Gary Struhl

List of Publications by Year
in descending order

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	Evolutionary plasticity in the requirement for force exerted by ligand endocytosis to activate C.Âelegans Notch proteins. Current Biology, 2022, 32, 2263-2271.e6.	3.9	4
2	A unified mechanism for the control of Drosophila wing growth by the morphogens Decapentaplegic and Wingless. PLoS Biology, 2021, 19, e3001111.	5.6	15
3	Control of <i>Drosophila</i> wing size by morphogen range and hormonal gating. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31935-31944.	7.1	32
4	Causal role for inheritance of H3K27me3 in maintaining the OFF state of a <i>Drosophila</i> HOX gene. Science, 2017, 356, .	12.6	182
5	Epsin-Dependent Ligand Endocytosis Activates Notch by Force. Cell, 2017, 171, 1383-1396.e12.	28.9	103
6	Scaling the Drosophila Wing: TOR-Dependent Target Gene Access by the Hippo Pathway Transducer Yorkie. PLoS Biology, 2015, 13, e1002274.	5.6	47
7	Fat/Dachsous Signaling Promotes Drosophila Wing Growth by Regulating the Conformational State of the NDR Kinase Warts. Developmental Cell, 2015, 35, 737-749.	7.0	50
8	Notch Is Required in Adult Drosophila Sensory Neurons for Morphological and Functional Plasticity of the Olfactory Circuit. PLoS Genetics, 2015, 11, e1005244.	3.5	28
9	Tethered wings. Nature, 2014, 505, 162-163.	27.8	12
10	Dissecting the molecular bridges that mediate the function of Frizzled in planar cell polarity. Development (Cambridge), 2012, 139, 3665-3674.	2.5	62
11	A Feed-Forward Circuit Linking Wingless, Fat-Dachsous Signaling, and the Warts-Hippo Pathway to Drosophila Wing Growth. PLoS Biology, 2010, 8, e1000386.	5.6	130
12	Do the protocadherins Fat and Dachsous link up to determine both planar cell polarity and the dimensions of organs?. Nature Cell Biology, 2008, 10, 1379-1382.	10.3	70
13	Planar Cell Polarity: A Bridge Too Far?. Current Biology, 2008, 18, R959-R961.	3.9	17
14	Control of<i>Drosophila</i>wing growth by the<i>vestigial</i>quadrant enhancer. Development (Cambridge), 2007, 134, 3011-3020.	2.5	70
15	Recruitment of cells into the<i>Drosophila</i>wing primordium by a feed-forward circuit of<i>vestigial</i>autoregulation. Development (Cambridge), 2007, 134, 3001-3010.	2.5	95
16	Planar cell polarity: one or two pathways?. Nature Reviews Genetics, 2007, 8, 555-563.	16.3	204
17	Two separate molecular systems, Dachsous/Fat and Starry night/Frizzled,act independently to confer planar cell polarity. Development (Cambridge), 2006, 133, 4561-4572.	2.5	195
18	Distinct roles for Mind bomb, Neuralized and Epsin in mediating DSL endocytosis and signaling in Drosophila. Development (Cambridge), 2005, 132, 2883-2894.	2.5	158

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19	Drosophila Epsin mediates a select endocytic pathway that DSL ligands must enter to activate Notch. Development (Cambridge), 2004, 131, 5367-5380.	2.5	220
20	Cell interactions and planar polarity in the abdominal epidermis ofDrosophila. Development (Cambridge), 2004, 131, 4651-4664.	2.5	150
21	Developmental Compartments and Planar Polarity in Drosophila. Current Biology, 2002, 12, 1189-1198.	3.9	136
22	Subdivision of the<i>Drosophila</i>wing imaginal disc by EGFR-mediated signaling. Development (Cambridge), 2002, 129, 1357-1368.	2.5	85
23	Control of growth and patterning of the<i>Drosophila</i>wing imaginal disc by EGFR-mediated signaling. Development (Cambridge), 2002, 129, 1369-1376.	2.5	69
24	Subdivision of the Drosophila wing imaginal disc by EGFR-mediated signaling. Development (Cambridge), 2002, 129, 1357-68.	2.5	37
25	Control of growth and patterning of the Drosophila wing imaginal disc by EGFR-mediated signaling. Development (Cambridge), 2002, 129, 1369-76.	2.5	30
26	Nicastrin is required for Presenilin-mediated transmembrane cleavage in Drosophila. Nature Cell Biology, 2001, 3, 1129-1132.	10.3	152
27	Requirements for Presenilin-Dependent Cleavage of Notch and Other Transmembrane Proteins. Molecular Cell, 2000, 6, 625-636.	9.7	393
28	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
29	Nuclear Access and Action of Notch In Vivo. Cell, 1998, 93, 649-660.	28.9	713
30	Sequence-specific RNA binding by Bicoid. Nature, 1997, 388, 634-634.	27.8	53
31	Direct and Long-Range Action of a DPP Morphogen Gradient. Cell, 1996, 85, 357-368.	28.9	888
32	Morphogens, Compartments, and Pattern: Lessons from Drosophila?. Cell, 1996, 85, 951-961.	28.9	547
33	Dual Roles for Patched in Sequestering and Transducing Hedgehog. Cell, 1996, 87, 553-563.	28.9	832
34	Direct and Long-Range Action of a Wingless Morphogen Gradient. Cell, 1996, 87, 833-844.	28.9	700
35	RNA recognition and translational regulation by a homeodomain protein. Nature, 1996, 379, 694-699.	27.8	332
36	Protein kinase A and hedgehog signaling in drosophila limb development. Cell, 1995, 80, 563-572.	28.9	324

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37	Compartment boundaries and the control of Drosopfiffa limb pattern by hedgehog protein. Nature, 1994, 368, 208-214.	27.8	843
38	The torso receptor localizes as well as transduces the spatial signal specifying terminal body pattern in Drosophila. Nature, 1993, 362, 152-155.	27.8	95
39	Organizing activity of wingless protein in Drosophila. Cell, 1993, 72, 527-540.	28.9	837
40	Differing strategies for organizing anterior and posterior body pattern in Drosophila embryos. Nature, 1989, 338, 741-744.	27.8	211
41	Morphogen Gradients and the Control of Body Pattern in Insect Embryos. Novartis Foundation Symposium, 1989, 144, 65-98.	1.1	5
42	Cis- acting sequences responsible for anterior localization of bicoid mRNA in Drosophila embryos. Nature, 1988, 336, 595-598.	27.8	345
43	Borders of parasegments in Drosophila embryos are delimited by the fushi tarazu and even-skipped genes. Nature, 1987, 328, 440-442.	27.8	240
44	Splitting the bithorax complex of Drosophila. Nature, 1984, 308, 454-457.	27.8	133
45	Early role of the esc+ gene product in the determination of segments in Drosophila. Cell, 1982, 31, 285-292.	28.9	118
46	Decapentaplegic â€" hopes held out. Nature, 1982, 298, 13-14.	27.8	4
47	A homoeotic mutation transforming leg to antenna in Drosophila. Nature, 1981, 292, 635-638.	27.8	260
48	A gene product required for correct initiation of segmental determination in Drosophila. Nature, 1981, 293, 36-41.	27.8	378