

Eric C Lai

List of Publications by Year in descending order

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166
papers

25,399
citations

13099

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docs citations

181
times ranked

26250
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro RNAs are complementary to 3' UTR sequence motifs that mediate negative post-transcriptional regulation. <i>Nature Genetics</i> , 2002, 30, 363-364.	21.4	1,294
2	Identification of Functional Elements and Regulatory Circuits by <i>Drosophila</i> modENCODE. <i>Science</i> , 2010, 330, 1787-1797.	12.6	1,124
3	Notch signaling: control of cell communication and cell fate. <i>Development (Cambridge)</i> , 2004, 131, 965-973.	2.5	913
4	Integrative Analysis of the <i>Caenorhabditis elegans</i> Genome by the modENCODE Project. <i>Science</i> , 2010, 330, 1775-1787.	12.6	912
5	The Mirtron Pathway Generates microRNA-Class Regulatory RNAs in <i>Drosophila</i> . <i>Cell</i> , 2007, 130, 89-100.	28.9	879
6	Genome-wide Analysis of <i>Drosophila</i> Circular RNAs Reveals Their Structural and Sequence Properties and Age-Dependent Neural Accumulation. <i>Cell Reports</i> , 2014, 9, 1966-1980.	6.4	866
7	Unlocking the secrets of the genome. <i>Nature</i> , 2009, 459, 927-930.	27.8	744
8	Biological principles of microRNA-mediated regulation: shared themes amid diversity. <i>Nature Reviews Genetics</i> , 2008, 9, 831-842.	16.3	707
9	Mammalian Mirtron Genes. <i>Molecular Cell</i> , 2007, 28, 328-336.	9.7	675
10	Diversity and dynamics of the <i>Drosophila</i> transcriptome. <i>Nature</i> , 2014, 512, 393-399.	27.8	647
11	Computational identification of <i>Drosophila</i> microRNA genes. <i>Genome Biology</i> , 2003, 4, R42.	9.6	624
12	miR-33a/b contribute to the regulation of fatty acid metabolism and insulin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9232-9237.	7.1	615
13	Discovery of functional elements in 12 <i>Drosophila</i> genomes using evolutionary signatures. <i>Nature</i> , 2007, 450, 219-232.	27.8	573
14	Evolution, biogenesis, expression, and target predictions of a substantially expanded set of <i>Drosophila</i> microRNAs. <i>Genome Research</i> , 2007, 17, 1850-1864.	5.5	540
15	The regulatory activity of microRNA* species has substantial influence on microRNA and 3' UTR evolution. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 354-363.	8.2	461
16	Alternative miRNA Biogenesis Pathways and the Interpretation of Core miRNA Pathway Mutants. <i>Molecular Cell</i> , 2011, 43, 892-903.	9.7	427
17	Virus discovery by deep sequencing and assembly of virus-derived small silencing RNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1606-1611.	7.1	419
18	Vive la différence: biogenesis and evolution of microRNAs in plants and animals. <i>Genome Biology</i> , 2011, 12, 221.	9.6	393

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19	Conserved vertebrate <i>mir-451</i> provides a platform for Dicer-independent, Ago2-mediated microRNA biogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15163-15168.	7.1	389
20	Maternal mRNA deadenylation and decay by the piRNA pathway in the early Drosophila embryo. Nature, 2010, 467, 1128-1132.	27.8	386
21	The Drosophila hairpin RNA pathway generates endogenous short interfering RNAs. Nature, 2008, 453, 803-806.	27.8	352
22	Endogenous small interfering RNAs in animals. Nature Reviews Molecular Cell Biology, 2008, 9, 673-678.	37.0	340
23	Endogenous RNA Interference Provides a Somatic Defense against Drosophila Transposons. Current Biology, 2008, 18, 795-802.	3.9	321
24	Adult-specific functions of animal microRNAs. Nature Reviews Genetics, 2013, 14, 535-548.	16.3	308
25	Widespread and extensive lengthening of 3' UTRs in the mammalian brain. Genome Research, 2013, 23, 812-825.	5.5	308
26	A Broadly Conserved Pathway Generates 3' UTR-Directed Primary piRNAs. Current Biology, 2009, 19, 2066-2076.	3.9	304
27	Drosophila Neuralized Is a Ubiquitin Ligase that Promotes the Internalization and Degradation of Delta. Developmental Cell, 2001, 1, 783-794.	7.0	302
28	Widespread regulatory activity of vertebrate microRNA* species. Rna, 2011, 17, 312-326.	3.5	293
29	Comparative analysis of the transcriptome across distant species. Nature, 2014, 512, 445-448.	27.8	289
30	Distinct Mechanisms for MicroRNA Strand Selection by Drosophila Argonautes. Molecular Cell, 2009, 36, 431-444.	9.7	262
31	Pervasive regulation of Drosophila Notch target genes by GY-box-, Brd-box-, and K-box-class microRNAs. Genes and Development, 2005, 19, 1067-1080.	5.9	259
32	Drosophila microRNAs exhibit diverse spatial expression patterns during embryonic development. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18017-18022.	7.1	252
33	Mirtrons: microRNA biogenesis via splicing. Biochimie, 2011, 93, 1897-1904.	2.6	246
34	microRNAs: Runt of the Genome Assert Themselves. Current Biology, 2003, 13, R925-R936.	3.9	239
35	Xenopus Neuralized Is a Ubiquitin Ligase that Interacts with XDelta1 and Regulates Notch Signaling. Developmental Cell, 2001, 1, 795-806.	7.0	209
36	Keeping a good pathway down: transcriptional repression of Notch pathway target genes by CSL proteins. EMBO Reports, 2002, 3, 840-845.	4.5	208

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37	Deep annotation of <i>Drosophila melanogaster</i> microRNAs yields insights into their processing, modification, and emergence. <i>Genome Research</i> , 2011, 21, 203-215.	5.5	207
38	Global Patterns of Tissue-Specific Alternative Polyadenylation in <i>Drosophila</i> . <i>Cell Reports</i> , 2012, 1, 277-289.	6.4	201
39	Functionally distinct regulatory RNAs generated by bidirectional transcription and processing of microRNA loci. <i>Genes and Development</i> , 2008, 22, 26-36.	5.9	185
40	Two distinct mechanisms generate endogenous siRNAs from bidirectional transcription in <i>Drosophila melanogaster</i> . <i>Nature Structural and Molecular Biology</i> , 2008, 15, 581-590.	8.2	176
41	Discrete Enhancer Elements Mediate Selective Responsiveness of Enhancer of split Complex Genes to Common Transcriptional Activators. <i>Developmental Biology</i> , 1999, 213, 33-53.	2.0	173
42	Discovery of hundreds of mirtrons in mouse and human small RNA data. <i>Genome Research</i> , 2012, 22, 1634-1645.	5.5	169
43	Abundant primary piRNAs, endo-siRNAs, and microRNAs in a <i>Drosophila</i> ovary cell line. <i>Genome Research</i> , 2009, 19, 1776-1785.	5.5	164
44	Protein Degradation: Four E3s For The Notch Pathway. <i>Current Biology</i> , 2002, 12, R74-R78.	3.9	161
45	The m6A pathway facilitates sex determination in <i>Drosophila</i> . <i>Nature Communications</i> , 2017, 8, 15737.	12.8	154
46	Lipid rafts make for slippery platforms. <i>Journal of Cell Biology</i> , 2003, 162, 365-370.	5.2	150
47	The <i>Drosophila</i> microRNA <i>iab-4</i> causes a dominant homeotic transformation of halteres to wings. <i>Genes and Development</i> , 2005, 19, 2947-2952.	5.9	150
48	MicroRNA Biogenesis via Splicing and Exosome-Mediated Trimming in <i>Drosophila</i> . <i>Molecular Cell</i> , 2010, 38, 900-907.	9.7	147
49	MicroRNA-205 controls neonatal expansion of skin stem cells by modulating the PI(3)K pathway. <i>Nature Cell Biology</i> , 2013, 15, 1153-1163.	10.3	145
50	The ubiquitin ligase <i>Drosophila</i> Mind bomb promotes Notch signaling by regulating the localization and activity of Serrate and Delta. <i>Development (Cambridge)</i> , 2005, 132, 2319-2332.	2.5	142
51	A hidden program in <i>Drosophila</i> peripheral neurogenesis revealed: fundamental principles underlying sensory organ diversity. <i>Developmental Biology</i> , 2004, 269, 1-17.	2.0	139
52	The evolution and functional diversification of animal microRNA genes. <i>Cell Research</i> , 2008, 18, 985-996.	12.0	134
53	Homeostatic control of Argonaute stability by microRNA availability. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 789-795.	8.2	129
54	Predicting and validating microRNA targets. <i>Genome Biology</i> , 2004, 5, 115.	9.6	124

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55	Evolutionary flux of canonical microRNAs and mirtrons in <i>Drosophila</i> . <i>Nature Genetics</i> , 2010, 42, 6-9.	21.4	105
56	Dicer-independent, Ago2-mediated microRNA biogenesis in vertebrates. <i>Cell Cycle</i> , 2010, 9, 4455-4460.	2.6	102
57	Dicing of viral replication intermediates during silencing of latent <i>Drosophila</i> viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5270-5275.	7.1	101
58	Hybrid Neurons in a MicroRNA Mutant Are Putative Evolutionary Intermediates in Insect CO ₂ Sensory Systems. <i>Science</i> , 2008, 319, 1256-1260.	12.6	98
59	Functional screening identifies miR-315 as a potent activator of Wingless signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18151-18156.	7.1	86
60	neuralized Functions Cell-Autonomously to Regulate a Subset of Notch-Dependent Processes during Adult <i>Drosophila</i> Development. <i>Developmental Biology</i> , 2001, 231, 217-233.	2.0	85
61	microRNA control of cell-cell signaling during development and disease. <i>Cell Cycle</i> , 2008, 7, 2327-2332.	2.6	84
62	Complementary miRNA pairs suggest a regulatory role for miRNA:miRNA duplexes. <i>Rna</i> , 2004, 10, 171-175.	3.5	82
63	A genome-wide transgenic resource for conditional expression of <i>Drosophila</i> microRNAs. <i>Development (Cambridge)</i> , 2012, 139, 2821-2831.	2.5	82
64	Functional parameters of Dicer-independent microRNA biogenesis. <i>Rna</i> , 2012, 18, 945-957.	3.5	81
65	Cross GTPase-activating protein (CrossGAP)/Vilse links the Roundabout receptor to Rac to regulate midline repulsion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4613-4618.	7.1	77
66	The <i>Drosophila</i> miR-310 Cluster Negatively Regulates Synaptic Strength at the Neuromuscular Junction. <i>Neuron</i> , 2010, 68, 879-893.	8.1	76
67	miR-9a prevents apoptosis during wing development by repressing <i>Drosophila</i> LIM-only. <i>Developmental Biology</i> , 2010, 338, 63-73.	2.0	75
68	RNA Sensors and Riboswitches: Self-Regulating Messages. <i>Current Biology</i> , 2003, 13, R285-R291.	3.9	74
69	The nuclear export receptor XPO-1 supports primary miRNA processing in <i>C. elegans</i> and <i>Drosophila</i> . <i>EMBO Journal</i> , 2010, 29, 1830-1839.	7.8	72
70	Computational and experimental identification of mirtrons in <i>Drosophila melanogaster</i> and <i>Caenorhabditis elegans</i> . <i>Genome Research</i> , 2011, 21, 286-300.	5.5	71
71	New genes often acquire male-specific functions but rarely become essential in <i>Drosophila</i> . <i>Genes and Development</i> , 2017, 31, 1841-1846.	5.9	71
72	The BEN domain is a novel sequence-specific DNA-binding domain conserved in neural transcriptional repressors. <i>Genes and Development</i> , 2013, 27, 602-614.	5.9	70

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73	Analysis of Nearly One Thousand Mammalian Mirtrons Reveals Novel Features of Dicer Substrates. PLoS Computational Biology, 2015, 11, e1004441.	3.2	70
74	miRNAs: Whys and Wherefores of miRNA-Mediated Regulation. Current Biology, 2005, 15, R458-R460.	3.9	69
75	The long and short of inverted repeat genes in animals: MicroRNAs, mirtrons and hairpin RNAs. Cell Cycle, 2008, 7, 2840-2845.	2.6	69
76	Ars2 maintains neural stem-cell identity through direct transcriptional activation of Sox2. Nature, 2012, 481, 195-198.	27.8	69
77	A Genome-Wide Survey of Sexually Dimorphic Expression of Drosophila miRNAs Identifies the Steroid Hormone-Induced miRNA let-7 as a Regulator of Sexual Identity. Genetics, 2014, 198, 647-668.	2.9	68
78	The hpRNA/RNAi Pathway Is Essential to Resolve Intragenomic Conflict in the Drosophila Male Germline. Developmental Cell, 2018, 46, 316-326.e5.	7.0	67
79	Diversity of miRNAs, siRNAs, and piRNAs across 25 <i>Drosophila</i> cell lines. Genome Research, 2014, 24, 1236-1250.	5.5	66
80	Landscape and evolution of tissue-specific alternative polyadenylation across Drosophila species. Genome Biology, 2017, 18, 229.	8.8	66
81	Common and distinct patterns of terminal modifications to mirtrons and canonical microRNAs. Rna, 2012, 18, 177-192.	3.5	64
82	Drosophila piwi Mutants Exhibit Germline Stem Cell Tumors that Are Sustained by Elevated Dpp Signaling. Current Biology, 2013, 23, 1442-1448.	3.9	63
83	A transgenic resource for conditional competitive inhibition of conserved Drosophila microRNAs. Nature Communications, 2015, 6, 7279.	12.8	63
84	A <i>Drosophila pasha</i> Mutant Distinguishes the Canonical MicroRNA and Mirtron Pathways. Molecular and Cellular Biology, 2009, 29, 861-870.	2.3	59
85	Selective Suppression of the Splicing-Mediated MicroRNA Pathway by the Terminal Uridyltransferase Tailor. Molecular Cell, 2015, 59, 217-228.	9.7	58
86	R2D2 Organizes Small Regulatory RNA Pathways in <i>Drosophila</i> . Molecular and Cellular Biology, 2011, 31, 884-896.	2.3	57
87	Functional small RNAs are generated from select miRNA hairpin loops in flies and mammals. Genes and Development, 2013, 27, 778-792.	5.9	57
88	Two decades of miRNA biology: lessons and challenges. Rna, 2015, 21, 675-677.	3.5	57
89	Dual Strategies for Argonaute2-Mediated Biogenesis of Erythroid miRNAs Underlie Conserved Requirements for Slicing in Mammals. Molecular Cell, 2018, 69, 265-278.e6.	9.7	56
90	IsoSCM: improved and alternative 3' UTR annotation using multiple change-point inference. Rna, 2015, 21, 14-27.	3.5	54

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91	A neural m6A/Ythdf pathway is required for learning and memory in <i>Drosophila</i> . <i>Nature Communications</i> , 2021, 12, 1458.	12.8	54
92	Control of microRNA biogenesis and transcription by cell signaling pathways. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 504-510.	3.3	53
93	<i>Drosophila</i> Argonaute 1 and its miRNA biogenesis partners are required for oocyte formation and germline cell division. <i>Developmental Biology</i> , 2012, 365, 384-394.	2.0	52
94	Adaptive Regulation of Testis Gene Expression and Control of Male Fertility by the <i>Drosophila</i> Hairpin RNA Pathway. <i>Molecular Cell</i> , 2015, 57, 165-178.	9.7	52
95	Alternative polyadenylation in the nervous system: To what lengths will 3' UTR extensions take us?. <i>BioEssays</i> , 2014, 36, 766-777.	2.5	51
96	Neurophysiological Defects and Neuronal Gene Deregulation in <i>Drosophila</i> mir-124 Mutants. <i>PLoS Genetics</i> , 2012, 8, e1002515.	3.5	48
97	Cancer-associated mutations in DICER1 RNase IIIa and IIIb domains exert similar effects on miRNA biogenesis. <i>Nature Communications</i> , 2019, 10, 3682.	12.8	48
98	Evolution of mir-92a Underlies Natural Morphological Variation in <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2013, 23, 523-528.	3.9	47
99	Adaptive evolution of testis-specific, recently evolved, clustered miRNAs in <i>Drosophila</i> . <i>Rna</i> , 2014, 20, 1195-1209.	3.5	47
100	Lessons from microRNA mutants in worms, flies and mice. <i>Cell Cycle</i> , 2008, 7, 2500-2508.	2.6	46
101	A deeply conserved, noncanonical miRNA hosted by ribosomal DNA. <i>Rna</i> , 2015, 21, 375-384.	3.5	46
102	The Hippo Pathway Regulates Hematopoiesis in <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2014, 24, 2673-2680.	3.9	45
103	Common and distinct DNA-binding and regulatory activities of the BEN-solo transcription factor family. <i>Genes and Development</i> , 2015, 29, 48-62.	5.9	41
104	Diverse modes of evolutionary emergence and flux of conserved microRNA clusters. <i>Rna</i> , 2014, 20, 1850-1863.	3.5	40
105	Alteration of miRNA activity via context-specific modifications of Argonaute proteins. <i>Trends in Cell Biology</i> , 2014, 24, 546-553.	7.9	40
106	Homeotic Function of <i>Drosophila</i> Bithorax-Complex miRNAs Mediates Fertility by Restricting Multiple Hox Genes and TALE Cofactors in the CNS. <i>Developmental Cell</i> , 2014, 29, 635-648.	7.0	40
107	Deep experimental profiling of microRNA diversity, deployment, and evolution across the <i>Drosophila</i> genus. <i>Genome Research</i> , 2018, 28, 52-65.	5.5	39
108	Regulation of <i>Drosophila</i> Neurogenesis by RNA:RNA Duplexes?. <i>Cell</i> , 1998, 93, 1103-1104.	28.9	36

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109	The miR-310/13 cluster antagonizes β -catenin function in the regulation of germ and somatic cell differentiation in the <i>Drosophila</i> testis. <i>Development (Cambridge)</i> , 2013, 140, 2904-2916.	2.5	36
110	A view from <i>Drosophila</i> : Multiple biological functions for individual microRNAs. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 745-753.	5.0	35
111	The impact of age, biogenesis, and genomic clustering on <i>Drosophila</i> microRNA evolution. <i>Rna</i> , 2013, 19, 1295-1308.	3.5	35
112	Genomic Clustering Facilitates Nuclear Processing of Suboptimal Pri-miRNA Loci. <i>Molecular Cell</i> , 2020, 78, 303-316.e4.	9.7	35
113	RNase III-independent microRNA biogenesis in mammalian cells. <i>Rna</i> , 2012, 18, 2166-2173.	3.5	34
114	Overlapping Activities of ELAV/Hu Family RNA Binding Proteins Specify the Extended Neuronal 3' UTR Landscape in <i>Drosophila</i> . <i>Molecular Cell</i> , 2020, 80, 140-155.e6.	9.7	33
115	Natural Variation of the Amino-Terminal Glutamine-Rich Domain in <i>Drosophila</i> Argonaute2 Is Not Associated with Developmental Defects. <i>PLoS ONE</i> , 2010, 5, e15264.	2.5	32
116	miR-124 Regulates Diverse Aspects of Rhythmic Behavior in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2016, 36, 3414-3421.	3.6	32
117	ELAV/Hu RNA binding proteins determine multiple programs of neural alternative splicing. <i>PLoS Genetics</i> , 2021, 17, e1009439.	3.5	32
118	BEND6 is a nuclear antagonist of Notch signaling during self-renewal of neural stem cells. <i>Development (Cambridge)</i> , 2013, 140, 1892-1902.	2.5	31
119	Rapid evolutionary dynamics of an expanding family of meiotic drive factors and their hpRNA suppressors. <i>Nature Ecology and Evolution</i> , 2021, 5, 1613-1623.	7.8	31
120	Frequent Unanticipated Alleles of <i>lethal giant larvae</i> in <i>Drosophila</i> Second Chromosome Stocks. <i>Genetics</i> , 2009, 182, 407-410.	2.9	28
121	A <i>Drosophila</i> genetic screen yields allelic series of core microRNA biogenesis factors and reveals post-developmental roles for microRNAs. <i>Rna</i> , 2011, 17, 1997-2010.	3.5	28
122	Multiple In Vivo Biological Processes Are Mediated by Functionally Redundant Activities of <i>Drosophila</i> mir-279 and mir-996. <i>PLoS Genetics</i> , 2015, 11, e1005245.	3.5	28
123	Transcriptional Regulation of the Glutamate/GABA/Glutamine Cycle in Adult Glia Controls Motor Activity and Seizures in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2019, 39, 5269-5283.	3.6	26
124	Mechanism and Function of Antiviral RNA Interference in Mice. <i>MBio</i> , 2020, 11, .	4.1	25
125	Genome-wide identification of Grainy head targets in <i>Drosophila</i> reveals regulatory interactions with the POU-domain transcription factor, Vvl. <i>Development (Cambridge)</i> , 2017, 144, 3145-3155.	2.5	24
126	DICER1 Is Essential for Self-Renewal of Human Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2018, 11, 616-625.	4.8	24

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127	Notch Cleavage: Nicastrin Helps Presenilin Make the Final Cut. <i>Current Biology</i> , 2002, 12, R200-R202.	3.9	23
128	Intertwined pathways for Argonaute-mediated microRNA biogenesis in <i>Drosophila</i> . <i>Nucleic Acids Research</i> , 2014, 42, 1987-2002.	14.5	23
129	Insensitive is a corepressor for Suppressor of Hairless and regulates Notch signalling during neural development. <i>EMBO Journal</i> , 2011, 30, 3120-3133.	7.8	21
130	Short cryptic exons mediate recursive splicing in <i>Drosophila</i> . <i>Nature Structural and Molecular Biology</i> , 2018, 25, 365-371.	8.2	21
131	XPO5 promotes primary miRNA processing independently of RanGTP. <i>Nature Communications</i> , 2020, 11, 1845.	12.8	21
132	Exploiting <i>Drosophila</i> Genetics to Understand MicroRNA Function and Regulation. <i>Current Topics in Developmental Biology</i> , 2012, 99, 201-235.	2.2	20
133	Genome-wide profiling of the 3' ends of polyadenylated RNAs. <i>Methods</i> , 2017, 126, 86-94.	3.8	20
134	miRNAs and Neural Alternative Polyadenylation Specify the Virgin Behavioral State. <i>Developmental Cell</i> , 2020, 54, 410-423.e4.	7.0	20
135	Hox miRNA regulation within the <i>Drosophila</i> Bithorax complex: Patterning behavior. <i>Mechanisms of Development</i> , 2015, 138, 151-159.	1.7	19
136	An extensive allelic series of <i>Drosophila kael</i> mutants reveals diverse and tissue-specific requirements for t6A biogenesis. <i>Rna</i> , 2015, 21, 2103-2118.	3.5	18
137	The Exon Junction Complex and intron removal prevent re-splicing of mRNA. <i>PLoS Genetics</i> , 2021, 17, e1009563.	3.5	17
138	<i>Drosophila</i> Tufted Is a Gain-of-Function Allele of the Proneural Gene amos. <i>Genetics</i> , 2003, 163, 1413-1425.	2.9	17
139	Bi-functional cross-linking reagents efficiently capture protein-DNA complexes in <i>Drosophila</i> embryos. <i>Fly</i> , 2014, 8, 43-51.	1.7	16
140	Neural specificity of the RNA binding protein Elav is achieved by post-transcriptional repression in non-neural tissues. <i>Development (Cambridge)</i> , 2016, 143, 4474-4485.	2.5	16
141	Transgenic Inhibitors of RNA Interference in <i>Drosophila</i> . <i>Fly</i> , 2007, 1, 311-316.	1.7	15
142	BEN-solo factors partition active chromatin to ensure proper gene activation in <i>Drosophila</i> . <i>Nature Communications</i> , 2019, 10, 5700.	12.8	15
143	Distinct structural bases for sequence-specific DNA binding by mammalian BEN domain proteins. <i>Genes and Development</i> , 2022, 36, 225-240.	5.9	13
144	Characterization of a TUTase/RNase complex required for <i>Drosophila</i> gametogenesis. <i>Rna</i> , 2017, 23, 284-296.	3.5	12

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145	Regulation of embryonic and adult neurogenesis by Ars2. Development (Cambridge), 2020, 147, .	2.5	10
146	miR-486 is essential for muscle function and suppresses a dystrophic transcriptome. Life Science Alliance, 2022, 5, e202101215.	2.8	10
147	A comprehensive in vivo screen for anti-apoptotic miRNAs indicates broad capacities for oncogenic synergy. Developmental Biology, 2021, 475, 10-20.	2.0	9
148	The <i>mir-279/996</i> cluster represses receptor tyrosine kinase signaling to determine cell fates in the <i>Drosophila</i> eye. Development (Cambridge), 2018, 145, .	2.5	8
149	Regulated dicing of <i>pre-mir-144</i> via reshaping of its terminal loop. Nucleic Acids Research, 0, , .	14.5	8
150	Developmental Signaling: Shrimp and Strawberries Help Flies Make Cones. Current Biology, 2002, 12, R722-R724.	3.9	7
151	Regulation of the Alternative Neural Transcriptome by ELAV/Hu RNA Binding Proteins. Frontiers in Genetics, 2022, 13, 848626.	2.3	7
152	miRNA suppression of a Notch repressor directs non-neuronal fate in <i>Drosophila</i> mechanosensory organs. Journal of Cell Biology, 2018, 217, 571-583.	5.2	6
153	A double-negative gene regulatory circuit underlies the virgin behavioral state. Cell Reports, 2021, 36, 109335.	6.4	6
154	RNA silencing in Monterey. Development (Cambridge), 2011, 138, 3093-3102.	2.5	5
155	A Deathly DNase Activity for Dicer. Developmental Cell, 2010, 18, 692-694.	7.0	3
156	RNAi in Xenopus: look before you leap. Genes and Development, 2011, 25, 1105-1108.	5.9	2
157	A Signaling-Induced Switch in Dicer Localization and Function. Developmental Cell, 2014, 31, 523-524.	7.0	2
158	A comprehensive dataset of microRNA misexpression phenotypes in the Drosophila eye. Data in Brief, 2021, 36, 107037.	1.0	2
159	Molecular and genetic dissection of recursive splicing. Life Science Alliance, 2022, 5, e202101063.	2.8	2
160	RB pockets the cell cycle. Journal of Cell Biology, 2003, 161, 12-12.	5.2	0
161	Where new neurons come from. Journal of Cell Biology, 2003, 161, 13-13.	5.2	0
162	Life in a low calcium home. Journal of Cell Biology, 2003, 161, 12-13.	5.2	0

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163	Lamas in loops. Journal of Cell Biology, 2003, 161, 13-13.	5.2	0
164	APP causes an energy crisis. Journal of Cell Biology, 2003, 161, 12-12.	5.2	0
165	Seeing is believing: strategies for studying microRNA expression. , 0, , 42-57.		0
166	Kathryn Anderson (1952â€“2020). Cell, 2021, 184, 1123-1126.	28.9	0