

# Stephan Schneuwly

## List of Publications by Year in descending order

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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	Redesigning the body plan of <i>Drosophila</i> by ectopic expression of the homoeotic gene <i>Antennapedia</i> . <i>Nature</i> , 1987, 325, 816-818.	27.8	402
2	Substitution of the Thioredoxin System for Glutathione Reductase in <i>Drosophila melanogaster</i> . <i>Science</i> , 2001, 291, 643-646.	12.6	365
3	The DrosDel Collection. <i>Genetics</i> , 2004, 167, 797-813.	2.9	342
4	The Extraretinal Eyelet of <i>Drosophila</i> : Development, Ultrastructure, and Putative Circadian Function. <i>Journal of Neuroscience</i> , 2002, 22, 9255-9266.	3.6	233
5	Ectopic Expression of the Neuropeptide Pigment-Dispersing Factor Alters Behavioral Rhythms in <i>Drosophila melanogaster</i> . <i>Journal of Neuroscience</i> , 2000, 20, 3339-3353.	3.6	214
6	Molecular analysis of the dominant homeotic <i>Antennapedia</i> phenotype. <i>EMBO Journal</i> , 1987, 6, 201-206.	7.8	106
7	Altered lipid metabolism in a <i>Drosophila</i> model of Friedreich's ataxia. <i>Human Molecular Genetics</i> , 2010, 19, 2828-2840.	2.9	94
8	GAL4-responsive UAS- tau as a tool for studying the anatomy and development of the <i>Drosophila</i> central nervous system. <i>Cell and Tissue Research</i> , 1997, 290, 1-10.	2.9	93
9	Superoxide dismutase overexpression protects dopaminergic neurons in a <i>Drosophila</i> model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2008, 30, 65-73.	4.4	91
10	The <i>Drosophila</i> Carbonyl Reductase Sniffer Prevents Oxidative Stress-Induced Neurodegeneration. <i>Current Biology</i> , 2004, 14, 782-786.	3.9	87
11	Modelling Parkinson's Disease in <i>Drosophila</i> . <i>NeuroMolecular Medicine</i> , 2009, 11, 268-280.	3.4	69
12	Molecular and Genetic Analysis of the <i>Drosophila</i> mas-1 (mannosidase-1) Gene Which Encodes a Glycoprotein Processing $\pm$ 1,2-Mannosidase. <i>Developmental Biology</i> , 1995, 168, 613-626.	2.0	61
13	Dopamine-dependent neurodegeneration in <i>Drosophila</i> models of familial and sporadic Parkinson's disease. <i>Neurobiology of Disease</i> , 2010, 40, 113-119.	4.4	60
14	Analysis of dopaminergic neuronal dysfunction in genetic and toxin-induced models of Parkinson's disease in <i>Drosophila</i> . <i>Journal of Neurochemistry</i> , 2014, 131, 369-382.	3.9	60
15	Hyperoxia-induced neurodegeneration as a tool to identify neuroprotective genes in <i>Drosophila melanogaster</i> . <i>Free Radical Biology and Medicine</i> , 2009, 46, 1668-1676.	2.9	58
16	Copper and Zinc Homeostasis: Lessons from <i>Drosophila melanogaster</i> . <i>Frontiers in Genetics</i> , 2017, 8, 223.	2.3	58
17	Morphological and Molecular Investigations of <i>Tubulinosema ratisbonensis</i> gen. nov., sp. nov. (Microsporidia: Tubulinosematidae fam. nov.), a Parasite Infecting a Laboratory Colony of <i>Drosophila melanogaster</i> (Diptera: Drosophilidae). <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 141-152.	1.7	57
18	Mitoferrin modulates iron toxicity in a <i>Drosophila</i> model of Friedreich's ataxia. <i>Free Radical Biology and Medicine</i> , 2015, 85, 71-82.	2.9	55

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19	Overexpression of Human and Fly Frataxins in <i>Drosophila</i> Provokes Deleterious Effects at Biochemical, Physiological and Developmental Levels. <i>PLoS ONE</i> , 2011, 6, e21017.	2.5	38
20	The dynactin p150 subunit: cell biology studies of sequence changes found in ALS/MND and Parkinsonian Syndromes. <i>Journal of Neural Transmission</i> , 2013, 120, 785-798.	2.8	35
21	Mitofusin-Dependent ER Stress Triggers Glial Dysfunction and Nervous System Degeneration in a <i>Drosophila</i> Model of Friedreich's Ataxia. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 38.	2.9	35
22	Deregulation of the Egfr/Ras Signaling Pathway Induces Age-related Brain Degeneration in the <i>Drosophila</i> Mutant <i>vac</i> . <i>Molecular Biology of the Cell</i> , 2003, 14, 241-250.	2.1	34
23	Homeotic transformation of thorax into head: Developmental analysis of a new <i>Antennapedia</i> allele in <i>Drosophila melanogaster</i> . <i>Developmental Biology</i> , 1985, 108, 377-386.	2.0	30
24	Hedgehog Signaling Modulates Glial Proteostasis and Lifespan. <i>Cell Reports</i> , 2020, 30, 2627-2643.e5.	6.4	29
25	Ferritin overexpression in <i>Drosophila</i> glia leads to iron deposition in the optic lobes and late-onset behavioral defects. <i>Neurobiology of Disease</i> , 2011, 43, 213-219.	4.4	25
26	Behavioral decline and premature lethality upon pan-neuronal ferritin overexpression in <i>Drosophila</i> infected with a virulent form of <i>Wolbachia</i> . <i>Frontiers in Pharmacology</i> , 2014, 5, 66.	3.5	22
27	Oxidative stress modulates rearrangement of endoplasmic reticulum-mitochondria contacts and calcium dysregulation in a Friedreich's ataxia model. <i>Redox Biology</i> , 2020, 37, 101762.	9.0	22
28	Structural Insights into the Neuroprotective-acting Carbonyl Reductase Sniffer of <i>Drosophila melanogaster</i> . <i>Journal of Molecular Biology</i> , 2004, 342, 1613-1624.	4.2	21
29	The <i>Drosophila</i> carbonyl reductase sniffer is an efficient 4-oxonon-2-enal (4ONE) reductase. <i>Chemico-Biological Interactions</i> , 2011, 191, 48-54.	4.0	20
30	<i>Drosophila</i> Sister-of-Sex-lethal reinforces a male-specific gene expression pattern by controlling <i>Sex-lethal</i> alternative splicing. <i>Nucleic Acids Research</i> , 2019, 47, 2276-2288.	14.5	17
31	Spatial and temporal expression of an <i>Antennapedia/lac Z</i> gene construct integrated into the endogenous <i>Antennapedia</i> gene of <i>Drosophila melanogaster</i> . <i>Roux's Archives of Developmental Biology</i> , 1992, 201, 65-80.	1.2	16
32	The <i>Drosophila</i> 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. <i>Mechanisms of Development</i> , 1994, 48, 175-185.	1.7	16
33	Overexpression of <i>Drosophila</i> frataxin triggers cell death in an iron-dependent manner. <i>Journal of Neurogenetics</i> , 2017, 31, 189-202.	1.4	14
34	In Vitro Cultivation of an Insect Microsporidian <i>Tubulinosema ratisbonensis</i> in Mammalian Cells. <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 349-355.	1.7	11
35	fussel (fuss) - A Negative Regulator of BMP Signaling in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2012, 7, e42349.	2.5	11
36	<i>Drosophila</i> Rhodopsin 7 can partially replace the structural role of Rhodopsin 1, but not its physiological function. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 649-659.	1.6	9

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37	The <i>Drosophila</i> <i>fussel</i> gene is required for bitter gustatory neuron differentiation acting within an Rpd3 dependent chromatin modifying complex. <i>PLoS Genetics</i> , 2019, 15, e1007940.	3.5	8
38	Isolation and characterization of the <i>droPIK57</i> gene encoding a new regulatory subunit of phosphatidylinositol 3-kinase from <i>Drosophila melanogaster</i> . <i>Gene</i> , 1997, 198, 181-189.	2.2	5
39	Phosphorylated resveratrol as a protein aggregation suppressor <i>in vitro</i> and <i>in vivo</i> . <i>RSC Chemical Biology</i> , 2022, 3, 250-260.	4.1	4
40	RasGAP mediates neuronal survival in <i>Drosophila</i> through direct regulation of Rab5-dependent endocytosis. <i>Journal of Cell Science</i> , 2014, 127, 2849-61.	2.0	2
41	Loss of <i>in</i> results in decreased locomotor activity due to an increased number of pauses. <i>MicroPublication Biology</i> , 2020, 2020, .	0.1	1
42	The <i>Drosophila</i> functional Smad suppressing element <i>fuss</i> , a homologue of the human <i>Skor</i> genes, retains pro-oncogenic properties of the <i>Ski/Sno</i> family. <i>PLoS ONE</i> , 2022, 17, e0262360.	2.5	1