

Gary Struhl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2403367/publications.pdf>

Version: 2024-02-01

48
papers

12,214
citations

87888

38
h-index

206112

48
g-index

50
all docs

50
docs citations

50
times ranked

7877
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of the Hedgehog and Wingless signalling pathways by the F-box/WD40-repeat protein Slimb. Nature, 1998, 391, 493-496.	27.8	1,610
2	Direct and Long-Range Action of a DPP Morphogen Gradient. Cell, 1996, 85, 357-368.	28.9	888
3	Compartment boundaries and the control of Drosopiffa limb pattern by hedgehog protein. Nature, 1994, 368, 208-214.	27.8	843
4	Organizing activity of wingless protein in Drosophila. Cell, 1993, 72, 527-540.	28.9	837
5	Dual Roles for Patched in Sequestering and Transducing Hedgehog. Cell, 1996, 87, 553-563.	28.9	832
6	Nuclear Access and Action of Notch In Vivo. Cell, 1998, 93, 649-660.	28.9	713
7	Direct and Long-Range Action of a Wingless Morphogen Gradient. Cell, 1996, 87, 833-844.	28.9	700
8	Morphogens, Compartments, and Pattern: Lessons from Drosophila?. Cell, 1996, 85, 951-961.	28.9	547
9	Requirements for Presenilin-Dependent Cleavage of Notch and Other Transmembrane Proteins. Molecular Cell, 2000, 6, 625-636.	9.7	393
10	A gene product required for correct initiation of segmental determination in Drosophila. Nature, 1981, 293, 36-41.	27.8	378
11	Cis- acting sequences responsible for anterior localization of bicoid mRNA in Drosophila embryos. Nature, 1988, 336, 595-598.	27.8	345
12	RNA recognition and translational regulation by a homeodomain protein. Nature, 1996, 379, 694-699.	27.8	332
13	Protein kinase A and hedgehog signaling in drosophila limb development. Cell, 1995, 80, 563-572.	28.9	324
14	A homoeotic mutation transforming leg to antenna in Drosophila. Nature, 1981, 292, 635-638.	27.8	260
15	Borders of parasegments in Drosophila embryos are delimited by the fushi tarazu and even-skipped genes. Nature, 1987, 328, 440-442.	27.8	240
16	Drosophila Epsin mediates a select endocytic pathway that DSL ligands must enter to activate Notch. Development (Cambridge), 2004, 131, 5367-5380.	2.5	220
17	Differing strategies for organizing anterior and posterior body pattern in Drosophila embryos. Nature, 1989, 338, 741-744.	27.8	211
18	Planar cell polarity: one or two pathways?. Nature Reviews Genetics, 2007, 8, 555-563.	16.3	204

#	ARTICLE	IF	CITATIONS
19	Two separate molecular systems, Dachsovs/Fat and Starry night/Frizzled, act independently to confer planar cell polarity. <i>Development (Cambridge)</i> , 2006, 133, 4561-4572.	2.5	195
20	Causal role for inheritance of H3K27me3 in maintaining the OFF state of a <i>Drosophila</i> HOX gene. <i>Science</i> , 2017, 356, .	12.6	182
21	Distinct roles for Mind bomb, Neuralized and Epsin in mediating DSL endocytosis and signaling in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2005, 132, 2883-2894.	2.5	158
22	Nicastrin is required for Presenilin-mediated transmembrane cleavage in <i>Drosophila</i> . <i>Nature Cell Biology</i> , 2001, 3, 1129-1132.	10.3	152
23	Cell interactions and planar polarity in the abdominal epidermis of <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2004, 131, 4651-4664.	2.5	150
24	Developmental Compartments and Planar Polarity in <i>Drosophila</i> . <i>Current Biology</i> , 2002, 12, 1189-1198.	3.9	136
25	Splitting the bithorax complex of <i>Drosophila</i> . <i>Nature</i> , 1984, 308, 454-457.	27.8	133
26	A Feed-Forward Circuit Linking Wingless, Fat-Dachsovs Signaling, and the Warts-Hippo Pathway to <i>Drosophila</i> Wing Growth. <i>PLoS Biology</i> , 2010, 8, e1000386.	5.6	130
27	Early role of the <i>esc+</i> gene product in the determination of segments in <i>Drosophila</i> . <i>Cell</i> , 1982, 31, 285-292.	28.9	118
28	Epsin-Dependent Ligand Endocytosis Activates Notch by Force. <i>Cell</i> , 2017, 171, 1383-1396.e12.	28.9	103
29	The torso receptor localizes as well as transduces the spatial signal specifying terminal body pattern in <i>Drosophila</i> . <i>Nature</i> , 1993, 362, 152-155.	27.8	95
30	Recruitment of cells into the <i>Drosophila</i> wing primordium by a feed-forward circuit of <i>vestigial</i> autoregulation. <i>Development (Cambridge)</i> , 2007, 134, 3001-3010.	2.5	95
31	Subdivision of the <i>Drosophila</i> wing imaginal disc by EGFR-mediated signaling. <i>Development (Cambridge)</i> , 2002, 129, 1357-1368.	2.5	85
32	Control of <i>Drosophila</i> wing growth by the <i>vestigial</i> quadrant enhancer. <i>Development (Cambridge)</i> , 2007, 134, 3011-3020.	2.5	70
33	Do the protocadherins Fat and Dachsovs link up to determine both planar cell polarity and the dimensions of organs?. <i>Nature Cell Biology</i> , 2008, 10, 1379-1382.	10.3	70
34	Control of growth and patterning of the <i>Drosophila</i> wing imaginal disc by EGFR-mediated signaling. <i>Development (Cambridge)</i> , 2002, 129, 1369-1376.	2.5	69
35	Dissecting the molecular bridges that mediate the function of Frizzled in planar cell polarity. <i>Development (Cambridge)</i> , 2012, 139, 3665-3674.	2.5	62
36	Sequence-specific RNA binding by Bicoid. <i>Nature</i> , 1997, 388, 634-634.	27.8	53

#	ARTICLE	IF	CITATIONS
37	Fat/Dachsous Signaling Promotes <i>Drosophila</i> Wing Growth by Regulating the Conformational State of the NDR Kinase Warts. <i>Developmental Cell</i> , 2015, 35, 737-749.	7.0	50
38	Scaling the <i>Drosophila</i> Wing: TOR-Dependent Target Gene Access by the Hippo Pathway Transducer Yorkie. <i>PLoS Biology</i> , 2015, 13, e1002274.	5.6	47
39	Subdivision of the <i>Drosophila</i> wing imaginal disc by EGFR-mediated signaling. <i>Development (Cambridge)</i> , 2002, 129, 1357-68.	2.5	37
40	Control of <i>Drosophila</i> wing size by morphogen range and hormonal gating. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31935-31944.	7.1	32
41	Control of growth and patterning of the <i>Drosophila</i> wing imaginal disc by EGFR-mediated signaling. <i>Development (Cambridge)</i> , 2002, 129, 1369-76.	2.5	30
42	Notch Is Required in Adult <i>Drosophila</i> Sensory Neurons for Morphological and Functional Plasticity of the Olfactory Circuit. <i>PLoS Genetics</i> , 2015, 11, e1005244.	3.5	28
43	Planar Cell Polarity: A Bridge Too Far?. <i>Current Biology</i> , 2008, 18, R959-R961.	3.9	17
44	A unified mechanism for the control of <i>Drosophila</i> wing growth by the morphogens Decapentaplegic and Wingless. <i>PLoS Biology</i> , 2021, 19, e3001111.	5.6	15
45	Tethered wings. <i>Nature</i> , 2014, 505, 162-163.	27.8	12
46	Morphogen Gradients and the Control of Body Pattern in Insect Embryos. <i>Novartis Foundation Symposium</i> , 1989, 144, 65-98.	1.1	5
47	Decapentaplegic "hopes held out. <i>Nature</i> , 1982, 298, 13-14.	27.8	4
48	Evolutionary plasticity in the requirement for force exerted by ligand endocytosis to activate <i>C.Âlegans</i> Notch proteins. <i>Current Biology</i> , 2022, 32, 2263-2271.e6.	3.9	4