

# Stephen Michael Cohen

## List of Publications by Citations

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154  
papers

21,387  
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157  
ext. papers

23,122  
ext. citations

15.6  
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6.99  
L-index

#	Paper	IF	Citations
154	microRNA functions. <i>Annual Review of Cell and Developmental Biology</i> , <b>2007</b> , 23, 175-205	12.6	2234
153	Principles of microRNA-target recognition. <i>PLoS Biology</i> , <b>2005</b> , 3, e85	9.7	1746
152	bantam encodes a developmentally regulated microRNA that controls cell proliferation and regulates the proapoptotic gene hid in Drosophila. <i>Cell</i> , <b>2003</b> , 113, 25-36	56.2	1696
151	Animal MicroRNAs confer robustness to gene expression and have a significant impact on 3'UTR evolution. <i>Cell</i> , <b>2005</b> , 123, 1133-46	56.2	890
150	Glycosyltransferase activity of Fringe modulates Notch-Delta interactions. <i>Nature</i> , <b>2000</b> , 406, 411-5	50.4	601
149	Identification of Drosophila MicroRNA targets. <i>PLoS Biology</i> , <b>2003</b> , 1, E60	9.7	591
148	Two distinct mechanisms for long-range patterning by Decapentaplegic in the Drosophila wing. <i>Nature</i> , <b>1996</b> , 381, 387-93	50.4	562
147	Drosophila's insulin/PI3-kinase pathway coordinates cellular metabolism with nutritional conditions. <i>Developmental Cell</i> , <b>2002</b> , 2, 239-49	10.2	526
146	Hedgehog induces opposite changes in turnover and subcellular localization of patched and smoothed. <i>Cell</i> , <b>2000</b> , 102, 521-31	56.2	435
145	Dpp gradient formation in the Drosophila wing imaginal disc. <i>Cell</i> , <b>2000</b> , 103, 971-80	56.2	379
144	Wingless gradient formation in the Drosophila wing. <i>Current Biology</i> , <b>2000</b> , 10, 293-300	6.3	361
143	Distal-less encodes a homeodomain protein required for limb development in Drosophila. <i>Nature</i> , <b>1989</b> , 338, 432-4	50.4	346
142	The Hippo pathway regulates the bantam microRNA to control cell proliferation and apoptosis in Drosophila. <i>Cell</i> , <b>2006</b> , 126, 767-74	56.2	330
141	Homeotic genes of the Bithorax complex repress limb development in the abdomen of the Drosophila embryo through the target gene Distal-less. <i>Cell</i> , <b>1992</b> , 71, 437-50	56.2	321
140	Proximal-distal axis formation in the Drosophila leg. <i>Nature</i> , <b>1997</b> , 388, 139-45	50.4	315
139	Cell interaction between compartments establishes the proximal-distal axis of Drosophila legs. <i>Nature</i> , <b>1994</b> , 372, 175-9	50.4	301
138	MicroRNAs and gene regulatory networks: managing the impact of noise in biological systems. <i>Genes and Development</i> , <b>2010</b> , 24, 1339-44	12.6	295

137	On the mechanism of wing size determination in fly development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 3835-40	11.5	282
136	Tumor suppressor properties of the ESCRT-II complex component Vps25 in <i>Drosophila</i> . <i>Developmental Cell</i> , <b>2005</b> , 9, 711-20	10.2	278
135	Isolation of microRNA targets by miRNP immunopurification. <i>Rna</i> , <b>2007</b> , 13, 1198-204	5.8	249
134	Mediation of <i>Drosophila</i> head development by gap-like segmentation genes. <i>Nature</i> , <b>1990</b> , 346, 482-5	50.4	246
133	The conserved microRNA miR-8 tunes atrophin levels to prevent neurodegeneration in <i>Drosophila</i> . <i>Cell</i> , <b>2007</b> , 131, 136-45	56.2	220
132	Regulation of tissue growth through nutrient sensing. <i>Annual Review of Genetics</i> , <b>2009</b> , 43, 389-410	14.5	219
131	HSPG modification by the secreted enzyme Notum shapes the Wingless morphogen gradient. <i>Developmental Cell</i> , <b>2002</b> , 2, 667-76	10.2	207
130	Temporal reciprocity of miRNAs and their targets during the maternal-to-zygotic transition in <i>Drosophila</i> . <i>Current Biology</i> , <b>2008</b> , 18, 501-6	6.3	200
129	Nutritional control of protein biosynthetic capacity by insulin via Myc in <i>Drosophila</i> . <i>Cell Metabolism</i> , <b>2008</b> , 7, 21-32	24.6	198
128	4E-BP functions as a metabolic brake used under stress conditions but not during normal growth. <i>Genes and Development</i> , <b>2005</b> , 19, 1844-8	12.6	192
127	A single Hox locus in <i>Drosophila</i> produces functional microRNAs from opposite DNA strands. <i>Genes and Development</i> , <b>2008</b> , 22, 8-13	12.6	188
126	Specification of limb development in the <i>Drosophila</i> embryo by positional cues from segmentation genes. <i>Nature</i> , <b>1990</b> , 343, 173-7	50.4	187
125	<i>Drosophila</i> lacking microRNA miR-278 are defective in energy homeostasis. <i>Genes and Development</i> , <b>2006</b> , 20, 417-22	12.6	186
124	Evolutionary origin of insect wings from ancestral gills. <i>Nature</i> , <b>1997</b> , 385, 627-30	50.4	184
123	Opposing activities of Dally-like glypican at high and low levels of Wingless morphogen activity. <i>Developmental Cell</i> , <b>2004</b> , 7, 503-12	10.2	182
122	Specification of the wing by localized expression of wingless protein. <i>Nature</i> , <b>1996</b> , 381, 316-8	50.4	181
121	Mei-P26 regulates microRNAs and cell growth in the <i>Drosophila</i> ovarian stem cell lineage. <i>Nature</i> , <b>2008</b> , 454, 241-5	50.4	180
120	Proximal-distal pattern formation in <i>Drosophila</i> : cell autonomous requirement for Distal-less gene activity in limb development. <i>EMBO Journal</i> , <b>1989</b> , 8, 2045-2055	13	179

119	Morphogens and pattern formation. <i>BioEssays</i> , <b>1997</b> , 19, 721-9	4.1	169
118	Connecting proliferation and apoptosis in development and disease. <i>Nature Reviews Molecular Cell Biology</i> , <b>2004</b> , 5, 805-15	48.7	158
117	Signal transduction by cAMP-dependent protein kinase A in Drosophila limb patterning. <i>Nature</i> , <b>1995</b> , 373, 711-5	50.4	156
116	The growth regulators warts/lats and melted interact in a bistable loop to specify opposite fates in Drosophila R8 photoreceptors. <i>Cell</i> , <b>2005</b> , 122, 775-87	56.2	146
115	Shaping morphogen gradients. <i>Cell</i> , <b>2001</b> , 105, 559-62	56.2	146
114	microRNA miR-14 acts to modulate a positive autoregulatory loop controlling steroid hormone signaling in Drosophila. <i>Genes and Development</i> , <b>2007</b> , 21, 2277-82	12.6	143
113	A Drosophila homologue of human Sp1 is a head-specific segmentation gene. <i>Nature</i> , <b>1993</b> , 366, 690-4	50.4	141
112	Organizing spatial pattern in limb development. <i>Annual Review of Cell and Developmental Biology</i> , <b>1996</b> , 12, 161-80	12.6	126
111	Genome-wide analysis of mRNAs regulated by Drosha and Argonaute proteins in Drosophila melanogaster. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 2965-75	4.8	119
110	Wingless and Notch signaling provide cell survival cues and control cell proliferation during wing development. <i>Development (Cambridge)</i> , <b>2003</b> , 130, 6533-43	6.6	114
109	Re-evaluating AKT regulation: role of TOR complex 2 in tissue growth. <i>Genes and Development</i> , <b>2007</b> , 21, 632-7	12.6	109
108	MicroRNAs in neurodegeneration. <i>Current Opinion in Neurobiology</i> , <b>2008</b> , 18, 292-6	7.6	107
107	The LRR proteins capricious and Tartan mediate cell interactions during DV boundary formation in the Drosophila wing. <i>Cell</i> , <b>2001</b> , 106, 785-94	56.2	105
106	Regulation of LIM homeodomain activity in vivo: a tetramer of dLDB and apterous confers activity and capacity for regulation by dLMO. <i>Molecular Cell</i> , <b>1999</b> , 4, 267-73	17.6	101
105	Distinguishable functions for engrailed and invected in anterior-posterior patterning in the Drosophila wing. <i>Nature</i> , <b>1995</b> , 376, 424-7	50.4	100
104	ER stress potentiates insulin resistance through PERK-mediated FOXO phosphorylation. <i>Genes and Development</i> , <b>2013</b> , 27, 441-9	12.6	99
103	Drosophila Melted modulates FOXO and TOR activity. <i>Developmental Cell</i> , <b>2005</b> , 9, 271-81	10.2	98
102	Drosophila miR-14 regulates insulin production and metabolism through its target, sugarbabe. <i>Genes and Development</i> , <b>2010</b> , 24, 2748-53	12.6	97

101	Systematic study of Drosophila microRNA functions using a collection of targeted knockout mutations. <i>Developmental Cell</i> , <b>2014</b> , 31, 784-800	10.2	95
100	Formation of morphogen gradients in the Drosophila wing. <i>Seminars in Cell and Developmental Biology</i> , <b>1999</b> , 10, 335-44	7.5	94
99	Drosophila headlines. <i>Trends in Genetics</i> , <b>1991</b> , 7, 267-72	8.5	86
98	MAPK/ERK signaling regulates insulin sensitivity to control glucose metabolism in Drosophila. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002429	6	85
97	Drosophila microRNAs 263a/b confer robustness during development by protecting nascent sense organs from apoptosis. <i>PLoS Biology</i> , <b>2010</b> , 8, e1000396	9.7	81
96	Early development of leg and wing primordia in the Drosophila embryo. <i>Mechanisms of Development</i> , <b>1991</b> , 33, 229-40	1.7	81
95	Opposing activities of the Ras and Hippo pathways converge on regulation of YAP protein turnover. <i>EMBO Journal</i> , <b>2014</b> , 33, 2447-57	13	80
94	Denosing feedback loops by thresholding--a new role for microRNAs. <i>Genes and Development</i> , <b>2006</b> , 20, 2769-72	12.6	78
93	Short-range cell interactions and cell survival in the Drosophila wing. <i>Developmental Cell</i> , <b>2002</b> , 2, 797-805	10.2	77
92	Cell Competition Drives the Formation of Metastatic Tumors in a Drosophila Model of Epithelial Tumor Formation. <i>Current Biology</i> , <b>2016</b> , 26, 419-27	6.3	72
91	Mutual repression by bantam miRNA and Capicua links the EGFR/MAPK and Hippo pathways in growth control. <i>Current Biology</i> , <b>2012</b> , 22, 651-7	6.3	71
90	Slik Sterile-20 kinase regulates Moesin activity to promote epithelial integrity during tissue growth. <i>Genes and Development</i> , <b>2004</b> , 18, 2243-8	12.6	71
89	Proximal distal axis formation in the Drosophila leg: distinct functions of teashirt and homothorax in the proximal leg. <i>Mechanisms of Development</i> , <b>2000</b> , 94, 47-56	1.7	70
88	Notch-mediated repression of bantam miRNA contributes to boundary formation in the Drosophila wing. <i>Development (Cambridge)</i> , <b>2011</b> , 138, 3781-9	6.6	66
87	Oncogenic cooperation between SOCS family proteins and EGFR identified using a Drosophila epithelial transformation model. <i>Genes and Development</i> , <b>2012</b> , 26, 1602-11	12.6	64
86	Distal antenna and distal antenna related encode nuclear proteins containing pipsqueak motifs involved in antenna development in Drosophila. <i>Development (Cambridge)</i> , <b>2003</b> , 130, 1171-80	6.6	63
85	Immunological comparison of desmosomal components from several bovine tissues. <i>Journal of Cellular Biochemistry</i> , <b>1984</b> , 26, 35-45	4.7	61
84	Towards a complete description of the microRNA complement of animal genomes. <i>Genome Biology</i> , <b>2003</b> , 4, 228	18.3	60

83	Boundary formation in <i>Drosophila</i> wing: Notch activity attenuated by the POU protein Nubbin. <i>Science</i> , <b>1998</b> , 281, 409-13	33.3	57
82	<i>Drosophila</i> miR-124 regulates neuroblast proliferation through its target anachronism. <i>Development (Cambridge)</i> , <b>2012</b> , 139, 1427-34	6.6	56
81	The <i>Drosophila</i> gene brainiac encodes a glycosyltransferase putatively involved in glycosphingolipid synthesis. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 32421-9	5.4	53
80	<i>Drosophila</i> egghead encodes a beta 1,4-mannosyltransferase predicted to form the immediate precursor glycosphingolipid substrate for brainiac. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 1411-4	5.4	51
79	On the role of glypicans in the process of morphogen gradient formation. <i>Developmental Biology</i> , <b>2006</b> , 300, 512-22	3.1	50
78	Egghead and brainiac are essential for glycosphingolipid biosynthesis in vivo. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 4858-63	5.4	50
77	Proximal-distal pattern formation in <i>Drosophila</i> : graded requirement for Distal-less gene activity during limb development. <i>Roux's Archives of Developmental Biology</i> , <b>1989</b> , 198, 157-169		50
76	MAP4K3 regulates body size and metabolism in <i>Drosophila</i> . <i>Developmental Biology</i> , <b>2010</b> , 344, 150-7	3.1	49
75	TOR complex 2 is needed for cell cycle progression and anchorage-independent growth of MCF7 and PC3 tumor cells. <i>BMC Cancer</i> , <b>2008</b> , 8, 282	4.8	49
74	molting defective is required for ecdysone biosynthesis. <i>Developmental Biology</i> , <b>2005</b> , 280, 362-72	3.1	49
73	A neuroprotective role for microRNA miR-1000 mediated by limiting glutamate excitotoxicity. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 379-85	25.5	48
72	Trans- and cis-acting requirements for blastodermal expression of the head gap gene buttonhead. <i>Mechanisms of Development</i> , <b>1995</b> , 53, 235-45	1.7	46
71	The oscillating miRNA 959-964 cluster impacts <i>Drosophila</i> feeding time and other circadian outputs. <i>Cell Metabolism</i> , <b>2012</b> , 16, 601-12	24.6	45
70	Coordination of insulin and Notch pathway activities by microRNA miR-305 mediates adaptive homeostasis in the intestinal stem cells of the <i>Drosophila</i> gut. <i>Genes and Development</i> , <b>2014</b> , 28, 2421-31 <sup>2.6</sup>		43
69	Immunopurification of Ago1 miRNPs selects for a distinct class of microRNA targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 15085-90	11.5	42
68	The Hippo pathway acts via p53 and microRNAs to control proliferation and proapoptotic gene expression during tissue growth. <i>Biology Open</i> , <b>2013</b> , 2, 822-8	2.2	39
67	The miRNA machinery targets Mei-P26 and regulates Myc protein levels in the <i>Drosophila</i> wing. <i>EMBO Journal</i> , <b>2010</b> , 29, 1688-98	13	39
66	Gain-of-function screen for genes that affect <i>Drosophila</i> muscle pattern formation. <i>PLoS Genetics</i> , <b>2005</b> , 1, e55	6	39

65	Cancer in <i>Drosophila</i> : Imaginal Discs as a Model for Epithelial Tumor Formation. <i>Current Topics in Developmental Biology</i> , <b>2016</b> , 116, 181-99	5.3	37
64	A re-evaluation of the contributions of Apterous and Notch to the dorsoventral lineage restriction boundary in the <i>Drosophila</i> wing. <i>Development (Cambridge)</i> , <b>2003</b> , 130, 553-62	6.6	36
63	Regulation of Apterous activity in <i>Drosophila</i> wing development. <i>Development (Cambridge)</i> , <b>2001</b> , 128, 4615-4622	6.6	35
62	A conformation-induced fluorescence method for microRNA detection. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, e92	20.1	34
61	Glycosphingolipids with extended sugar chain have specialized functions in development and behavior of <i>Drosophila</i> . <i>Developmental Biology</i> , <b>2007</b> , 306, 736-49	3.1	34
60	The <i>Drosophila</i> sterile-20 kinase <i>slik</i> controls cell proliferation and apoptosis during imaginal disc development. <i>PLoS Biology</i> , <b>2003</b> , 1, E35	9.7	33
59	Everything old is new again: (linc)RNAs make proteins!. <i>EMBO Journal</i> , <b>2014</b> , 33, 937-8	13	32
58	Crosstalk between epithelial and mesenchymal tissues in tumorigenesis and imaginal disc development. <i>Current Biology</i> , <b>2014</b> , 24, 1476-84	6.3	32
57	miR-124 controls male reproductive success in <i>Drosophila</i> . <i>ELife</i> , <b>2013</b> , 2, e00640	8.9	31
56	Structural insights into the Notch-modifying glycosyltransferase Fringe. <i>Nature Structural and Molecular Biology</i> , <b>2006</b> , 13, 945-6	17.6	31
55	Spatial and temporal regulation of the homeotic selector gene <i>Antennapedia</i> is required for the establishment of leg identity in <i>Drosophila</i> . <i>Developmental Biology</i> , <b>2004</b> , 267, 462-72	3.1	31
54	Notch signaling is not sufficient to define the affinity boundary between dorsal and ventral compartments. <i>Molecular Cell</i> , <b>1999</b> , 4, 1073-8	17.6	31
53	Not miR-ly muscular: microRNAs and muscle development. <i>Genes and Development</i> , <b>2005</b> , 19, 2261-4	12.6	30
52	Establishment of imaginal discs and histoblast nests in <i>Drosophila</i> . <i>Mechanisms of Development</i> , <b>1991</b> , 34, 11-20	1.7	30
51	Recombinase-mediated cassette exchange provides a versatile platform for gene targeting: knockout of miR-31b. <i>Genetics</i> , <b>2009</b> , 183, 399-402	4	29
50	A genetic screen in <i>Drosophila</i> for identifying novel components of the hedgehog signaling pathway. <i>Genetics</i> , <b>2005</b> , 170, 173-84	4	29
49	Controlling growth of the wing: vestigial integrates signals from the compartment boundaries. <i>BioEssays</i> , <b>1996</b> , 18, 855-8	4.1	29
48	miRNAs and aging: a genetic perspective. <i>Ageing Research Reviews</i> , <b>2014</b> , 17, 3-8	12	28

47	Viral small T oncoproteins transform cells by alleviating hippo-pathway-mediated inhibition of the YAP proto-oncogene. <i>Cell Reports</i> , <b>2014</b> , 8, 707-13	10.6	28
46	MicroRNA transgene overexpression complements deficiency-based modifier screens in <i>Drosophila</i> . <i>Genetics</i> , <b>2012</b> , 190, 617-26	4	28
45	Proximodistal subdivision of <i>Drosophila</i> legs and wings: the elbow-no ocelli gene complex. <i>Development (Cambridge)</i> , <b>2004</b> , 131, 767-74	6.6	28
44	Boundary formation in the <i>Drosophila</i> wing: functional dissection of Capricious and Tartan. <i>Developmental Dynamics</i> , <b>2005</b> , 233, 804-10	2.9	28
43	Use of microRNA sponges to explore tissue-specific microRNA functions in vivo. <i>Nature Methods</i> , <b>2009</b> , 6, 873-4	21.6	27
42	Deubiquitylating enzyme USP9x regulates hippo pathway activity by controlling angiomin protein turnover. <i>Cell Discovery</i> , <b>2016</b> , 2, 16001	22.3	26
41	Feedback regulation on PTEN/AKT pathway by the ER stress kinase PERK mediated by interaction with the Vault complex. <i>Cellular Signalling</i> , <b>2015</b> , 27, 436-42	4.9	26
40	Warburg Effect Metabolism Drives Neoplasia in a <i>Drosophila</i> Genetic Model of Epithelial Cancer. <i>Current Biology</i> , <b>2018</b> , 28, 3220-3228.e6	6.3	25
39	Maternal loss of miRNAs leads to increased variance in primordial germ cell numbers in <i>Drosophila melanogaster</i> . <i>G3: Genes, Genomes, Genetics</i> , <b>2013</b> , 3, 1573-6	3.2	22
38	Identification of novel <i>Drosophila melanogaster</i> microRNAs. <i>PLoS ONE</i> , <b>2007</b> , 2, e1265	3.7	22
37	Glycosphingolipids control the extracellular gradient of the <i>Drosophila</i> EGFR ligand Gurken. <i>Development (Cambridge)</i> , <b>2009</b> , 136, 551-61	6.6	21
36	Subdividing cell populations in the developing limbs of <i>Drosophila</i> : do wing veins and leg segments define units of growth control?. <i>Developmental Biology</i> , <b>2000</b> , 217, 1-9	3.1	20
35	Desmosomal antigens are not recognized by the majority of pemphigus autoimmune sera. <i>Journal of Investigative Dermatology</i> , <b>1983</b> , 80, 475-80	4.3	20
34	miR-989 is required for border cell migration in the <i>Drosophila</i> ovary. <i>PLoS ONE</i> , <b>2013</b> , 8, e67075	3.7	19
33	miR-965 controls cell proliferation and migration during tissue morphogenesis in the <i>Drosophila</i> abdomen. <i>ELife</i> , <b>2015</b> , 4,	8.9	19
32	Control of <i>Drosophila</i> Type I and Type II central brain neuroblast proliferation by bantam microRNA. <i>Development (Cambridge)</i> , <b>2015</b> , 142, 3713-20	6.6	18
31	DUB3 Deubiquitylating Enzymes Regulate Hippo Pathway Activity by Regulating the Stability of ITCH, LATS and AMOT Proteins. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169587	3.7	17
30	New growth factors for imaginal discs. <i>BioEssays</i> , <b>1999</b> , 21, 718-20	4.1	16



29	Wnt signal transduction: more than one way to skin a (beta-)cat?. <i>Trends in Cell Biology</i> , <b>1996</b> , 6, 287-90	18.3	16
28	Wingless: from embryo to adult. <i>Trends in Genetics</i> , <b>1993</b> , 9, 189-92	8.5	16
27	Regulation of pattern formation and gene amplification during <i>Drosophila</i> oogenesis by the miR-318 microRNA. <i>Genetics</i> , <b>2015</b> , 200, 255-65	4	15
26	<i>Drosophila</i> as a Model to Study the Link between Metabolism and Cancer. <i>Journal of Developmental Biology</i> , <b>2017</b> , 5,	3.5	15
25	A naturally occurring alternative product of the mastermind locus that represses notch signalling. <i>Mechanisms of Development</i> , <b>2002</b> , 115, 101-5	1.7	15
24	Protocols for use of homologous recombination gene targeting to produce microRNA mutants in <i>Drosophila</i> . <i>Methods in Molecular Biology</i> , <b>2011</b> , 732, 99-120	1.4	15
23	mutants reveal continuous glial homeostasis in the adult brain. <i>EMBO Journal</i> , <b>2017</b> , 36, 1215-1226	13	14
22	Ligand-binding and signaling properties of the Ax[M1] form of Notch. <i>Mechanisms of Development</i> , <b>2005</b> , 122, 479-86	1.7	13
21	Osa modulates the expression of Apterous target genes in the <i>Drosophila</i> wing. <i>Mechanisms of Development</i> , <b>2004</b> , 121, 491-7	1.7	13
20	msh specifies dorsal cell fate in the <i>Drosophila</i> wing. <i>Development (Cambridge)</i> , <b>2001</b> , 128, 3263-3268	6.6	13
19	USP21 regulates Hippo pathway activity by mediating MARK protein turnover. <i>Oncotarget</i> , <b>2017</b> , 8, 64095-64105	3.5	10.5
18	<i>Drosophila</i> Minus is required for cell proliferation and influences Cyclin E turnover. <i>Genes and Development</i> , <b>2009</b> , 23, 1998-2003	12.6	12
17	Time is of the essence: microRNAs and age-associated neurodegeneration. <i>Cell Research</i> , <b>2012</b> , 22, 1218-20	2.7	12
16	Rescue of <i>Drosophila</i> <i>Melanogaster</i> l(2)35Aa lethality is only mediated by polypeptide GalNAc-transferase pgant35A, but not by the evolutionary conserved human ortholog GalNAc-transferase-T11. <i>Glycoconjugate Journal</i> , <b>2010</b> , 27, 435-44	3	11
15	Metabolic control of PPAR activity by aldehyde dehydrogenase regulates invasive cell behavior and predicts survival in hepatocellular and renal clear cell carcinoma. <i>BMC Cancer</i> , <b>2018</b> , 18, 1180	4.8	11
14	The chromatin remodeling BAP complex limits tumor-promoting activity of the Hippo pathway effector Yki to prevent neoplastic transformation in epithelia. <i>DMM Disease Models and Mechanisms</i> , <b>2017</b> , 10, 1201-1209	4.1	10
13	Developmental biology. Mixed messages in early development. <i>Science</i> , <b>2006</b> , 312, 65-6	33.3	10
12	Limb development: getting down to the ground state. <i>Current Biology</i> , <b>2001</b> , 11, R1025-7	6.3	9

11	Notch signaling: filopodia dynamics confer robustness. <i>Current Biology</i> , <b>2010</b> , 20, R802-4	6.3	8
10	TORCing up metabolic control in the brain. <i>Cell Metabolism</i> , <b>2008</b> , 7, 357-8	24.6	7
9	Pgc suppresses the zygotically acting RNA decay pathway to protect germ plasm RNAs in the embryo. <i>Development (Cambridge)</i> , <b>2019</b> , 146,	6.6	5
8	Cell fate determination. When is a determinant a determinant?. <i>Current Biology</i> , <b>1994</b> , 4, 420-2	6.3	5
7	Identification and characterization of novel conserved RNA structures in Drosophila. <i>BMC Genomics</i> , <b>2018</b> , 19, 899	4.5	3
6	suppresses growth and tumor formation in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 14055-14064	11.5	2
5	Genome-wide RNAi screen for context-dependent tumor suppressors identified using in vivo models for neoplasia in Drosophila		2
4	Genome-Wide Screen for Context-Dependent Tumor Suppressors Identified Using in Vivo Models for Neoplasia in. <i>G3: Genes, Genomes, Genetics</i> , <b>2020</b> , 10, 2999-3008	3.2	2
3	The secret life of Smoothened. <i>Developmental Cell</i> , <b>2003</b> , 5, 823-4	10.2	1
2	microRNAs in CNS Development and Neurodegeneration: Insights from Drosophila Genetics. <i>Research and Perspectives in Neurosciences</i> , <b>2010</b> , 69-77		1
1	Promoter Proximal Pausing Limits Tumorous Growth Induced by the Yki Transcription Factor in. <i>Genetics</i> , <b>2020</b> , 216, 67-77	4	1