

# Stephen F Goodwin

## List of Publications by Year in descending order

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55  
papers

4,045  
citations

186209

28  
h-index

189801

50  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2567  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Male Sexual Behavior and Sexual Orientation in <i>Drosophila</i> by the fruitless Gene. <i>Cell</i> , 1996, 87, 1079-1089.	13.5	477
2	Control of sexual differentiation and behavior by the doublesex gene in <i>Drosophila melanogaster</i> . <i>Nature Neuroscience</i> , 2010, 13, 458-466.	7.1	307
3	Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly. <i>Science</i> , 2022, 375, eabk2432.	6.0	295
4	Spatial, temporal, and sexually dimorphic expression patterns of the fruitless gene in the <i>Drosophila</i> central nervous system. <i>Journal of Neurobiology</i> , 2000, 43, 404-426.	3.7	213
5	Neural Circuitry Underlying <i>Drosophila</i> Female Postmating Behavioral Responses. <i>Current Biology</i> , 2012, 22, 1155-1165.	1.8	184
6	The neuropeptide SIFamide modulates sexual behavior in <i>Drosophila</i> . <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 305-310.	1.0	162
7	Molecular Genetic Dissection of the Sex-Specific and Vital Functions of the <i>Drosophila melanogaster</i> Sex Determination Gene <i>fruitless</i> . <i>Genetics</i> , 2001, 158, 1569-1595.	1.2	147
8	The Sex-Determination Genes <i>fruitless</i> and <i>doublesex</i> Specify a Neural Substrate Required for Courtship Song. <i>Current Biology</i> , 2007, 17, 1473-1478.	1.8	146
9	Control of Male Sexual Behavior in <i>Drosophila</i> by the Sex Determination Pathway. <i>Current Biology</i> , 2006, 16, R766-R776.	1.8	143
10	Sexually Dimorphic Octopaminergic Neurons Modulate Female Postmating Behaviors in <i>Drosophila</i> . <i>Current Biology</i> , 2014, 24, 725-730.	1.8	135
11	Courtship behavior in <i>Drosophila melanogaster</i> : towards a "courtship connectome"™. <i>Current Opinion in Neurobiology</i> , 2013, 23, 76-83.	2.0	123
12	Sex- and Tissue-Specific Functions of <i>Drosophila</i> Doublesex Transcription Factor Target Genes. <i>Developmental Cell</i> , 2014, 31, 761-773.	3.1	122
13	Analysis and Inactivation of <i>vha55</i> , the Gene Encoding the Vacuolar ATPase B-subunit in <i>Drosophila melanogaster</i> Reveals a Larval Lethal Phenotype. <i>Journal of Biological Chemistry</i> , 1996, 271, 30677-30684.	1.6	118
14	Aberrant Splicing and Altered Spatial Expression Patterns in <i>fruitless</i> Mutants of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2000, 154, 725-745.	1.2	115
15	Isoform-Specific Control of Male Neuronal Differentiation and Behavior in <i>Drosophila</i> by the <i>fruitless</i> Gene. <i>Current Biology</i> , 2006, 16, 1063-1076.	1.8	110
16	A single-cell transcriptomic atlas of the adult <i>Drosophila</i> ventral nerve cord. <i>ELife</i> , 2020, 9, .	2.8	104
17	Male-Specific <i>Fruitless</i> Isoforms Target Neurodevelopmental Genes to Specify a Sexually Dimorphic Nervous System. <i>Current Biology</i> , 2014, 24, 229-241.	1.8	95
18	Defective Learning in Mutants of the <i>Drosophila</i> Gene for a Regulatory Subunit of cAMP-Dependent Protein Kinase. <i>Journal of Neuroscience</i> , 1997, 17, 8817-8827.	1.7	73

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19	Sperm and sex peptide stimulate aggression in female <i>Drosophila</i> . <i>Nature Ecology and Evolution</i> , 2017, 1, 0154.	3.4	73
20	Substrate-Borne Vibratory Communication during Courtship in <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2012, 22, 2180-2185.	1.8	71
21	Functional Conservation of the fruitless Male Sex-Determination Gene Across 250 Myr of Insect Evolution. <i>Molecular Biology and Evolution</i> , 2006, 23, 633-643.	3.5	68
22	Characterization of <i>Drosophila</i> fruitless-gal4 transgenes reveals expression in male-specific fruitless neurons and innervation of male reproductive structures. <i>Journal of Comparative Neurology</i> , 2004, 475, 270-287.	0.9	63
23	Activation of Latent Courtship Circuitry in the Brain of <i>Drosophila</i> Females Induces Male-like Behaviors. <i>Current Biology</i> , 2016, 26, 2508-2515.	1.8	62
24	The <i>fruitless</i> Gene Is Required for the Proper Formation of Axonal Tracts in the Embryonic Central Nervous System of <i>Drosophila</i> . <i>Genetics</i> , 2002, 162, 1703-1724.	1.2	56
25	Analysis of the gene encoding a 16-kDa proteolipid subunit of the vacuolar H <sup>+</sup> -ATPase from <i>Manduca sexta</i> midgut and tubules. <i>Gene</i> , 1992, 122, 355-360.	1.0	51
26	Neural circuitry coordinating male copulation. <i>ELife</i> , 2016, 5, .	2.8	50
27	Sex-specific responses to sexual familiarity, and the role of olfaction in <i>Drosophila</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131691.	1.2	43
28	Sexual Dimorphism: Can You Smell the Difference?. <i>Current Biology</i> , 2008, 18, R425-R427.	1.8	38
29	Ovipositor Extrusion Promotes the Transition from Courtship to Copulation and Signals Female Acceptance in <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2020, 30, 3736-3748.e5.	1.8	38
30	A sex-specific switch between visual and olfactory inputs underlies adaptive sex differences in behavior. <i>Current Biology</i> , 2021, 31, 1175-1191.e6.	1.8	38
31	A circuit logic for sexually shared and dimorphic aggressive behaviors in <i>Drosophila</i> . <i>Cell</i> , 2021, 184, 507-520.e16.	13.5	35
32	Genetic Control of Courtship Behavior in the Housefly: Evidence for a Conserved Bifurcation of the Sex-Determining Pathway. <i>PLoS ONE</i> , 2013, 8, e62476.	1.1	32
33	Molecular neurogenetics of sexual differentiation and behaviour. <i>Current Opinion in Neurobiology</i> , 1999, 9, 759-765.	2.0	29
34	Genes Mediating Sex-Specific Behaviors in <i>Drosophila</i> . <i>Advances in Genetics</i> , 2002, 47, 87-117e.	0.8	29
35	GAL4 enhancer trap targeting of the <i>Drosophila</i> sex determination gene fruitless. <i>Genesis</i> , 2005, 42, 236-246.	0.8	21
36	Fruitless isoforms and target genes specify the sexually dimorphic nervous system underlying <i>Drosophila</i> reproductive behavior. <i>Fly</i> , 2014, 8, 95-100.	0.9	21

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37	To court or not to court – a multimodal sensory decision in <i>Drosophila</i> males. <i>Current Opinion in Insect Science</i> , 2019, 35, 48-53.	2.2	18
38	Abnormal Courtship Conditioning in Males Mutant for the RI Regulatory Subunit of <i>Drosophila</i> Protein Kinase A. <i>Journal of Neurogenetics</i> , 1999, 13, 105-118.	0.6	15
39	ISOGENIC AUTOSOMES TO BE APPLIED IN OPTIMAL SCREENING FOR NOVEL MUTANTS WITH VIABLE PHENOTYPES IN <i>DROSOPHILA MELANOGASTER</i> . <i>Journal of Neurogenetics</i> , 2005, 19, 57-85.	0.6	14
40	Molecular Mechanisms of Sexually Dimorphic Nervous System Patterning in Flies and Worms. <i>Annual Review of Cell and Developmental Biology</i> , 2021, 37, 519-547.	4.0	13
41	Interactions between the sexual identity of the nervous system and the social environment mediate lifespan in <i>Drosophila melanogaster</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, .	1.2	10
42	Distinct Roles and Synergistic Function of FruM Isoforms in <i>Drosophila</i> Olfactory Receptor Neurons. <i>Cell Reports</i> , 2020, 33, 108516.	2.9	10
43	Aggression: Tachykinin Is All the Rage. <i>Current Biology</i> , 2014, 24, R243-R244.	1.8	8
44	Genome-wide approaches to understanding behaviour in <i>Drosophila melanogaster</i> . <i>Briefings in Functional Genomics</i> , 2012, 11, 395-404.	1.3	6
45	Fly Courtship Song: Triggering the Light Fantastic. <i>Cell</i> , 2008, 133, 210-212.	13.5	4
46	Invertebrate Neuroethology: Food Play and Sex. <i>Current Biology</i> , 2011, 21, R960-R962.	1.8	4
47	The Best Laid Plans: Analyzing Courtship Defects in <i>Drosophila</i> . <i>Cold Spring Harbor Protocols</i> , 2012, 2012, pdb.prot071647.	0.2	3
48	Female <i>Drosophila melanogaster</i> respond to song-amplitude modulations. <i>Biology Open</i> , 2018, 7, .	0.6	3
49	Spatial, temporal, and sexually dimorphic expression patterns of the fruitless gene in the <i>Drosophila</i> central nervous system. , 2000, 43, 404.		2
50	Sex-specific responses to sexual familiarity, and the role of olfaction in <i>Drosophila</i> : a new analysis confirms original results. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140512.	1.2	1
51	<i>Drosophila</i> Courtship: Love Is Not Blind. <i>Current Biology</i> , 2018, 28, R840-R842.	1.8	1
52	Generation and characterization of fruitless P1 promoter mutant in <i>Drosophila melanogaster</i> . <i>Journal of Neurogenetics</i> , 2021, 35, 285-294.	0.6	1
53	Preface. <i>Advances in Genetics</i> , 2012, 77, ix-x.	0.8	0
54	Stephen F. Goodwin. <i>Current Biology</i> , 2014, 24, R720-R722.	1.8	0

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55	Preface. <i>Advances in Genetics</i> , 2017, 99, ix.	0.8	0