Stephan Schneuwly

List of Publications by Year in descending order

42 papers	2,932 citations	257450 24 h-index	265206 42 g-index

44 all docs	44 docs citations	44 times ranked	3177 citing authors

#	Article	IF	Citations
1	The Drosophila functional Smad suppressing element fuss, a homologue of the human Skor genes, retains pro-oncogenic properties of the Ski/Sno family. PLoS ONE, 2022, 17, e0262360.	2.5	1
2	Phosphorylated resveratrol as a protein aggregation suppressor in vitro and in vivo. RSC Chemical Biology, 2022, 3, 250-260.	4.1	4
3	Oxidative stress modulates rearrangement of endoplasmic reticulum-mitochondria contacts and calcium dysregulation in a Friedreich's ataxia model. Redox Biology, 2020, 37, 101762.	9.0	22
4	Hedgehog Signaling Modulates Glial Proteostasis and Lifespan. Cell Reports, 2020, 30, 2627-2643.e5.	6.4	29
5	Loss of in results in decreased locomotor activity due to an increased number of pauses. MicroPublication Biology, 2020, 2020, .	0.1	1
6	The Drosophila fussel gene is required for bitter gustatory neuron differentiation acting within an Rpd3 dependent chromatin modifying complex. PLoS Genetics, 2019, 15, e1007940.	3.5	8
7	DrosophilaSister-of-Sex-lethal reinforces a male-specific gene expression pattern by controllingSex-lethalalternative splicing. Nucleic Acids Research, 2019, 47, 2276-2288.	14.5	17
8	Mitofusin-Dependent ER Stress Triggers Glial Dysfunction and Nervous System Degeneration in a Drosophila Model of Friedreichâ€™s Ataxia. Frontiers in Molecular Neuroscience, 2018, 11, 38.	2.9	35
9	Drosophila Rhodopsin 7 can partially replace the structural role of Rhodopsin 1, but not its physiological function. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 649-659.	1.6	9
10	Overexpression of Drosophila frataxin triggers cell death in an iron-dependent manner. Journal of Neurogenetics, 2017, 31, 189-202.	1.4	14
11	Copper and Zinc Homeostasis: Lessons from Drosophila melanogaster. Frontiers in Genetics, 2017, 8, 223.	2.3	58
12	Mitoferrin modulates iron toxicity in a Drosophila model of Friedreich×³s ataxia. Free Radical Biology and Medicine, 2015, 85, 71-82.	2.9	55
13	Behavioral decline and premature lethality upon pan-neuronal ferritin overexpression in Drosophila infected with a virulent form of Wolbachia. Frontiers in Pharmacology, 2014, 5, 66.	3.5	22
14	Analysis of dopaminergic neuronal dysfunction in genetic and toxinâ€induced models of Parkinson's disease in Drosophila. Journal of Neurochemistry, 2014, 131, 369-382.	3.9	60
15	RasGAP mediates neuronal survival inDrosophilathrough direct regulation of Rab5-dependent endocytosis. Journal of Cell Science, 2014, 127, 2849-61.	2.0	2
16	The dynactin p150 subunit: cell biology studies of sequence changes found in ALS/MND and Parkinsonian Syndromes. Journal of Neural Transmission, 2013, 120, 785-798.	2.8	35
17	fussel (fuss) - A Negative Regulator of BMP Signaling in Drosophila melanogaster. PLoS ONE, 2012, 7, e42349.	2.5	11
18	Overexpression of Human and Fly Frataxins in Drosophila Provokes Deleterious Effects at Biochemical, Physiological and Developmental Levels. PLoS ONE, 2011, 6, e21017.	2.5	38

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19	The Drosophila carbonyl reductase sniffer is an efficient 4-oxonon-2-enal (4ONE) reductase. Chemico-Biological Interactions, 2011, 191, 48-54.	4.0	20
20	Ferritin overexpression in Drosophila glia leads to iron deposition in the optic lobes and late-onset behavioral defects. Neurobiology of Disease, 2011, 43, 213-219.	4.4	25
21	Dopamine-dependent neurodegeneration in Drosophila models of familial and sporadic Parkinson's disease. Neurobiology of Disease, 2010, 40, 113-119.	4.4	60
22	Altered lipid metabolism in a Drosophila model of Friedreich's ataxia. Human Molecular Genetics, 2010, 19, 2828-2840.	2.9	94
23	Hyperoxia-induced neurodegeneration as a tool to identify neuroprotective genes in Drosophila melanogaster. Free Radical Biology and Medicine, 2009, 46, 1668-1676.	2.9	58
24	Modelling Parkinsonâ€™s Disease in Drosophila. NeuroMolecular Medicine, 2009, 11, 268-280.	3.4	69
25	Superoxide dismutase overexpression protects dopaminergic neurons in a Drosophila model of Parkinson's disease. Neurobiology of Disease, 2008, 30, 65-73.	4.4	91
26	In Vitro Cultivation of an Insect Microsporidian Tubulinosema ratisbonensis in Mammalian Cells. Journal of Eukaryotic Microbiology, 2005, 52, 349-355.	1.7	11
27	Morphological and Molecular Investigations of Tubulinosema ratisbonensis gen. nov., sp. nov. (Microsporidia: Tubulinosematidae fam. nov.), a Parasite Infecting a Laboratory Colony of Drosophila melanogaster (Diptera: Drosophilidae). Journal of Eukaryotic Microbiology, 2005, 52, 141-152.	1.7	57
28	The DrosDel Collection. Genetics, 2004, 167, 797-813.	2.9	342
29	The Drosophila Carbonyl Reductase Sniffer Prevents Oxidative Stress-Induced Neurodegeneration. Current Biology, 2004, 14, 782-786.	3.9	87
30	Structural Insights into the Neuroprotective-acting Carbonyl Reductase Sniffer of Drosophila melanogaster. Journal of Molecular Biology, 2004, 342, 1613-1624.	4.2	21
31	Deregulation of the Egfr/Ras Signaling Pathway Induces Age-related Brain Degeneration in theDrosophilaMutantvap. Molecular Biology of the Cell, 2003, 14, 241-250.	2.1	34
32	The Extraretinal Eyelet ofDrosophila: Development, Ultrastructure, and Putative Circadian Function. Journal of Neuroscience, 2002, 22, 9255-9266.	3.6	233
33	Substitution of the Thioredoxin System for Glutathione Reductase in Drosophila melanogaster. Science, 2001, 291, 643-646.	12.6	365
34	Ectopic Expression of the Neuropeptide Pigment-Dispersing Factor Alters Behavioral Rhythms inDrosophila melanogaster. Journal of Neuroscience, 2000, 20, 3339-3353.	3.6	214
35	Isolation and characterization of the droPIK57 gene encoding a new regulatory subunit of phosphatidylinositol 3-kinase from Drosophila melanogaster. Gene, 1997, 198, 181-189.	2.2	5
36	GAL4-responsive UAS- tau as a tool for studying the anatomy and development of the Drosophila central nervous system. Cell and Tissue Research, 1997, 290, 1-10.	2.9	93

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37	Molecular and Genetic Analysis of the Drosophila mas-1 (mannosidase-1) Gene Which Encodes a Glycoprotein Processing Î±1,2-Mannosidase. Developmental Biology, 1995, 168, 613-626.	2.0	61
38	The Drosophila giant lens gene plays a dual role in eye and optic lobe development: Inhibition of differentiation of ommatidial cells and interference in photoreceptor axon guidance. Mechanisms of Development, 1994, 48, 175-185.	1.7	16
39	Spatial and temporal expression of an Antennapedia/lac Z gene construct integrated into the endogenous Antennapedia gene of Drosophila melanogaster. Roux's Archives of Developmental Biology, 1992, 201, 65-80.	1.2	16
40	Molecular analysis of the dominant homeotic Antennapedia phenotype. EMBO Journal, 1987, 6, 201-206.	7.8	106
41	Redesigning the body plan of Drosophila by ectopic expression of the homoeotic gene Antennapedia. Nature, 1987, 325, 816-818.	27.8	402
42	Homeotic transformation of thorax into head: Developmental analysis of a new Antennapedia allele in Drosophila melanogaster. Developmental Biology, 1985, 108, 377-386.	2.0	30