

Carl S Thummel

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1491181/carl-s-thummel-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

16,406
citations

55
h-index

128
g-index

184
ext. papers

17,803
ext. citations

15.6
avg, IF

6.5
L-index

#	Paper	IF	Citations
101	The nuclear receptor superfamily: the second decade. <i>Cell</i> , 1995 , 83, 835-9	56.2	5950
100	Vectors for Drosophila P-element-mediated transformation and tissue culture transfection. <i>Gene</i> , 1988 , 74, 445-56	3.8	547
99	A mitochondrial pyruvate carrier required for pyruvate uptake in yeast, Drosophila, and humans. <i>Science</i> , 2012 , 337, 96-100	33.3	514
98	Nuclear receptors--a perspective from Drosophila. <i>Nature Reviews Genetics</i> , 2005 , 6, 311-23	30.1	431
97	Flies on steroids--Drosophila metamorphosis and the mechanisms of steroid hormone action. <i>Trends in Genetics</i> , 1996 , 12, 306-10	8.5	418
96	The Drosophila 74EF early puff contains E74, a complex ecdysone-inducible gene that encodes two ets-related proteins. <i>Cell</i> , 1990 , 61, 85-99	56.2	380
95	Diabetic larvae and obese flies--emerging studies of metabolism in Drosophila. <i>Cell Metabolism</i> , 2007 , 6, 257-66	24.6	348
94	Prothoracicotropic hormone regulates developmental timing and body size in Drosophila. <i>Developmental Cell</i> , 2007 , 13, 857-71	10.2	324
93	From embryogenesis to metamorphosis: the regulation and function of Drosophila nuclear receptor superfamily members. <i>Cell</i> , 1995 , 83, 871-7	56.2	307
92	Molecular mechanisms of developmental timing in C. elegans and Drosophila. <i>Developmental Cell</i> , 2001 , 1, 453-65	10.2	252
91	Spatial and temporal patterns of E74 transcription during Drosophila development. <i>Cell</i> , 1990 , 61, 101-11	56.2	231
90	Molecular analysis of the initiation of insect metamorphosis: a comparative study of Drosophila ecdysteroid-regulated transcription. <i>Developmental Biology</i> , 1993 , 160, 388-404	3.1	229
89	A steroid-triggered transcriptional hierarchy controls salivary gland cell death during Drosophila metamorphosis. <i>Molecular Cell</i> , 2000 , 5, 445-55	17.6	227
88	Methods for studying metabolism in Drosophila. <i>Methods</i> , 2014 , 68, 105-15	4.6	223
87	The Drosophila beta FTZ-F1 orphan nuclear receptor provides competence for stage-specific responses to the steroid hormone ecdysone. <i>Molecular Cell</i> , 1999 , 3, 143-9	17.6	210
86	The Drosophila orphan nuclear receptor DHR38 mediates an atypical ecdysteroid signaling pathway. <i>Cell</i> , 2003 , 113, 731-42	56.2	203
85	A molecular mechanism for the stage specificity of the Drosophila prepupal genetic response to ecdysone. <i>Cell</i> , 1994 , 79, 607-15	56.2	192

84	Molecular interactions within the ecdysone regulatory hierarchy: DNA binding properties of the <i>Drosophila</i> ecdysone-inducible E74A protein. <i>Cell</i> , 1990 , 63, 47-61	56.2	192
83	The <i>Drosophila</i> estrogen-related receptor directs a metabolic switch that supports developmental growth. <i>Cell Metabolism</i> , 2011 , 13, 139-48	24.6	182
82	<i>Drosophila</i> HNF4 regulates lipid mobilization and beta-oxidation. <i>Cell Metabolism</i> , 2009 , 9, 228-39	24.6	182
81	Transcriptional regulation of xenobiotic detoxification in <i>Drosophila</i> . <i>Genes and Development</i> , 2011 , 25, 1796-806	12.6	182
80	E93 directs steroid-triggered programmed cell death in <i>Drosophila</i> . <i>Molecular Cell</i> , 2000 , 6, 433-43	17.6	160
79	Ecdysteroid regulation and DNA binding properties of <i>Drosophila</i> nuclear hormone receptor superfamily members. <i>Developmental Biology</i> , 1995 , 168, 490-502	3.1	156
78	The DHR96 nuclear receptor regulates xenobiotic responses in <i>Drosophila</i> . <i>Cell Metabolism</i> , 2006 , 4, 37-48	24.6	154
77	Control of intestinal stem cell function and proliferation by mitochondrial pyruvate metabolism. <i>Nature Cell Biology</i> , 2017 , 19, 1027-1036	23.4	152
76	Mechanisms of steroid-triggered programmed cell death in <i>Drosophila</i> . <i>Seminars in Cell and Developmental Biology</i> , 2005 , 16, 237-43	7.5	152
75	Temporal profiles of nuclear receptor gene expression reveal coordinate transcriptional responses during <i>Drosophila</i> development. <i>Molecular Endocrinology</i> , 2003 , 17, 2125-37		144
74	Coordinating growth and maturation - insights from <i>Drosophila</i> . <i>Current Biology</i> , 2011 , 21, R750-7	6.3	139
73	Loss of the ecdysteroid-inducible E75A orphan nuclear receptor uncouples molting from metamorphosis in <i>Drosophila</i> . <i>Developmental Cell</i> , 2002 , 3, 209-20	10.2	139
72	Ecdysone-regulated puff genes 2000. <i>Insect Biochemistry and Molecular Biology</i> , 2002 , 32, 113-20	4.5	139
71	Essential roles for ecdysone signaling during <i>Drosophila</i> mid-embryonic development. <i>Science</i> , 2003 , 301, 1911-4	33.3	133
70	Inducible expression of double-stranded RNA directs specific genetic interference in <i>Drosophila</i> . <i>Current Biology</i> , 2000 , 10, 957-63	6.3	129
69	Steroid signaling in plants and insects--common themes, different pathways. <i>Genes and Development</i> , 2002 , 16, 3113-29	12.6	120
68	Steroid regulation of postembryonic development and reproduction in <i>Drosophila</i> . <i>Trends in Endocrinology and Metabolism</i> , 2000 , 11, 276-80	8.8	120
67	The <i>Drosophila</i> E93 gene from the 93F early puff displays stage- and tissue-specific regulation by 20-hydroxyecdysone. <i>Developmental Biology</i> , 1995 , 171, 85-97	3.1	118

66	The DHR96 nuclear receptor controls triacylglycerol homeostasis in <i>Drosophila</i> . <i>Cell Metabolism</i> , 2009 , 10, 481-90	24.6	109
65	DHR3 is required for the prepupal-pupal transition and differentiation of adult structures during <i>Drosophila</i> metamorphosis. <i>Developmental Biology</i> , 1999 , 212, 204-16	3.1	103
64	Coordinate regulation of small temporal RNAs at the onset of <i>Drosophila</i> metamorphosis. <i>Developmental Biology</i> , 2003 , 259, 1-8	3.1	102
63	Methods for quantitative analysis of transcription in larvae and prepupae. <i>Methods in Cell Biology</i> , 1994 , 44, 565-73	1.8	102
62	The <i>Drosophila</i> 78C early late puff contains E78, an ecdysone-inducible gene that encodes a novel member of the nuclear hormone receptor superfamily. <i>Cell</i> , 1993 , 75, 307-20	56.2	98
61	The ecdysone-induced DHR4 orphan nuclear receptor coordinates growth and maturation in <i>Drosophila</i> . <i>Cell</i> , 2005 , 121, 773-84	56.2	91
60	Expression of SV40 T antigen under control of adenovirus promoters. <i>Cell</i> , 1981 , 23, 825-36	56.2	85
59	Dynamic regulation of <i>Drosophila</i> nuclear receptor activity in vivo. <i>Development (Cambridge)</i> , 2006 , 133, 3549-62	6.6	83
58	The <i>Drosophila</i> DHR96 nuclear receptor binds cholesterol and regulates cholesterol homeostasis. <i>Genes and Development</i> , 2009 , 23, 2711-6	12.6	82
57	A balance between the diap1 death inhibitor and reaper and hid death inducers controls steroid-triggered cell death in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8022-7	11.5	82
56	Coordinated metabolic transitions during <i>Drosophila</i> embryogenesis and the onset of aerobic glycolysis. <i>G3: Genes, Genomes, Genetics</i> , 2014 , 4, 839-50	3.2	79
55	The LYR factors SDHAF1 and SDHAF3 mediate maturation of the iron-sulfur subunit of succinate dehydrogenase. <i>Cell Metabolism</i> , 2014 , 20, 253-66	24.6	75
54	Coordination of triacylglycerol and cholesterol homeostasis by DHR96 and the <i>Drosophila</i> LipA homolog magro. <i>Cell Metabolism</i> , 2012 , 15, 122-7	24.6	75
53	Constitutive activation of the Nrf2/Keap1 pathway in insecticide-resistant strains of <i>Drosophila</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013 , 43, 1116-24	4.5	73
52	Translational control of SV40 T antigen expressed from the adenovirus late promoter. <i>Cell</i> , 1983 , 33, 455-64	56.2	73
51	Steroid-triggered death by autophagy. <i>BioEssays</i> , 2001 , 23, 677-82	4.1	63
50	SDHAF4 promotes mitochondrial succinate dehydrogenase activity and prevents neurodegeneration. <i>Cell Metabolism</i> , 2014 , 20, 241-52	24.6	61
49	Isolation and characterization of five <i>Drosophila</i> genes that encode an ets-related DNA binding domain. <i>Developmental Biology</i> , 1992 , 151, 176-91	3.1	60

48	The Drosophila nuclear receptors DHR3 and betaFTZ-F1 control overlapping developmental responses in late embryos. <i>Development (Cambridge)</i> , 2010 , 137, 123-31	6.6	56
47	Puffs and gene regulation--molecular insights into the Drosophila ecdysone regulatory hierarchy. <i>BioEssays</i> , 1990 , 12, 561-8	4.1	56
46	The DHR78 nuclear receptor is required for ecdysteroid signaling during the onset of Drosophila metamorphosis. <i>Cell</i> , 1998 , 93, 543-55	56.2	55
45	Dueling orphans--interacting nuclear receptors coordinate Drosophila metamorphosis. <i>BioEssays</i> , 1997 , 19, 669-72	4.1	54
44	Spatial patterns of ecdysteroid receptor activation during the onset of Drosophila metamorphosis. <i>Development (Cambridge)</i> , 2002 , 129, 1739-1750	6.6	54
43	The Drosophila HNF4 nuclear receptor promotes glucose-stimulated insulin secretion and mitochondrial function in adults. <i>ELife</i> , 2016 , 5,	8.9	53
42	Specific transcriptional responses to juvenile hormone and ecdysone in Drosophila. <i>Insect Biochemistry and Molecular Biology</i> , 2007 , 37, 570-8	4.5	51
41	Transcriptional activation of the Drosophila ecdysone receptor by insect and plant ecdysteroids. <i>Insect Biochemistry and Molecular Biology</i> , 2000 , 30, 1037-43	4.5	51
40	Regulation of Tumor Initiation by the Mitochondrial Pyruvate Carrier. <i>Cell Metabolism</i> , 2020 , 31, 284-300	2.7	49
39	The ecdysone regulatory pathway controls wing morphogenesis and integrin expression during Drosophila metamorphosis. <i>Developmental Biology</i> , 2000 , 220, 211-24	3.1	48
38	rigor mortis encodes a novel nuclear receptor interacting protein required for ecdysone signaling during Drosophila larval development. <i>Development (Cambridge)</i> , 2004 , 131, 25-36	6.6	47
37	GFP in living animals reveals dynamic developmental responses to ecdysone during Drosophila metamorphosis. <i>Developmental Biology</i> , 2003 , 256, 389-402	3.1	44
36	The Drosophila NR4A nuclear receptor DHR38 regulates carbohydrate metabolism and glycogen storage. <i>Molecular Endocrinology</i> , 2011 , 25, 83-91		42
35	Molecular characterization of the 71E late puff in Drosophila melanogaster reveals a family of novel genes. <i>Journal of Molecular Biology</i> , 1996 , 255, 387-400	6.5	38
34	The circadian clock, light, and cryptochrome regulate feeding and metabolism in Drosophila. <i>Journal of Biological Rhythms</i> , 2011 , 26, 497-506	3.2	37
33	Down-regulation of inhibitor of apoptosis levels provides competence for steroid-triggered cell death. <i>Journal of Cell Biology</i> , 2007 , 178, 85-92	7.3	37
32	Epigenetic inheritance of metabolic state. <i>Current Opinion in Genetics and Development</i> , 2014 , 27, 43-7	4.9	31
31	Genetic modifier screens in Drosophila demonstrate a role for Rho1 signaling in ecdysone-triggered imaginal disc morphogenesis. <i>Genetics</i> , 2003 , 165, 1397-415	4	30

30	An ancestral role for the mitochondrial pyruvate carrier in glucose-stimulated insulin secretion. <i>Molecular Metabolism</i> , 2016 , 5, 602-614	8.8	30
29	Drosophila HNF4 Directs a Switch in Lipid Metabolism that Supports the Transition to Adulthood. <i>Developmental Cell</i> , 2019 , 48, 200-214.e6	10.2	30
28	Indicted: worms caught using steroids. <i>Cell</i> , 2006 , 124, 1137-40	56.2	29
27	Med24 and Mdh2 are required for Drosophila larval salivary gland cell death. <i>Developmental Dynamics</i> , 2010 , 239, 954-64	2.9	27
26	Sir2 Acts through Hepatocyte Nuclear Factor 4 to maintain insulin Signaling and Metabolic Homeostasis in Drosophila. <i>PLoS Genetics</i> , 2016 , 12, e1005978	6	27
25	Drosophila DHR38 nuclear receptor is required for adult cuticle integrity at eclosion. <i>Developmental Dynamics</i> , 2009 , 238, 701-7	2.9	24
24	A genetic screen identifies new regulators of steroid-triggered programmed cell death in Drosophila. <i>Genetics</i> , 2008 , 180, 269-81	4	24
23	Metabolomic Studies in. <i>Genetics</i> , 2017 , 206, 1169-1185	4	23
22	Developmental biology. Less steroids make bigger flies. <i>Science</i> , 2005 , 310, 630-1	33.3	22
21	Developmental timing: let-7 function conserved through evolution. <i>Current Biology</i> , 2008 , 18, R707-8	6.3	21
20	dTrf2 is required for transcriptional and developmental responses to ecdysone during Drosophila metamorphosis. <i>Developmental Dynamics</i> , 2007 , 236, 3173-9	2.9	17
19	An enhancer trap screen for ecdysone-inducible genes required for Drosophila adult leg morphogenesis. <i>Genetics</i> , 2000 , 156, 1765-76	4	14
18	Functional interactions between the Moses corepressor and DHR78 nuclear receptor regulate growth in Drosophila. <i>Genes and Development</i> , 2007 , 21, 450-64	12.6	13
17	Genetic analysis of the Drosophila 63F early puff. Characterization of mutations in E63-1 and maggie, a putative Tom22. <i>Genetics</i> , 2000 , 156, 229-44	4	13
16	estrogen-related receptor directs a transcriptional switch that supports adult glycolysis and lipogenesis. <i>Genes and Development</i> , 2020 , 34, 701-714	12.6	12
15	Essential roles for the Dhr78 orphan nuclear receptor during molting of the Drosophila tracheal system. <i>Insect Biochemistry and Molecular Biology</i> , 2003 , 33, 1201-9	4.5	12
14	For Intestinal Homeostasis, You Are What You Eat. <i>Developmental Cell</i> , 2018 , 47, 1-2	10.2	12
13	Parental obesity leads to metabolic changes in the F2 generation in. <i>Molecular Metabolism</i> , 2017 , 6, 631-639	6.39	11

12	Regulation of Intestinal Stem Cell Proliferation by Enterocyte Mitochondrial Pyruvate Metabolism. <i>G3: Genes, Genomes, Genetics</i> , 2019 , 9, 3623-3630	3.2	11
11	Powered by gas--a ligand for a fruit fly nuclear receptor. <i>Cell</i> , 2005 , 122, 151-3	56.2	9
10	Right time, right place: the temporal regulation of developmental gene expression. <i>Genes and Development</i> , 2017 , 31, 847-848	12.6	4
9	Functional analysis of Aarf domain-containing kinase 1 in <i>Drosophila melanogaster</i> . <i>Developmental Dynamics</i> , 2019 , 248, 762-770	2.9	4
8	To die or not to die--a role for Fork head. <i>Journal of Cell Biology</i> , 2007 , 176, 737-9	7.3	3
7	Linking Nutrients to Growth through a Positive Feedback Loop. <i>Developmental Cell</i> , 2015 , 35, 265-6	10.2	2
6	<i>Drosophila</i> Nuclear Receptors 2003 , 69-73		1
5	The <i>Drosophila</i> E78 nuclear receptor regulates dietary triglyceride uptake and systemic lipid levels. <i>Developmental Dynamics</i> , 2021 , 250, 640-651	2.9	1
4	Adult functions for the <i>Drosophila</i> DHR78 nuclear receptor. <i>Developmental Dynamics</i> , 2018 , 247, 315-322.9		1
3	Regulation of male fertility and accessory gland gene expression by the <i>Drosophila</i> HR39 nuclear receptor. <i>Developmental Biology</i> , 2021 , 479, 51-60	3.1	1
2	<i>Drosophila</i> E93 promotes adult development and suppresses larval responses to ecdysone during metamorphosis. <i>Developmental Biology</i> , 2022 , 481, 104-115	3.1	0
1	A direct-drive GFP reporter for studies of tracheal development in .. <i>Fly</i> , 2022 , 16, 105-110	1.3	