Coral G Warr

List of Publications by Year
in descending order

50 papers	4,649 citations	279798 23 h-index	189892 50 g-index
55 all docs	55 docs citations	55 times ranked	3426 citing authors

#	Article	IF	Citations
1	A Novel Family of Divergent Seven-Transmembrane Proteins. Neuron, 1999, 22, 327-338.	8.1	1,092
2	Molecular evolution of the insect chemoreceptor gene superfamily in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14537-14542.	7.1	703
3	Candidate Taste Receptors in Drosophila. Science, 2000, 287, 1830-1834.	12.6	568
4	Integrating the Molecular and Cellular Basis of Odor Coding in the Drosophila Antenna. Neuron, 2003, 37, 827-841.	8.1	504
5	Drosophila odorant receptors are novel seven transmembrane domain proteins that can signal independently of heterotrimeric G proteins. Insect Biochemistry and Molecular Biology, 2008, 38, 770-780.	2.7	262
6	Coexpression of Two Functional Odor Receptors in One Neuron. Neuron, 2005, 45, 661-666.	8.1	220
7	Molecular basis of female-specific odorant responses in Bombyx mori. Insect Biochemistry and Molecular Biology, 2009, 39, 189-197.	2.7	124
8	Identification and characterization of two distinct calmodulin-binding sites in the Trpl ion-channel protein of Drosophila melanogaster. Biochemical Journal, 1996, 314, 497-503.	3.7	99
9	A Syndromic Neurodevelopmental Disorder Caused by De Novo Variants in EBF3. American Journal of Human Genetics, 2017, 100, 128-137.	6.2	96
10	The Toll and Imd Pathways Are Not Required for Wolbachia-Mediated Dengue Virus Interference. Journal of Virology, 2013, 87, 11945-11949.	3.4	84
11	Functional analysis of a Drosophila melanogaster olfactory receptor expressed in Sf9 cells. Journal of Neuroscience Methods, 2007, 159, 189-194.	2.5	71
12	Detection of Volatile Indicators of Illicit Substances by the Olfactory Receptors of Drosophila melanogaster. Chemical Senses, 2010, 35, 613-625.	2.0	60
13	Functional and molecular evolution of olfactory neurons and receptors for aliphatic esters across the Drosophila genus. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2010, 196, 97-109.	1.6	52
14	Systematic functional characterization of putative zinc transport genes and identification of zinc toxicosis phenotypes inDrosophila melanogaster. Journal of Experimental Biology, 2012, 215, 3254-65.	1.7	48
15	Torso-like functions independently of Torso to regulate Drosophila growth and developmental timing. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14688-14692.	7.1	48
16	Molecular and cellular organization of insect chemosensory neurons. BioEssays, 2006, 28, 23-34.	2.5	41
17	A Unified Nomenclature System for the Drosophila Odorant Receptors. Cell, 2000, 102, 145-146.	28.9	37
18	Regulation of ecdysone production in Drosophila by neuropeptides and peptide hormones. Open Biology, 2021, 11, 200373.	3.6	36

#	Article	IF	Citations
19	Dock/Nck facilitates PTP61F/PTP1B regulation of insulin signalling. Biochemical Journal, 2011, 439, 151-159.	3.7	32
20	Torso-like mediates extracellular accumulation of Furin-cleaved Trunk to pattern the Drosophila embryo termini. Nature Communications, 2015, 6, 8759.	12.8	31
21	Chemical Communication in Insects: The Peripheral Odour Coding System of Drosophila Melanogaster. Advances in Experimental Medicine and Biology, 2012, 739, 59-77.	1.6	28
22	Copper overload and deficiency both adversely affect the central nervous system of Drosophila. Metallomics, 2014, 6, 2223-2229.	2.4	28
23	Two uptake hydrogenases differentially interact with the aerobic respiratory chain during mycobacterial growth and persistence. Journal of Biological Chemistry, 2019, 294, 18980-18991.	3.4	28
24	Selective Pressures on Drosophila Chemosensory Receptor Genes. Journal of Molecular Evolution, 2007, 64, 628-636.	1.8	26
25	Trunk cleavage is essential for Drosophila terminal patterning and can occur independently of Torso-like. Nature Communications, 2014, 5, 3419.	12.8	26
26	In vivo zinc toxicity phenotypes provide a sensitized background that suggests zinc transport activities for most of the Drosophila Zip and ZnT genes. Journal of Biological Inorganic Chemistry, 2013, 18, 323-332.	2.6	25
27	The Nucleus- and Endoplasmic Reticulum-Targeted Forms of Protein Tyrosine Phosphatase 61F Regulate Drosophila Growth, Life Span, and Fecundity. Molecular and Cellular Biology, 2013, 33, 1345-1356.	2.3	22
28	Using Mouse and Drosophila Models to Investigate the Mechanistic Links between Diet, Obesity, Type II Diabetes, and Cancer. International Journal of Molecular Sciences, 2018, 19, 4110.	4.1	22
29	Reduced glutathione biosynthesis in Drosophila melanogaster causes neuronal defects linked to copper deficiency. Journal of Neurochemistry, 2016, 137, 360-370.	3.9	21
30	A Screen for Genes Expressed in the Olfactory Organs of Drosophila melanogaster Identifies Genes Involved in Olfactory Behaviour. PLoS ONE, 2012, 7, e35641.	2.5	20
31	Drosophila olfactory receptors as classifiers for volatiles from disparate real world applications. Bioinspiration and Biomimetics, 2014, 9, 046007.	2.9	19
32	The Drosophila melanogaster Phospholipid Flippase dATP8B Is Required for Odorant Receptor Function. PLoS Genetics, 2014, 10, e1004209.	3.5	19
33	Molecular and Functional Evolution at the Odorant Receptor Or22 Locus in Drosophila melanogaster. Molecular Biology and Evolution, 2019, 36, 919-929.	8.9	16
34	High resolution structure of cleaved Serpin 42ÂDa from Drosophila melanogaster. BMC Structural Biology, 2014, 14, 14.	2.3	15
35	A role for dZIP89B in Drosophila dietary zinc uptake reveals additional complexity in the zinc absorption process. International Journal of Biochemistry and Cell Biology, 2015, 69, 11-19.	2.8	15
36	MACPF/CDC proteins in development: Insights from Drosophila torso-like. Seminars in Cell and Developmental Biology, 2017, 72, 163-170.	5.0	14

#	Article	IF	Citations
37	Development of the Cellular Immune System of Drosophila Requires the Membrane Attack Complex/Perforin-Like Protein Torso-Like. Genetics, 2016, 204, 675-681.	2.9	11
38	Maternal Torso-Like Coordinates Tissue Folding During Drosophila Gastrulation. Genetics, 2017, 206, 1459-1468.	2.9	11
39	Capturing embryonic development from metamorphosis: how did the terminal patterning signalling pathway of Drosophila evolve?. Current Opinion in Insect Science, 2014, 1, 45-51.	4.4	9
40	Differential regulation of protein tyrosine kinase signalling by Dock and the <scp>PTP</scp>61F variants. FEBS Journal, 2017, 284, 2231-2250.	4.7	9
41	Torso-Like Is a Component of the Hemolymph and Regulates the Insulin Signaling Pathway in Drosophila. Genetics, 2018, 208, 1523-1533.	2.9	8
42	Insulin-Like Signalling Influences the Coordination of Larval Hemocyte Number with Body Size inDrosophila melanogaster. G3: Genes, Genomes, Genetics, 2020, 10, 2213-2220.	1.8	8
43	A role for the Drosophila zinc transporter Zip88E in protecting against dietary zinc toxicity. PLoS ONE, 2017, 12, e0181237.	2.5	8
44	The torso-like gene functions to maintain the structure of the vitelline membrane in Nasonia vitripennis, implying its co-option into Drosophila axis formation. Biology Open, 2019, 8, .	1.2	7
45	A New Role for Neuropeptide F Signaling in Controlling Developmental Timing and Body Size in Drosophila melanogaster. Genetics, 2020, 216, 135-144.	2.9	7
46	Vacuolar-type H⁺-ATPase subunits and the neurogenic protein big brain are required for optimal copper and zinc uptake. Metallomics, 2014, 6, 2100-2108.	2.4	5
47	Natural variation at the Drosophila melanogaster Or22 odorant receptor locus is associated with changes in olfactory behaviour. Open Biology, 2021, 11, 210158.	3.6	5
48	A cis-regulatory-directed pipeline for the identification of genes involved in cardiac development and disease. Genome Biology, 2021, 22, 335.	8.8	4
49	Macrophage selfâ€renewal is regulated by transient expression of PDGFâ€and VEGFâ€related factor 2. FEBS Journal, 2022, 289, 3735-3751.	4.7	2
50	Genome-Wide Screen for New Components of theDrosophila melanogasterTorso Receptor Tyrosine Kinase Pathway. G3: Genes, Genomes, Genetics, 2018, 8, 761-769.	1.8	1