

Bertrand Mollereau

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

12,510
citations

147726

31
h-index

155592

55
g-index

61
all docs

61
docs citations

61
times ranked

25406
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.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662</i>	4.3	1,430
4	Disturbance of endoplasmic reticulum proteostasis in neurodegenerative diseases. <i>Nature Reviews Neuroscience</i> , 2014, 15, 233-249.	4.9	599
5	Promoting the clearance of neurotoxic proteins in neurodegenerative disorders of ageing. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 660-688.	21.5	370
6	ER stress inhibits neuronal death by promoting autophagy. <i>Autophagy</i> , 2012, 8, 915-926.	4.3	194
7	Biological functions of p53 isoforms through evolution: lessons from animal and cellular models. <i>Cell Death and Differentiation</i> , 2011, 18, 1815-1824.	5.0	173
8	Wolbachia Interferes with Ferritin Expression and Iron Metabolism in Insects. <i>PLoS Pathogens</i> , 2009, 5, e1000630.	2.1	164
9	Translatonally controlled tumor protein is a conserved mitotic growth integrator in animals and plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16384-16389.	3.3	137
10	Two-step process for photoreceptor formation in <i>Drosophila</i> . <i>Nature</i> , 2001, 412, 911-913.	13.7	113
11	ER stress protects from retinal degeneration. <i>EMBO Journal</i> , 2009, 28, 1296-1307.	3.5	94
12	Compensatory proliferation and apoptosis-induced proliferation: a need for clarification. <i>Cell Death and Differentiation</i> , 2013, 20, 181-181.	5.0	93
13	The lysosomal membrane protein LAMP2A promotes autophagic flux and prevents SNCA-induced Parkinson disease-like symptoms in the <i>Drosophila</i> brain. <i>Autophagy</i> , 2018, 14, 1898-1910.	4.3	89
14	Intersections between Regulated Cell Death and Autophagy. <i>Trends in Cell Biology</i> , 2019, 29, 323-338.	3.6	83
15	A green fluorescent protein enhancer trap screen in <i>Drosophila</i> photoreceptor cells. <i>Mechanisms of Development</i> , 2000, 93, 151-160.	1.7	75
16	Cytochrome c ϵ d regulates developmental apoptosis in the <i>Drosophila</i> retina. <i>EMBO Reports</i> , 2006, 7, 933-939.	2.0	73
17	Thiol-mediated inhibition of FAS and CD2 apoptotic signaling in activated human peripheral T cells. <i>International Immunology</i> , 1997, 9, 117-125.	1.8	71
18	Regulation of R7 and R8 differentiation by the spalt genes. <i>Developmental Biology</i> , 2004, 273, 121-133.	0.9	69

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19	Getting the better of ER stress. <i>Journal of Cell Communication and Signaling</i> , 2014, 8, 311-321.	1.8	61
20	The p53 control of apoptosis and proliferation: lessons from <i>Drosophila</i> . <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 1421-1429.	2.2	58
21	p53-dependent programmed necrosis controls germ cell homeostasis during spermatogenesis. <i>PLoS Genetics</i> , 2017, 13, e1007024.	1.5	48
22	Growth hormone prevents human monocytic cells from Fas-mediated apoptosis by up-regulating Bcl-2 expression. <i>European Journal of Immunology</i> , 1999, 29, 334-344.	1.6	47
23	<i>Drosophila</i> p53 isoforms differentially regulate apoptosis and apoptosis-induced proliferation. <i>Cell Death and Differentiation</i> , 2013, 20, 108-116.	5.0	47
24	Fatty acid transport proteins in disease: New insights from invertebrate models. <i>Progress in Lipid Research</i> , 2015, 60, 30-40.	5.3	46
25	Spalt transcription factors are required for R3/R4 specification and establishment of planar cell polarity in the <i>Drosophila</i> eye. <i>Development (Cambridge)</i> , 2004, 131, 5695-5702.	1.2	43
26	Adaptive preconditioning in neurological diseases – therapeutic insights from proteostatic perturbations. <i>Brain Research</i> , 2016, 1648, 603-616.	1.1	41
27	Biophysical and genetic analysis of iron partitioning and ferritin function in <i>Drosophila melanogaster</i> . <i>Metallomics</i> , 2013, 5, 997.	1.0	38
28	Physiological and pathological roles of FATP-mediated lipid droplets in <i>Drosophila</i> and mice retina. <i>PLoS Genetics</i> , 2018, 14, e1007627.	1.5	38
29	<i>Drosophila</i> Fatty Acid Transport Protein Regulates Rhodopsin-1 Metabolism and Is Required for Photoreceptor Neuron Survival. <i>PLoS Genetics</i> , 2012, 8, e1002833.	1.5	37
30	Photoreceptor differentiation in <i>Drosophila</i> : From immature neurons to functional photoreceptors. <i>Developmental Dynamics</i> , 2005, 232, 585-592.	0.8	35
31	Two-color in vivo imaging of photoreceptor apoptosis and development in <i>Drosophila</i> . <i>Developmental Biology</i> , 2011, 351, 128-134.	0.9	34
32	<i>Drosophila</i> p53 integrates the antagonism between autophagy and apoptosis in response to stress. <i>Autophagy</i> , 2019, 15, 771-784.	4.3	31
33	TCTP and CSN4 control cell cycle progression and development by regulating CULLIN1 neddylation in plants and animals. <i>PLoS Genetics</i> , 2019, 15, e1007899.	1.5	20
34	A DPP-mediated feed-forward loop canalizes morphogenesis during <i>Drosophila</i> dorsal closure. <i>Journal of Cell Biology</i> , 2015, 208, 239-248.	2.3	19
35	Spn modulates lipid droplet content in adult <i>Drosophila</i> glial cells and protects against paraquat toxicity. <i>Scientific Reports</i> , 2020, 10, 20023.	1.6	19
36	Cell death: what can we learn from flies? Editorial for the special review issue on <i>Drosophila</i> apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 929-934.	2.2	17

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37	Establishing Links between Endoplasmic Reticulum-Mediated Hormesis and Cancer. <i>Molecular and Cellular Biology</i> , 2013, 33, 2372-2374.	1.1	17
38	Spn is required for pigment cell survival during pupal development in <i>Drosophila</i> . <i>Developmental Biology</i> , 2015, 402, 208-215.	0.9	17
39	Ferritin Assembly in Enterocytes of <i>Drosophila melanogaster</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 27.	1.8	16
40	Abnormal accumulation of lipid droplets in neurons induces the conversion of alpha-Synuclein to proteolytic resistant forms in a <i>Drosophila</i> model of Parkinson's disease. <i>PLoS Genetics</i> , 2021, 17, e1009921.	1.5	16
41	DRP-1-mediated apoptosis induces muscle degeneration in dystrophin mutants. <i>Scientific Reports</i> , 2018, 8, 7354.	1.6	13
42	Munster, a novel Paired-class homeobox gene specifically expressed in the <i>Drosophila</i> larval eye. <i>Mechanisms of Development</i> , 1999, 88, 107-110.	1.7	11
43	The Tomato/GFP-FLP/FRT Method for Live Imaging of Mosaic Adult <i>Drosophila</i> Photoreceptor Cells. <i>Journal of Visualized Experiments</i> , 2013, , e50610.	0.2	11
44	Rb-mediated apoptosis or proliferation: It's up to JNK. <i>Cell Cycle</i> , 2016, 15, 11-12.	1.3	10
45	Chronic Exposure to Paraquat Induces Alpha-Synuclein Pathogenic Modifications in <i>Drosophila</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 11613.	1.8	10
46	Is WDR45 the missing link for ER stress-induced autophagy in beta-propeller associated neurodegeneration?. <i>Autophagy</i> , 2019, 15, 2163-2164.	4.3	9
47	Absolute requirement of cholesterol binding for Hedgehog gradient formation in <i>Drosophila</i> . <i>Biology Open</i> , 2013, 2, 596-604.	0.6	8
48	Cooling-Induced ER Stress is Good for Your Brain. <i>EBioMedicine</i> , 2015, 2, 482-483.	2.7	7
49	Expression of dengue virus NS3 protein in <i>Drosophila</i> alters its susceptibility to infection. <i>Fly</i> , 2015, 9, 1-6.	0.9	6
50	Fatty acid transport protein 1 regulates retinoid metabolism and photoreceptor development in mouse retina. <i>PLoS ONE</i> , 2017, 12, e0180148.	1.1	6
51	Effects of anti-CD2 monoclonal antibody: CD2- and CD95-mediated apoptosis of human peripheral T cells. <i>Transplantation Proceedings</i> , 1999, 31, 1245.	0.3	3
52	Regulation of Numb during planar cell polarity establishment in the <i>Drosophila</i> eye. <i>Mechanisms of Development</i> , 2019, 160, 103583.	1.7	3
53	CD2 induced apoptosis of peripheral T cells. <i>Transplantation Proceedings</i> , 1997, 29, 2377-2378.	0.3	2
54	Keeping Cell Death Alive: An Introduction into the French Cell Death Research Network. <i>Biomolecules</i> , 2022, 12, 901.	1.8	2

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55	ER stress inhibits neuronal death by promoting autophagy., 0, .		1