analysis of genetic modifiers in Drosophila points to common and distinct mechanisms of pathogenesis among polyglutamine diseases. Human Molecular Genetics, 2008, 17, 376-390.	2.9	75
6	Amyloid-Î²42 Interacts Mainly with Insoluble Prion Protein in the Alzheimer Brain. Journal of Biological Chemistry, 2011, 286, 15095-15105.	3.4	75
7	Holdase activity of secreted Hsp70 masks amyloid-Î²42 neurotoxicity in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5212-21.	7.1	60
8	Short AÎ² peptides attenuate AÎ²42 toxicity in vivo. Journal of Experimental Medicine, 2018, 215, 283-301.	8.5	56
9	Modeling the complex pathology of Alzheimer's disease in Drosophila. Experimental Neurology, 2015, 274, 58-71.	4.1	54
10	Bringing Light to Transcription: The Optogenetics Repertoire. Frontiers in Genetics, 2018, 9, 518.	2.3	49
11	The level of DLDB/CHIP controls the activity of the LIM homeodomain protein Apterous: evidence for a functional tetramer complex in vivo. EMBO Journal, 2000, 19, 2602-2614.	7.8	48
12	Drosophila Models of Proteinopathies: the Little Fly that Could. Current Pharmaceutical Design, 2012, 18, 1108-1122.	1.9	48
13	Identification of proteins that are differentially expressed in brains with Alzheimer's disease using iTRAQ labeling and tandem mass spectrometry. Journal of Proteomics, 2016, 139, 103-121.	2.4	48
14	Differential Activation of the ER Stress Factor XBP1 by Oligomeric Assemblies. Neurochemical Research, 2012, 37, 1707-1717.	3.3	45
15	Sequence-dependent Prion Protein Misfolding and Neurotoxicity. Journal of Biological Chemistry, 2010, 285, 36897-36908.	3.4	39
16	Protein complex formation between Msx1 and Lhx2 homeoproteins is incompatible with DNA binding activity. Differentiation, 1998, 63, 151-157.	1.9	36
17	NCBP2 modulates neurodevelopmental defects of the 3q29 deletion in Drosophila and Xenopus laevis models. PLoS Genetics, 2020, 16, e1008590.	3.5	30
18	Engineered Hsp70 chaperones prevent AÎ²42-induced memory impairments in a Drosophila model of Alzheimerâ€™s disease. Scientific Reports, 2018, 8, 9915.	3.3	26

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19	Association between genetic variation at the porphobilinogen deaminase gene and schizophrenia. Schizophrenia Research, 1993, 8, 211-221.	2.0	25
20	Molecular, functional, and pathological aspects of TDP-43 fragmentation. IScience, 2021, 24, 102459.	4.1	25
21	A KCNC3 mutation causes a neurodevelopmental, non-progressive SCA13 subtype associated with dominant negative effects and aberrant EGFR trafficking. PLoS ONE, 2017, 12, e0173565.	2.5	22
22	Pulling rabbits to reveal the secrets of the prion protein. Communicative and Integrative Biology, 2011, 4, 262-266.	1.4	21
23	KCNC3R420H, a K+ channel mutation causative in spinocerebellar ataxia 13 displays aberrant intracellular trafficking. Neurobiology of Disease, 2014, 71, 270-279.	4.4	20
24	Anti-AÎ² single-chain variable fragment antibodies exert synergistic neuroprotective activities inDrosophilamodels of Alzheimer's disease. Human Molecular Genetics, 2015, 24, 6093-6105.	2.9	20
25	Conserved overlapping and reciprocal expression of msh/Msx1 and apterous/Lhx2 in Drosophila and mice. Mechanisms of Development, 2000, 99, 177-181.	1.7	18
26	Exploring prion protein biology in flies. Prion, 2010, 4, 1-8.	1.8	18
27	Drosophila models of prionopathies: insight into prion protein function, transmission, and neurotoxicity. Current Opinion in Genetics and Development, 2017, 44, 141-148.	3.3	18
28	secHsp70 as a tool to approach amyloid-Î²42 and other extracellular amyloids. Fly, 2017, 11, 179-184.	1.7	17
29	5â€²-flanking sequences of the human HPRT gene direct neuronal expression in the brain of transgenic mice. Journal of Neuroscience Research, 1994, 38, 259-267.	2.9	16
30	A single amino acid (Asp159) from the dog prion protein suppresses the toxicity of the mouse prion protein in Drosophila. Neurobiology of Disease, 2016, 95, 204-209.	4.4	16
31	Lmx1a is required for the development of the ovarian stem cell niche in Drosophila. Development (Cambridge), 2018, 145, .	2.5	16
32	Anti-AÎ² single-chain variable fragment antibodies restore memory acquisition in a Drosophila model of Alzheimerâ€™s disease. Scientific Reports, 2017, 7, 11268.	3.3	13
33	Combined Pharmacological Induction of Hsp70 Suppresses Prion Protein Neurotoxicity in Drosophila. PLoS ONE, 2014, 9, e88522.	2.5	11
34	Ubiquitous and Neuronal DNA-Binding Proteins Interact with a Negative Regulatory Element of the Human Hypoxanthine Phosphoribosyltransferase Gene. Molecular and Cellular Biology, 1995, 15, 6561-6571.	2.3	10
35	Purification of Transcripts and Metabolites from Drosophila Heads. Journal of Visualized Experiments, 2013, , e50245.	0.3	10
36	PhotoGal4: A Versatile Light-Dependent Switch for Spatiotemporal Control of Gene Expression in Drosophila Explants. IScience, 2020, 23, 101308.	4.1	9

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37	TDP-43 and ER Stress in Neurodegeneration: Friends or Foes?. Frontiers in Molecular Neuroscience, 2021, 14, 772226.	2.9	9
38	New vectors for the efficient expression of mammalian genes in cultured cells. Gene, 1990, 87, 291-294.	2.2	8
39	Polar substitutions in helix 3 of the prion protein produce transmembrane isoforms that disturb vesicle trafficking. Human Molecular Genetics, 2013, 22, 4253-4266.	2.9	7
40	HGH isoforms: cDNA expression, adipogenic activity and production in cell culture. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1993, 1172, 49-54.	2.4	6
41	Unraveling the Basis of Neurodegeneration using the Drosophila Eye. , 2013, , 271-293.		6
42	pâˆ†TubHA4C, a new versatile vector for constitutive expression in Drosophila. Molecular Biology Reports, 2013, 40, 5407-5415.	2.3	5
43	TwoMsplRFLPs at the D17S258 locus. Nucleic Acids Research, 1990, 18, 7196-7196.	14.5	4
44	Launching Hsp70 neuroprotection. Cell Cycle, 2014, 13, 1657-1658.	2.6	4
45	AÃŸ40 displays amyloidogenic properties in the non-transgenic mouse brain but does not exacerbate AÃŸ42 toxicity in Drosophila. Alzheimer's Research and Therapy, 2020, 12, 132.	6.2	3
46	Data set of interactomes and metabolic pathways of proteins differentially expressed in brains with Alzheimer×³s disease. Data in Brief, 2016, 7, 1707-1719.	1.0	2
47	An Mspl RFLP at the D17S258 locus. Nucleic Acids Research, 1991, 19, 5482-5482.	14.5	0
48	Alternative Models of Prion Diseases. , 2013, , 183-199.		0
49	P2-077: Identification of potential modifiers of Alzheimer's disease pathology by quantitative mass spectrometry and drosophila genetics. , 2015, 11, P512-P513.		0
50	P1-084: Exploring the toxicity of short amyloid-beta peptides in vivo. , 2015, 11, P371-P371.		0
51	Protein Quality Control in Brain Aging: Lessons from Protein Misfolding Disorders in Drosophila. Healthy Ageing and Longevity, 2015, , 191-211.	0.2	0
52	Engineering Chaperones for Alzheimerâ€™s Disease: Insights from Drosophila Models. Heat Shock Proteins, 2019, , 259-272.	0.2	0
53	TDP-35, a truncated fragment of TDP-43, induces dose-dependent toxicity and apoptosis in flies. Neural Regeneration Research, 2022, 17, 2441.	3.0	0
54	Title is missing!. , 2020, 16, e1008590.		0

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55	Title is missing!. , 2020, 16, e1008590.		0
56	Title is missing!. , 2020, 16, e1008590.		0
57	Title is missing!. , 2020, 16, e1008590.		0