Konrad Basler

List of Publications by Year
in descending order

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176	24,931	9775	7511
papers	citations	73 h-index	151 g-index

195	195	195	20932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An optimized transgenesis system for Drosophila using germ-line-specific ÂC31 integrases. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3312-3317.	3.3	1,726
2	The many faces and functions of Î²-catenin. EMBO Journal, 2012, 31, 2714-2736.	3.5	1,277
3	Direct and Long-Range Action of a DPP Morphogen Gradient. Cell, 1996, 85, 357-368.	13.5	888
4	Compartment boundaries and the control of Drosopfiffa limb pattern by hedgehog protein. Nature, 1994, 368, 208-214.	13.7	843
5	Organizing activity of wingless protein in Drosophila. Cell, 1993, 72, 527-540.	13.5	837
6	Scrapie and cellular PrP isoforms are encoded by the same chromosomal gene. Cell, 1986, 46, 417-428.	13.5	801
7	Direct and Long-Range Action of a Wingless Morphogen Gradient. Cell, 1996, 87, 833-844.	13.5	700
8	Wntless, a Conserved Membrane Protein Dedicated to the Secretion of Wnt Proteins from Signaling Cells. Cell, 2006, 125, 509-522.	13.5	647
9	Wnt/Wingless Signaling Requires BCL9/Legless-Mediated Recruitment of Pygopus to the Nuclear Î²-Catenin-TCF Complex. Cell, 2002, 109, 47-60.	13.5	545
10	dMyc Transforms Cells into Super-Competitors. Cell, 2004, 117, 117-129.	13.5	534
11	Î²-Catenin hits chromatin: regulation of Wnt target gene activation. Nature Reviews Molecular Cell Biology, 2009, 10, 276-286.	16.1	520
12	Dispatched, a Novel Sterol-Sensing Domain Protein Dedicated to the Release of Cholesterol-Modified Hedgehog from Signaling Cells. Cell, 1999, 99, 803-815.	13.5	502
13	pangolinencodes a Lef-1 homologue that acts downstream of Armadillo to transduce the Wingless signal in Drosophila. Nature, 1997, 385, 829-833.	13.7	473
14	Sevenless, a cell-specific homeotic gene of Drosophila, encodes a putative transmembrane receptor with a tyrosine kinase domain. Science, 1987, 236, 55-63.	6.0	460
15	Cells compete for Decapentaplegic survival factor to prevent apoptosis in Drosophila wing development. Nature, 2002, 416, 755-759.	13.7	410
16	Skinny Hedgehog, an Acyltransferase Required for Palmitoylation and Activity of the Hedgehog Signal. Science, 2001, 293, 2080-2084.	6.0	391
17	MorphoGraphX: A platform for quantifying morphogenesis in 4D. ELife, 2015, 4, 05864.	2.8	389
18	Hedgehog Controls Limb Development by Regulating the Activities of Distinct Transcriptional Activator and Repressor Forms of Cubitus interruptus. Cell, 1999, 96, 819-831.	13.5	360

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19	The Decapentaplegic morphogen gradient: from pattern formation to growth regulation. Nature Reviews Genetics, 2007, 8, 663-674.	7.7	351
20	Evolution of TNF Signaling Mechanisms. Current Biology, 2002, 12, 1263-1268.	1.8	342
21	Control of cell pattern in the neural tube: Regulation of cell differentiation by dorsalin-1, a novel TGFÎ² family member. Cell, 1993, 73, 687-702.	13.5	325
22	Parafibromin/Hyrax Activates Wnt/Wg Target Gene Transcription by Direct Association with Î²-catenin/Armadillo. Cell, 2006, 125, 327-341.	13.5	296
23	An absolute requirement for both the type II and type I receptors, punt and thick veins, for Dpp signaling in vivo. Cell, 1995, 80, 889-897.	13.5	293
24	A SNX3-dependent retromer pathway mediates retrograde transport of the Wnt sorting receptor Wntless and is required for Wnt secretion. Nature Cell Biology, 2011, 13, 914-923.	4.6	286
25	Hedgehog-Mediated Patterning of the Mammalian Embryo Requires Transporter-like Function of Dispatched. Cell, 2002, 111, 63-75.	13.5	283
26	Sending and Receiving the Hedgehog Signal: Control by the Drosophila Gli Protein Cubitus interruptus. Science, 1996, 272, 1621-1625.	6.0	282
27	A versatile platform for creating a comprehensive UAS-ORFeome library in Drosophila. Development (Cambridge), 2013, 140, 2434-2442.	1.2	280
28	Receptor serine/threonine kinases implicated in the control of Drosophila body pattern by decapentaplegic. Cell, 1994, 78, 225-237.	13.5	279
29	GLI1-expressing mesenchymal cells form the essential Wnt-secreting niche for colon stem cells. Nature, 2018, 558, 449-453.	13.7	277
30	Ligand-independent activation of the sevenless receptor tyrosine kinase changes the fate of cells in the developing Drosophila eye. Cell, 1991, 64, 1069-1081.	13.5	255
31	Wingless secretion promotes and requires retromer-dependent cycling of Wntless. Nature Cell Biology, 2008, 10, 178-185.	4.6	238
32	Wnt Ligands Secreted by Subepithelial Mesenchymal Cells Are Essential for the Survival of Intestinal Stem Cells and Gut Homeostasis. Cell Reports, 2016, 15, 911-918.	2.9	208
33	schnurri is required for drosophila Dpp signaling and encodes a zinc finger protein similar to the mammalian transcription factor PRDII-BF1. Cell, 1995, 81, 791-800.	13.5	202
34	Compartment boundaries: at the edge of development. Trends in Genetics, 1999, 15, 320-326.	2.9	196
35	An ancient defense system eliminates unfit cells from developing tissues during cell competition. Science, 2014, 346, 1258236.	6.0	186
36	Generating and navigating proteome maps using mass spectrometry. Nature Reviews Molecular Cell Biology, 2010, 11, 789-801.	16.1	181

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37	Transcription under the Control of Nuclear Arm/Î²-Catenin. Current Biology, 2006, 16, R378-R385.	1.8	176
38	Model for the regulation of size in the wing imaginal disc of Drosophila. Mechanisms of Development, 2007, 124, 318-326.	1.7	174
39	Porcupine-mediated lipidation is required for Wnt recognition by Wls. Developmental Biology, 2012, 361, 392-402.	0.9	163
40	Conversion of an Extracellular Dpp/BMP Morphogen Gradient into an Inverse Transcriptional Gradient. Cell, 2003, 113, 221-233.	13.5	161
41	Deterministic protein inference for shotgun proteomics data provides new insights into Arabidopsis pollen development and function. Genome Research, 2009, 19, 1786-1800.	2.4	151
42	Identification and Functional Characterization of N-Terminally Acetylated Proteins in Drosophila melanogaster. PLoS Biology, 2009, 7, e1000236.	2.6	149
43	The Drosophila TNF receptor Grindelwald couples loss of cell polarity and neoplastic growth. Nature, 2015, 522, 482-486.	13.7	145
44	Coordination of Patterning and Growth by the Morphogen DPP. Current Biology, 2014, 24, R245-R255.	1.8	142
45	<scp>TCF</scp> / <scp>LEF</scp> dependent and independent transcriptional regulation of Wnt/Î²â€catenin target genes. EMBO Journal, 2019, 38, .	3.5	142
46	WNT secretion and signalling in human disease. Trends in Molecular Medicine, 2012, 18, 483-493.	3.5	141
47	Control of compartmental affinity boundaries by Hedgehog. Nature, 1997, 389, 614-618.	13.7	138
48	Opposing Transcriptional Outputs of Hedgehog Signaling and Engrailed Control Compartmental Cell Sorting at the Drosophila A/P Boundary. Cell, 2000, 100, 411-422.	13.5	137
49	The paired box gene pox neuro: A determiant of poly-innervated sense organs in Drosophila. Cell, 1992, 69, 159-172.	13.5	136
50	Transforming growth factor-Î²-dependent Wnt secretion controls myofibroblast formation and myocardial fibrosis progression in experimental autoimmune myocarditis. European Heart Journal, 2017, 38, ehw116.	1.0	134
51	Wnt Trafficking: New Insights into Wnt Maturation, Secretion and Spreading. Traffic, 2010, 11, 1265-1271.	1.3	127
52	Refined LexA transactivators and their use in combination with the Drosophila Gal4 system. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16166-16171.	3.3	127
53	A Simple Molecular Complex Mediates Widespread BMP-Induced Repression during Drosophila Development. Developmental Cell, 2004, 7, 229-240.	3.1	124
54	Helping Wingless take flight: how WNT proteins are secreted. Nature Reviews Molecular Cell Biology, 2007, 8, 331-336.	16.1	124

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55	EZH2-Mediated Primary Cilium Deconstruction Drives Metastatic Melanoma Formation. Cancer Cell, 2018, 34, 69-84.e14.	7.7	123
56	Transcription in the Absence of Histone H3.3. Current Biology, 2009, 19, 1221-1226.	1.8	118
57	Bcl9/Bcl9l Are Critical for Wnt-Mediated Regulation of Stem Cell Traits in Colon Epithelium and Adenocarcinomas. Cancer Research, 2010, 70, 6619-6628.	0.4	116
58	Exploring the effects of mechanical feedback on epithelial topology. Development (Cambridge), 2010, 137, 499-506.	1.2	116
59	Schnurri mediates Dpp-dependent repression of brinker transcription. Nature Cell Biology, 2000, 2, 745-749.	4.6	115
60	Wingful, an extracellular feedback inhibitor of Wingless. Genes and Development, 2002, 16, 1055-1059.	2.7	113
61	Regulation of Organ Growth by Morphogen Gradients. Cold Spring Harbor Perspectives in Biology, 2010, 2, a001669-a001669.	2.3	112
62	Probing transcription-specific outputs of Î²-catenin in vivo. Genes and Development, 2011, 25, 2631-2643.	2.7	112
63	Integrating force-sensing and signaling pathways in a model for the regulation of wing imaginal disc size. Development (Cambridge), 2012, 139, 3221-3231.	1.2	112
64	Transcription in the Absence of Histone H3.2 and H3K4 Methylation. Current Biology, 2012, 22, 2253-2257.	1.8	112
65	Pygopus and Legless Provide Essential Transcriptional Coactivator Functions to Armadillo/Î²-Catenin. Current Biology, 2005, 15, 1207-1211.	1.8	105
66	Growth regulation by Dpp: an essential role for Brinker and a non-essential role for graded signaling levels. Development (Cambridge), 2008, 135, 4003-4013.	1.2	102
67	EpiTools: An Open-Source Image Analysis Toolkit for Quantifying Epithelial Growth Dynamics. Developmental Cell, 2016, 36, 103-116.	3.1	102
68	Reggie-1/flotillin-2 promotes secretion of the long-range signalling forms of Wingless and Hedgehog in Drosophila. EMBO Journal, 2008, 27, 509-521.	3.5	100
69	Canonical Wnt Signaling Regulates Atrioventricular Junction Programming and Electrophysiological Properties. Circulation Research, 2015, 116, 398-406.	2.0	90
70	Direct transcriptional control of the Dpp target omb by the DNA binding protein Brinker. EMBO Journal, 2000, 19, 6162-6172.	3.5	81
71	Dissecting nuclear Wingless signalling: Recruitment of the transcriptional co-activator Pygopus by a chain of adaptor proteins. Mechanisms of Development, 2005, 122, 1171-1182.	1.7	81
72	A genomeâ€wide RNA interference screen uncovers two p24 proteins as regulators of Wingless secretion. EMBO Reports, 2011, 12, 1144-1152.	2.0	80

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73	Brinker requires two corepressors for maximal and versatile repression in Dpp signalling. EMBO Journal, 2001, 20, 5725-5736.	3.5	78
74	Hedgehog-Dependent Patterning in theDrosophilaEye Can Occur in the Absence of Dpp Signaling. Developmental Biology, 1996, 179, 360-368.	0.9	76
75	Formation of the Long Range Dpp Morphogen Gradient. PLoS Biology, 2011, 9, e1001111.	2.6	75
76	Reprogramming cell fate in the developing Drosophila retina: transformation of R7 cells by ectopic expression of rough.. Genes and Development, 1990, 4, 728-739.	2.7	74
77	A high-throughput template for optimizing Drosophila organ culture with response-surface methods. Development (Cambridge), 2013, 140, 667-674.	1.2	71
78	Antagonistic Growth Regulation by Dpp and Fat Drives Uniform Cell Proliferation. Developmental Cell, 2011, 20, 123-130.	3.1	69
79	A transcriptomics resource reveals a transcriptional transition during ordered sarcomere morphogenesis in flight muscle. ELife, 2018, 7, .	2.8	69
80	A Comprehensive Drosophila melanogaster Transcription Factor Interactome. Cell Reports, 2019, 27, 955-970.e7.	2.9	66
81	The Hedgehog Signaling Pathway: Where Did It Come From?. PLoS Biology, 2009, 7, e1000146.	2.6	65
82	Xrp1 is a transcription factor required for cell competition-driven elimination of loser cells. Scientific Reports, 2018, 8, 17712.	1.6	65
83	Recombinases and Their Use in Gene Activation, Gene Inactivation, and Transgenesis. Methods in Molecular Biology, 2008, 420, 175-195.	0.4	62
84	Wnt/Î²-Catenin Signaling Regulates Sequential Fate Decisions of Murine Cortical Precursor Cells. Stem Cells, 2015, 33, 170-182.	1.4	59
85	Forces controlling organ growth and size. Mechanisms of Development, 2017, 144, 53-61.	1.7	59
86	Distinct and regulated activities of human Gli proteins in Drosophila. Current Biology, 1999, 9, 1319-1322.	1.8	58
87	BCL9/9L-Î²-catenin Signaling is Associated With Poor Outcome in Colorectal Cancer. EBioMedicine, 2015, 2, 1932-1943.	2.7	58
88	Dpp controls growth and patterning in Drosophila wing precursors through distinct modes of action. ELife, 2017, 6, .	2.8	56
89	A Non-Redundant Role for Drosophila Mkk4 and Hemipterous/Mkk7 in TAK1-Mediated Activation of JNK. PLoS ONE, 2009, 4, e7709.	1.1	55
90	Pharmacological interventions in the Wnt pathway: inhibition of Wnt secretion versus disrupting the proteinâ€“protein interfaces of nuclear factors. British Journal of Pharmacology, 2017, 174, 4600-4610.	2.7	55

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91	Distinct populations of crypt-associated fibroblasts act as signaling hubs to control colon homeostasis. PLoS Biology, 2020, 18, e3001032.	2.6	53
92	A Genetic Screen Targeting the Tumor Necrosis Factor/Eiger Signaling Pathway: Identification of Drosophila TAB2 as a Functionally Conserved Component. Genetics, 2005, 171, 1683-1694.	1.2	52
93	Identification and in vivo role of the Armadillo-Legless interaction. Development (Cambridge), 2004, 131, 4393-4400.	1.2	51
94	A cytoplasmic role of Wnt/Î²-catenin transcriptional cofactors Bcl9, Bcl9l, and Pygopus in tooth enamel formation. Science Signaling, 2017, 10, .	1.6	50
95	Identification of an Endocytosis Motif in an Intracellular Loop of Wntless Protein, Essential for Its Recycling and the Control of Wnt Protein Signaling. Journal of Biological Chemistry, 2011, 286, 43324-43333.	1.6	49
96	The role of Parafibromin/Hyrax as a nuclear Gli/Ci-interacting protein in Hedgehog target gene control. Mechanisms of Development, 2009, 126, 394-405.	1.7	48
97	CRISPR-induced double-strand breaks trigger recombination between homologous chromosome arms. Life Science Alliance, 2019, 2, e201800267.	1.3	48
98	Loss of PI3K blocks cell-cycle progression in a Drosophila tumor model. Oncogene, 2011, 30, 4067-4074.	2.6	47
99	Systematic Screening of a Drosophila ORF Library InÂVivo Uncovers Wnt/Wg Pathway Components. Developmental Cell, 2013, 25, 207-219.	3.1	47
100	Functional Characterization of Drosophila microRNAs by a Novel in Vivo Library. Genetics, 2012, 192, 1543-1552.	1.2	45
101	A large-scale, in vivo transcription factor screen defines bivalent chromatin as a key property of regulatory factors mediating Drosophila wing development. Genome Research, 2015, 25, 514-523.	2.4	45
102	Yin Yang 1 Orchestrates a Metabolic Program Required for Both Neural Crest Development and Melanoma Formation. Cell Stem Cell, 2019, 24, 637-653.e9.	5.2	44
103	Improved prediction of peptide detectability for targeted proteomics using a rank-based algorithm and organism-specific data. Journal of Proteomics, 2014, 108, 269-283.	1.2	43
104	Mutations in Bcl9 and Pygo genes cause congenital heart defects by tissue-specific perturbation of Wnt/Î²-catenin signaling. Genes and Development, 2018, 32, 1443-1458.	2.7	43
105	The ISWIâ€containing NURF complex regulates the output of the canonical Wingless pathway. EMBO Reports, 2009, 10, 1140-1146.	2.0	42
106	Loss of Ezh2 promotes a midbrain-to-forebrain identity switch by direct gene derepression and Wnt-dependent regulation. BMC Biology, 2015, 13, 103.	1.7	42
107	Drosophila wing imaginal discs respond to mechanical injury via slow InsP3R-mediated intercellular calcium waves. Nature Communications, 2016, 7, 12450.	5.8	42
108	A Genetic Screen for Hedgehog Targets Involved in the Maintenance of the Drosophila Anteroposterior Compartment Boundary. Genetics, 2003, 163, 1427-1438.	1.2	42

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109	Requirement for Pangolin/dTCF in Drosophila Wingless signaling. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5846-5851.	3.3	41
110	Comment on â€œDynamics of Dpp Signaling and Proliferation Controlâ€• Science, 2012, 335, 401-401.	6.0	41
111	The Wingless target gene Dfz3 encodes a new member of the Drosophila Frizzled family. Mechanisms of Development, 2000, 91, 427-431.	1.7	40
112	Wnt signalling requires MTM-6 and MTM-9 myotubularin lipid-phosphatase function in Wnt-producing cells. EMBO Journal, 2010, 29, 4094-4105.	3.5	39
113	Probing the canonicity of the Wnt/Wingless signaling pathway. PLoS Genetics, 2017, 13, e1006700.	1.5	39
114	A screen for genes expressed in Drosophila imaginal discs. International Journal of Developmental Biology, 2002, 46, 173-6.	0.3	39
115	Sevenless and Drosophila eye development: a tyrosine kinase controls cell fate. Trends in Genetics, 1988, 4, 74-79.	2.9	38
116	Challenging FRET-based E-Cadherin force measurements in Drosophila. Scientific Reports, 2017, 7, 13692.	1.6	38
117	Generation of a transgenic ORFeome library in Drosophila. Nature Protocols, 2014, 9, 1607-1620.	5.5	37
118	BCL9-2 binds Arm/Î²-catenin in a Tyr142-independent manner and requires Pygopus for its function in Wg/Wnt signaling. Mechanisms of Development, 2007, 124, 59-67.	1.7	36
119	Signal-Induced Repression: The Exception or the Rule in Developmental Signaling?. Developmental Cell, 2008, 15, 11-22.	3.1	36
120	Cryo-EM structure of the Hedgehog release protein Dispatched. Science Advances, 2020, 6, eaay7928.	4.7	36
121	The Toll pathway inhibits tissue growth and regulates cell fitness in an infection-dependent manner. ELife, 2018, 7, .	2.8	36
122	Specification of cell fate in the developing eye ofDrosophila. BioEssays, 1991, 13, 621-631.	1.2	34
123	Pax6-dependent, but Î²-catenin-independent, function of Bcl9 proteins in mouse lens development. Genes and Development, 2014, 28, 1879-1884.	2.7	34
124	TBX3 acts as tissue-specific component of the Wnt/Î²-catenin transcriptional complex. ELife, 2020, 9, .	2.8	33
125	Hedgehog signaling in Drosophila eye and limb development â€" conserved machinery, divergent roles?. Current Opinion in Neurobiology, 1997, 7, 55-61.	2.0	31
126	The Dominant MutationGlazedIs a Gain-of-Function Allele ofwinglessThat, Similar to Loss of APC, Interferes with Normal Eye Development. Developmental Biology, 1999, 206, 178-188.	0.9	31

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127	Sphingolipid depletion impairs endocytic traffic and inhibits Wingless signaling. Mechanisms of Development, 2013, 130, 493-505.	1.7	31
128	Î²-Catenin C-terminal signals suppress p53 and are essential for artery formation. Nature Communications, 2016, 7, 12389.	5.8	31
129	Generation of a versatile BiFC ORFeome library for analyzing proteinâ€“protein interactions in live Drosophila. ELife, 2018, 7, .	2.8	31
130	Structure-function analysis of Eiger, the Drosophila TNF homolog. Cell Research, 2009, 19, 392-394.	5.7	30
131	Reflections on cell competition. Seminars in Cell and Developmental Biology, 2014, 32, 137-144.	2.3	30
132	The PHD domain is required to link Drosophila Pygopus to Legless/Î²-catenin and not to histone H3. Mechanisms of Development, 2009, 126, 752-759.	1.7	28
133	Cell-Sorting at the A/P Boundary in the Drosophila Wing Primordium: A Computational Model to Consolidate Observed Non-Local Effects of Hh Signaling. PLoS Computational Biology, 2011, 7, e1002025.	1.5	28
134	The Pygo2-H3K4me2/3 interaction is dispensable for mouse development and Wnt signaling-dependent transcription. Development (Cambridge), 2013, 140, 2377-2386.	1.2	28
135	Yin Yang 1 sustains biosynthetic demands during brain development in a stage-specific manner. Nature Communications, 2019, 10, 2192.	5.8	28
136	Cultivation and Live Imaging of Drosophila Imaginal Discs. Methods in Molecular Biology, 2016, 1478, 203-213.	0.4	27
137	The transcription factor Ets21C drives tumor growth by cooperating with AP-1. Scientific Reports, 2016, 6, 34725.	1.6	25
138	Reactivation of a developmental Bmp2 signaling center is required for therapeutic control of the murine periosteal niche. ELife, 2019, 8, .	2.8	25
139	DIGESTIF: A Universal Quality Standard for the Control of Bottom-Up Proteomics Experiments. Journal of Proteome Research, 2015, 14, 787-803.	1.8	24
140	WNT ligands control initiation and progression of human papillomavirus-driven squamous cell carcinoma. Oncogene, 2018, 37, 3753-3762.	2.6	24
141	Pharmacophore-guided discovery of CDC25 inhibitors causing cell cycle arrest and tumor regression. Scientific Reports, 2019, 9, 1335.	1.6	20
142	Tracing colonic embryonic transcriptional profiles and their reactivation upon intestinal damage. Cell Reports, 2021, 36, 109484.	2.9	18
143	Coop functions as a corepressor of Pangolin and antagonizes Wingless signaling. Genes and Development, 2010, 24, 881-886.	2.7	17
144	Protection of Armadillo/Î²-Catenin by Armless, a Novel Positive Regulator of Wingless Signaling. PLoS Biology, 2014, 12, e1001988.	2.6	17

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145	A novel role for the tumour suppressor Nitrilase1 modulating the Wnt/Î²-catenin signalling pathway. Cell Discovery, 2016, 2, 15039.	3.1	17
146	Parsing Î²-cateninâ€™s cell adhesion and Wnt signaling functions in malignant mammary tumor progression. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	17
147	PowerfulDrosophilascreens that paved the wingless pathway. Fly, 2014, 8, 218-225.	0.9	16
148	A Proteome Catalog ofDrosophila melanogaster: An Essential Resource for Targeted Quantitative Proteomics. Fly, 2007, 1, 182-186.	0.9	15
149	Epigenetic control of melanoma cell invasiveness by the stem cell factor SALL4. Nature Communications, 2021, 12, 5056.	5.8	15
150	Wnt Lipid Modifications: Not as Saturated as We Thought. Developmental Cell, 2006, 11, 751-752.	3.1	14
151	The interactions of Bcl9/Bcl9L with Î²-catenin and Pygopus promote breast cancer growth, invasion, and metastasis. Oncogene, 2021, 40, 6195-6209.	2.6	14
152	Morphogen Gradients: Expand and Repress. Current Biology, 2011, 21, R815-R817.	1.8	11
153	Combining Time-of-Flight Secondary Ion Mass Spectrometry Imaging Mass Spectrometry and CARS Microspectroscopy Reveals Lipid Patterns Reminiscent of Gene Expression Patterns in the Wing Imaginal Disc of Drosophila melanogaster. Analytical Chemistry, 2017, 89, 9664-9670.	3.2	11
154	A Pygopus 2-Histone Interaction Is Critical for Cancer Cell Dedifferentiation and Progression in Malignant Breast Cancer. Cancer Research, 2020, 80, 3631-3648.	0.4	11
155	A regulatory receptor network directs the range and output of the Wingless signal. Development (Cambridge), 2014, 141, 2483-2493.	1.2	9
156	Distinct adhesion-independent functions of Î²-catenin control stage-specific sensory neurogenesis and proliferation. BMC Biology, 2015, 13, 24.	1.7	9
157	Differential regulation of Î²-catenin-mediated transcription via N-Âand C-terminal co-factors governs identity of murine intestinal epithelial stem cells. Nature Communications, 2021, 12, 1368.	5.8	9
158	Myocardial Î²-Catenin-BMP2 signaling promotes mesenchymal cell proliferation during endocardial cushion formation. Journal of Molecular and Cellular Cardiology, 2018, 123, 150-158.	0.9	8
159	Wnt Ligands as a Part of the Stem Cell Niche in the Intestine and the Liver. Progress in Molecular Biology and Translational Science, 2018, 153, 1-19.	0.9	8
160	Cytonemes Show Their Colors. Science, 2011, 332, 312-313.	6.0	7
161	Large-scale imaginal disc sorting: A protocol for â€œomicsâ€•approaches. Methods, 2014, 68, 260-264.	1.9	7
162	Manipulating the Sensitivity of Signal-Induced Repression: Quantification and Consequences of Altered Brinker Gradients. PLoS ONE, 2013, 8, e71224.	1.1	7

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163	Multiorder Correction Algorithms to Remove Image Distortions from Mass Spectrometry Imaging Data Sets. Analytical Chemistry, 2013, 85, 10249-10254.	3.2	6
164	Receptor tyrosine kinases mediate cell-cell interactions during Drosophila development. Progress in Growth Factor Research, 1990, 2, 15-27.	1.7	5
165	Drosophila ciD encodes a hybrid Pangolin/Cubitus interruptus protein that diverts the Wingless into the Hedgehog signaling pathway. Mechanisms of Development, 1998, 78, 141-151.	1.7	5
166	Generation of genome-modified Drosophila cell lines using SwAP. Fly, 2017, 11, 303-311.	0.9	5
167	Cells in search of a signal. Nature Cell Biology, 1999, 1, E60-E61.	4.6	4
168	Confronting Morphogen Gradients: How Important Are They for Growth?. Science Signaling, 2009, 2, pe67.	1.6	4
169	TCF/LEF regulation of the topologically associated domain ADI promotes mESCs to exit the pluripotent ground state. Cell Reports, 2021, 36, 109705.	2.9	4
170	Epithelial Wnt secretion drives the progression of inflammation-induced colon carcinoma in murine model. IScience, 2021, 24, 103369.	1.9	4
171	A RING finger to wed TCF and Î²â€catenin. EMBO Reports, 2013, 14, 295-296.	2.0	3
172	Anchor Away â€“ A Fast, Reliable and Reversible Technique To Inhibit Proteins in Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2020, 10, 1745-1752.	0.8	3
173	Integrating force-sensing and signaling pathways in a model for the regulation of wing imaginal disc size. Journal of Cell Science, 2012, 125, e1-e1.	1.2	3
174	Drosophila DDX3/Belle Exerts Its Function Outside of the Wnt/Wingless Signaling Pathway. PLoS ONE, 2016, 11, e0166862.	1.1	1
175	Only the Co-Transcriptional Activity of Î²-Catenin Is Required for the Local Regulatory Effects in Hypertrophic Chondrocytes on Developmental Bone Modeling. Journal of Bone and Mineral Research, 2020, 36, 2039-2052.	3.1	1
176	Wingless secretion promotes and requires retromer-dependent cycling of Wntless. , 0, .		1