Gerald M Rubin

List of Publications by Year
in descending order

241 papers	101,479 citations	553 126 h-index	1066 233 g-index
289 all docs	289 docs citations	289 times ranked	83370 citing authors

#	Article	IF	Citations
1	A functionally ordered visual feature map in the Drosophila brain. Neuron, 2022, 110, 1700-1711.e6.	3.8	41
2	Information flow, cell types and stereotypy in a full olfactory connectome. ELife, 2021, 10, .	2.8	92
3	A connectome of the Drosophila central complex reveals network motifs suitable for flexible navigation and context-dependent action selection. ELife, 2021, 10, .	2.8	168
4	Synaptic targets of photoreceptors specialized to detect color and skylight polarization in Drosophila. ELife, 2021, 10, .	2.8	33
5	Input Connectivity Reveals Additional Heterogeneity of Dopaminergic Reinforcement in Drosophila. Current Biology, 2020, 30, 3200-3211.e8.	1.8	52
6	Complete Connectomic Reconstruction of Olfactory Projection Neurons in the Fly Brain. Current Biology, 2020, 30, 3183-3199.e6.	1.8	128
7	The Neuroanatomical Ultrastructure and Function of a Biological Ring Attractor. Neuron, 2020, 108, 145-163.e10.	3.8	92
8	The Mind of a Mouse. Cell, 2020, 182, 1372-1376.	13.5	127
9	Toward nanoscale localization of memory engrams in<i>Drosophila</i>. Journal of Neurogenetics, 2020, 34, 151-155.	0.6	12
10	A genetic, genomic, and computational resource for exploring neural circuit function. ELife, 2020, 9, .	2.8	159
11	A connectome and analysis of the adult Drosophila central brain. ELife, 2020, 9, .	2.8	596
12	Spatial readout of visual looming in the central brain of Drosophila. ELife, 2020, 9, .	2.8	37
13	Cell types and neuronal circuitry underlying female aggression in Drosophila. ELife, 2020, 9, .	2.8	62
14	The connectome of the adult Drosophila mushroom body provides insights into function. ELife, 2020, 9, .	2.8	231
15	Correction: Nitric oxide acts as a cotransmitter in a subset of dopaminergic neurons to diversify memory dynamics. ELife, 2020, 9, .	2.8	0
16	Cortical column and whole-brain imaging with molecular contrast and nanoscale resolution. Science, 2019, 363, .	6.0	277
17	Neurogenetic dissection of the Drosophila lateral horn reveals major outputs, diverse behavioural functions, and interactions with the mushroom body. ELife, 2019, 8, .	2.8	124
18	Looking back and looking forward at Janelia. ELife, 2019, 8, .	2.8	4

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19	Nitric oxide acts as a cotransmitter in a subset of dopaminergic neurons to diversify memory dynamics. ELife, 2019, 8, .	2.8	91
20	Genetic Reagents for Making Split-GAL4 Lines in <i>Drosophila</i>. Genetics, 2018, 209, 31-35.	1.2	162
21	Neuroarchitecture of the <i>Drosophila</i> central complex: A catalog of nodulus and asymmetrical body neurons and a revision of the protocerebral bridge catalog. Journal of Comparative Neurology, 2018, 526, 2585-2611.	0.9	120
22	Communication from Learned to Innate Olfactory Processing Centers Is Required for Memory Retrieval in Drosophila. Neuron, 2018, 100, 651-668.e8.	3.8	80
23	The glia of the adult <i><scp>D</scp>rosophila</i> nervous system. Glia, 2017, 65, 606-638.	2.5	218
24	Moonwalker Descending Neurons Mediate Visually Evoked Retreat in Drosophila. Current Biology, 2017, 27, 766-771.	1.8	62
25	Representations of Novelty and Familiarity in a Mushroom Body Compartment. Cell, 2017, 169, 956-969.e17.	13.5	113
26	The Emergence of Directional Selectivity in the Visual Motion Pathway of Drosophila. Neuron, 2017, 94, 168-182.e10.	3.8	146
27	A Circuit Node that Integrates Convergent Input from Neuromodulatory and Social Behavior-Promoting Neurons to Control Aggression in Drosophila. Neuron, 2017, 95, 1112-1128.e7.	3.8	77
28	Mapping the Neural Substrates of Behavior. Cell, 2017, 170, 393-406.e28.	13.5	196
29	Ultra-selective looming detection from radial motion opponency. Nature, 2017, 551, 237-241.	13.7	121
30	The comprehensive connectome of a neural substrate for â€˜ONâ€™ motion detection in Drosophila. ELife, 2017, 6, .	2.8	166
31	A connectome of a learning and memory center in the adult Drosophila brain. ELife, 2017, 6, .	2.8	308
32	Direct neural pathways convey distinct visual information to Drosophila mushroom bodies. ELife, 2016, 5, .	2.8	119
33	Dopaminergic neurons write and update memories with cell-type-specific rules. ELife, 2016, 5, .	2.8	235
34	Visual projection neurons in the Drosophila lobula link feature detection to distinct behavioral programs. ELife, 2016, 5, .	2.8	200
35	Neuroarchitecture and neuroanatomy of theDrosophilacentral complex: A GAL4-based dissection of protocerebral bridge neurons and circuits. Journal of Comparative Neurology, 2015, 523, Spc1-Spc1.	0.9	3
36	FlyBook: A Preface. Genetics, 2015, 201, 343-343.	1.2	1

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37	Control of Sleep by Dopaminergic Inputs to the Drosophila Mushroom Body. Frontiers in Neural Circuits, 2015, 9, 73.	1.4	77
38	P1 interneurons promote a persistent internal state that enhances inter-male aggression in Drosophila. ELife, 2015, 4, .	2.8	169
39	Distinct dopamine neurons mediate reward signals for short- and long-term memories. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 578-583.	3.3	205
40	A Dopamine-Modulated Neural Circuit Regulating Aversive Taste Memory in Drosophila. Current Biology, 2015, 25, 1535-1541.	1.8	82
41	Optimized tools for multicolor stochastic labeling reveal diverse stereotyped cell arrangements in the fly visual system. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2967-76.	3.3	481
42	Heterosynaptic Plasticity Underlies Aversive Olfactory Learning in Drosophila. Neuron, 2015, 88, 985-998.	3.8	294
43	The Release 6 reference sequence of the <i>Drosophila melanogaster</i> genome. Genome Research, 2015, 25, 445-458.	2.4	359
44	Neural Circuit to Integrate Opposing Motions in the Visual Field. Cell, 2015, 162, 351-362.	13.5	111
45	High-performance probes for light and electron microscopy. Nature Methods, 2015, 12, 568-576.	9.0	225
46	Neuroarchitecture and neuroanatomy of the <i>Drosophila</i> central complex: A GAL4â€based dissection of protocerebral bridge neurons and circuits. Journal of Comparative Neurology, 2015, 523, 997-1037.	0.9	273
47	Plasticity-driven individualization of olfactory coding in mushroom body output neurons. Nature, 2015, 526, 258-262.	13.7	142
48	Propagation of Homeostatic Sleep Signals by Segregated Synaptic Microcircuits of the Drosophila Mushroom Body. Current Biology, 2015, 25, 2915-2927.	1.8	133
49	A Higher Brain Circuit for Immediate Integration of Conflicting Sensory Information in Drosophila. Current Biology, 2015, 25, 2203-2214.	1.8	142
50	Neuron hemilineages provide the functional ground plan for the Drosophila ventral nervous system. ELife, 2015, 4, .	2.8	97
51	Reward signal in a recurrent circuit drives appetitive long-term memory formation. ELife, 2015, 4, e10719.	2.8	127
52	Wide-Field Feedback Neurons Dynamically Tune Early Visual Processing. Neuron, 2014, 82, 887-895.	3.8	57
53	Shared mushroom body circuits underlie visual and olfactory memories in Drosophila. ELife, 2014, 3, e02395.	2.8	158
54	The neuronal architecture of the mushroom body provides a logic for associative learning. ELife, 2014, 3, e04577.	2.8	833

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55	Mushroom body output neurons encode valence and guide memory-based action selection in Drosophila. ELife, 2014, 3, e04580.	2.8	576
56	A visual motion detection circuit suggested by Drosophila connectomics. Nature, 2013, 500, 175-181.	13.7	631
57	A directional tuning map of Drosophila elementary motion detectors. Nature, 2013, 500, 212-216.	13.7	327
58	Contributions of the 12 Neuron Classes in the Fly Lamina to Motion Vision. Neuron, 2013, 79, 128-140.	3.8	191
59	The effort to make mosaic analysis a household tool. Development (Cambridge), 2012, 139, 4501-4503.	1.2	27
60	Using translational enhancers to increase transgene expression in <i>Drosophila</i>. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6626-6631.	3.3	362
61	A Resource for Manipulating Gene Expression and Analyzing cis-Regulatory Modules in the Drosophila CNS. Cell Reports, 2012, 2, 1002-1013.	2.9	113
62	A Survey of 6,300 Genomic Fragments for cis-Regulatory Activity in the Imaginal Discs of Drosophila melanogaster. Cell Reports, 2012, 2, 1014-1024.	2.9	115
63	A GAL4-Driver Line Resource for Drosophila Neurobiology. Cell Reports, 2012, 2, 991-1001.	2.9	1,287
64	A subset of dopamine neurons signals reward for odour memory in Drosophila. Nature, 2012, 488, 512-516.	13.7	520
65	Mushroom body efferent neurons responsible for aversive olfactory memory retrieval in Drosophila. Nature Neuroscience, 2011, 14, 903-910.	7.1	244
66	Multiple new site-specific recombinases for use in manipulating animal genomes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14198-14203.	3.3	154
67	Refinement of Tools for Targeted Gene Expression in Drosophila. Genetics, 2010, 186, 735-755.	1.2	1,006
68	Quick Preparation of Genomic DNA from <i>Drosophila</i>. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5198.	0.2	29
69	Recovery of DNA Sequences Flanking P-Element Insertions in <i>Drosophila</i>: Inverse PCR and Plasmid Rescue. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5199.	0.2	23
70	Tools for neuroanatomy and neurogenetics in <i>Drosophila</i>. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9715-9720.	3.3	902
71	Biological Annotation of the Drosophila Genome Sequence. Novartis Foundation Symposium, 2008, , 79-83.	1.2	8
72	Global analysis of patterns of gene expression during Drosophila embryogenesis. Genome Biology, 2007, 8, R145.	13.9	387

#	Article	IF	Citations
73	Global analyses of mRNA translational control during early Drosophila embryogenesis. Genome Biology, 2007, 8, R63.	13.9	74
74	Comparative Analysis of Spatial Patterns of Gene Expression in DrosophilaÂmelanogaster Imaginal Discs. , 2007, , 533-547.		9
75	Janelia Farm: An Experiment in Scientific Culture. Cell, 2006, 125, 209-212.	13.5	19
76	Large-Scale Trends in the Evolution of Gene Structures within 11 Animal Genomes. PLoS Computational Biology, 2006, 2, e15.	1.5	69
77	Pervasive regulation of Drosophila Notch target genes by GY-box-, Brd-box-, and K-box-class microRNAs. Genes and Development, 2005, 19, 1067-1080.	2.7	259
78	The ubiquitin ligase Drosophila Mind bomb promotes Notch signaling by regulating the localization and activity of Serrate and Delta. Development (Cambridge), 2005, 132, 2319-2332.	1.2	142
79	Identification of putative noncoding polyadenylated transcripts in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5495-5500.	3.3	112
80	A computational and experimental approach to validating annotations and gene predictions in the Drosophila melanogaster genome. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1566-1571.	3.3	32
81	Cathepsin D-deficient Drosophila recapitulate the key features of neuronal ceroid lipofuscinoses. Neurobiology of Disease, 2005, 19, 194-199.	2.1	68
82	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.	3.3	252
83	Complementary miRNA pairs suggest a regulatory role for miRNA:miRNA duplexes. Rna, 2004, 10, 171-175.	1.6	82
84	Drosophila melanogaster MNK/Chk2 and p53 Regulate Multiple DNA Repair and Apoptotic Pathways following DNA Damage. Molecular and Cellular Biology, 2004, 24, 1219-1231.	1.1	284
85	Nurturing interdisciplinary research. Nature Structural and Molecular Biology, 2004, 11, 1166-1169.	3.6	44
86	The BDGP Gene Disruption Project. Genetics, 2004, 167, 761-781.	1.2	774
87	Computational identification of developmental enhancers: conservation and function of transcription factor binding-site clusters in Drosophila melanogaster and Drosophila pseudoobscura. Genome Biology, 2004, 5, R61.	13.9	184
88	THEDROSOPHILAMELANOGASTERGENOME. Annual Review of Genomics and Human Genetics, 2003, 4, 89-117.	2.5	111
89	Y chromosome and other heterochromatic sequences of the Drosophila melanogaster genome: how far can we go?. Genetica, 2003, 117, 227-237.	0.5	43
90	Quantitative Analysis of Bristle Number in Drosophila Mutants Identifies Genes Involved in Neural Development. Current Biology, 2003, 13, 1388-1396.	1.8	113

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91	Drosophila Matrix Metalloproteinases Are Required for Tissue Remodeling, but Not Embryonic Development. Developmental Cell, 2003, 4, 95-106.	3.1	227
92	Computational identification of Drosophila microRNA genes. Genome Biology, 2003, 4, R42.	13.9	624
93	The Drosophila synaptotagmin-like protein bitesize is required for growth and has mRNA localization sequences within its open reading frame. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13368-13373.	3.3	42
94	The FlyBase database of the Drosophila genome projects and community literature. Nucleic Acids Research, 2003, 31, 172-175.	6.5	372
95	Comparative Genome and Proteome Analysis ofAnopheles gambiaeandDrosophila melanogaster. Science, 2002, 298, 149-159.	6.0	531
96	ARGONAUTE1 is required for efficient RNA interference in Drosophila embryos. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6889-6894.	3.3	164
97	Exploiting transcription factor binding site clustering to identify cis-regulatory modules involved in pattern formation in the Drosophila genome. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 757-762.	3.3	541
98	The Drosophila Gene Collection: Identification of Putative Full-Length cDNAs for 70% of D. melanogaster Genes. Genome Research, 2002, 12, 1294-1300.	2.4	180
99	Biological and computational annotation of the Drosophila Genome Sequence. , 2002, , .		0
100	Targeted mutagenesis by homologous recombination in D. melanogaster. Genes and Development, 2002, 16, 1568-1581.	2.7	298
101	An expectation maximization algorithm for training hidden substitution models 1 1Edited by F. Cohen. Journal of Molecular Biology, 2002, 317, 753-764.	2.0	68
102	The transposable elements of the Drosophila melanogaster euchromatin: a genomics perspective. Genome Biology, 2002, 3, research0084.1.	13.9	467
103	Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16899-16903.	3.3	1,610
104	Finishing a whole-genome shotgun: release 3 of the Drosophila melanogaster euchromatic genome sequence. Genome Biology, 2002, 3, research0079.1.	13.9	313
105	Annotation of the Drosophila melanogaster euchromatic genome: a systematic review. Genome Biology, 2002, 3, research0083.1.	13.9	308
106	Heterochromatic sequences in a Drosophila whole-genome shotgun assembly. Genome Biology, 2002, 3, research0085.1.	13.9	232
107	Computational analysis of core promoters in the Drosophila genome. Genome Biology, 2002, 3, research0087.1.	13.9	374
108	A Drosophila full-length cDNA resource. Genome Biology, 2002, 3, research0080.1.	13.9	163

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109	Assessing the impact of comparative genomic sequence data on the functional annotation of the Drosophila genome. Genome Biology, 2002, 3, research0086.1.	13.9	120
110	Systematic determination of patterns of gene expression during Drosophila embryogenesis. Genome Biology, 2002, 3, research0088.1.	13.9	600
111	Evidence for large domains of similarly expressed genes in the Drosophila genome. , 2002, 1, 5.		422
112	The Toll and Imd pathways are the major regulators of the immune response in Drosophila. EMBO Journal, 2002, 21, 2568-2579.	3.5	754
113	The Ca2+-Calmodulin-Activated Protein Phosphatase Calcineurin Negatively Regulates Egf Receptor Signaling in Drosophila Development. Genetics, 2002, 161, 183-193.	1.2	31
114	neuralized Functions Cell-Autonomously to Regulate a Subset of Notch-Dependent Processes during Adult Drosophila Development. Developmental Biology, 2001, 231, 217-233.	0.9	85
115	Drosophila Neuralized Is a Ubiquitin Ligase that Promotes the Internalization and Degradation of Delta. Developmental Cell, 2001, 1, 783-794.	3.1	302
116	Drosophila Fragile X-Related Gene Regulates the MAP1B Homolog Futsch to Control Synaptic Structure and Function. Cell, 2001, 107, 591-603.	13.5	602
117	Creating the Gene Ontology Resource: Design and Implementation. Genome Research, 2001, 11, 1425-1433.	2.4	881
118	Comparing species. Nature, 2001, 409, 820-821.	13.7	77
119	Genome-wide analysis of the Drosophila immune response by using oligonucleotide microarrays. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12590-12595.	3.3	657
120	Gene Ontology: tool for the unification of biology. Nature Genetics, 2000, 25, 25-29.	9.4	34,499
121	The Genome Sequence of Drosophila melanogaster. Science, 2000, 287, 2185-2195.	6.0	5,566
122	Comparative Genomics of the Eukaryotes. Science, 2000, 287, 2204-2215.	6.0	1,573
123	A BAC-Based Physical Map of the Major Autosomes of Drosophila melanogaster. Science, 2000, 287, 2271-2274.	6.0	142
124	Drosophila p53 Binds a Damage Response Element at the reaper Locus. Cell, 2000, 101, 103-113.	13.5	432
125	A Whole-Genome Assembly of Drosophila. Science, 2000, 287, 2196-2204.	6.0	1,449
126	A Brief History of Drosophila's Contributions to Genome Research. Science, 2000, 287, 2216-2218.	6.0	216

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127	A Drosophila Complementary DNA Resource. Science, 2000, 287, 2222-2224.	6.0	337
128	Insertion site preferences of the P transposable element in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 3347-51.	3.3	137
129	A Genetic Screen for Novel Components of the Ras/Mitogen-Activated Protein Kinase Signaling Pathway That Interact With the yan Gene of Drosophila Identifies split ends, a New RNA Recognition Motif-Containing Protein. Genetics, 2000, 154, 695-712.	1.2	134
130	A Misexpression Screen Identifies Genes That Can Modulate RAS1 Pathway Signaling in <i>Drosophila melanogaster</i>. Genetics, 2000, 156, 1219-1230.	1.2	101
131	A Genetic Screen for Modifiers of a Kinase Suppressor of Ras-Dependent Rough Eye Phenotype in Drosophila. Genetics, 2000, 156, 1231-1242.	1.2	82
132	<i>mus304</i> encodes a novel DNA damage checkpoint protein required during <i>Drosophila</i> development. Genes and Development, 2000, 14, 666-678.	2.7	105
133	Drosophila and human RecQ5 exist in different isoforms generated by alternative splicing. Nucleic Acids Research, 1999, 27, 3762-3769.	6.5	61
134	Synaptic function modulated by changes in the ratio of synaptotagmin I and IV. Nature, 1999, 400, 757-760.	13.7	149
135	PTP-ER, a Novel Tyrosine Phosphatase, Functions Downstream of Ras1 to Downregulate MAP Kinase during Drosophila Eye Development. Molecular Cell, 1999, 3, 741-750.	4.5	71
136	gigas, a Drosophila Homolog of Tuberous Sclerosis Gene Product-2, Regulates the Cell Cycle. Cell, 1999, 96, 529-539.	13.5	252
137	Identification of Constitutive and Ras-Inducible Phosphorylation Sites of KSR: Implications for 14-3-3 Binding, Mitogen-Activated Protein Kinase Binding, and KSR Overexpression. Molecular and Cellular Biology, 1999, 19, 229-240.	1.1	194
138	The Berkeley Drosophila Genome Project Gene Disruption Project: Single P-Element Insertions Mutating 25% of Vital Drosophila Genes. Genetics, 1999, 153, 135-177.	1.2	731
139	The Drosophila genome project: a progress report. Trends in Genetics, 1998, 14, 340-343.	2.9	26
140	CNK, a RAF-Binding Multidomain Protein Required for RAS Signaling. Cell, 1998, 95, 343-353.	13.5	166
141	BioViews: Java-Based Tools for Genomic Dataâ€‰Visualization. Genome Research, 1998, 8, 291-305.	2.4	28
142	A high throughput screen to identify secreted and transmembrane proteins involved in Drosophila embryogenesis. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 9973-9978.	3.3	108
143	A Computer Program for Aligning a cDNA Sequence with a Genomic DNA Sequence. Genome Research, 1998, 8, 967-974.	2.4	683
144	The development of the Drosophila visual system. , 1998, , 474-508.		9

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146	A Genetic Screen to Identify Components of the sina Signaling Pathway in Drosophila Eye Development. Genetics, 1998, 148, 277-286.	1.2	74
147	P element insertion-dependent gene activation in the Drosophila eye. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 5195-5200.	3.3	99
148	Kuzbanian Controls Proteolytic Processing of Notch and Mediates Lateral Inhibition during Drosophila and Vertebrate Neurogenesis. Cell, 1997, 90, 271-280.	13.5	488
149	PHYL Acts to Down-Regulate TTK88, a Transcriptional Repressor of Neuronal Cell Fates, by a SINA-Dependent Mechanism. Cell, 1997, 90, 459-467.	13.5	222
150	misshapen encodes a protein kinase involved in cell shape control in Drosophila. Gene, 1997, 186, 119-125.	1.0	49
151	KSR stimulates Raf-1 activity in a kinase-independent manner. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 12792-12796.	3.3	161
152	Targets of glass regulation in the Drosophila eye disc. Mechanisms of Development, 1996, 56, 17-24.	1.7	20
153	Pk92b: a drosophila melanogaster protein kinase that belongs to the mekk family. Gene, 1996, 169, 283-284.	1.0	10
154	The Role of the Genome Project in Determining Gene Function: Insights from Model Organisms. Cell, 1996, 86, 521-529.	13.5	451
155	A Drosophila gene regulated by rough and glass shows similarity to ena and VASP. Gene, 1996, 183, 103-108.	1.0	17
156	The cell surface metalloprotease/disintegrin Kuzbanian is required for axonal extension in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13233-13238.	3.3	181
157	A Screen for Genes That Function Downstream of Ras1 During Drosophila Eye Development. Genetics, 1996, 143, 315-329.	1.2	251
158	Gene disruptions using P transposable elements: an integral component of the Drosophila genome project.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 10824-10830.	3.3	493
159	Yan functions as a general inhibitor of differentiation and is negatively regulated by activation of the Ras1/MAPK pathway. Cell, 1995, 81, 857-866.	13.5	331
160	Drosophila homologs of baculovirus inhibitor of apoptosis proteins function to block cell death. Cell, 1995, 83, 1253-1262.	13.5	735
161	KSR, a novel protein kinase required for RAS signal transduction. Cell, 1995, 83, 879-888.	13.5	380
162	phyllopod functions in the fate determination of a subset of photoreceptors in drosophila. Cell, 1995, 80, 463-472.	13.5	122

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163	cAMP-dependent protein kinase and hedgehog act antagonistically in regulating decapentaplegic transcription in drosophila imaginal discs. Cell, 1995, 80, 543-552.	13.5	250
164	The Ras signaling pathway in Drosophila. Current Opinion in Genetics and Development, 1995, 5, 44-50.	1.5	223
165	Sev. , 1995, , 204-207.		0
166	The Drosophila peanut gene is required for cytokinesis and encodes a protein similar to yeast putative bud neck filament proteins. Cell, 1994, 77, 371-379.	13.5	329
167	Mutations in Hsp83 and cdc37 impair signaling by the sevenless receptor tyrosine kinase in Drosophila. Cell, 1994, 77, 1027-1036.	13.5	300
168	The activities of two Ets-related transcription factors required for drosophila eye development are modulated by the Ras/MAPK pathway. Cell, 1994, 78, 137-147.	13.5	688
169	The Drosophila melanogaster ribosomal S6 kinase II-encoding sequence. Gene, 1994, 144, 309-310.	1.0	24
170	The C-terminus of the homeodomain is required for functional specificity of the Drosophila rough gene. Mechanisms of Development, 1994, 48, 35-49.	1.7	22
171	Mutations in the drosophila Rop gene suggest a function in general secretion and synaptic transmission. Neuron, 1994, 13, 555-566.	3.8	232
172	Star Is Required for Neuronal Differentiation in the Drosophila Retina and Displays Dosage-Sensitive Interactions with Ras1. Developmental Biology, 1993, 160, 51-63.	0.9	68
173	An SH3-SH2-SH3 protein is required for p21Ras1 activation and binds to sevenless and Sos proteins in vitro. Cell, 1993, 73, 169-177.	13.5	492
174	The TGFÎ² homolog dpp and the segment polarity gene hedgehog are required for propagation of a morphogenetic wave in the Drosophila retina. Cell, 1993, 75, 913-926.	13.5	417
175	Identification of <i>ras</i> Targets using a Genetic Approach. Novartis Foundation Symposium, 1993, 176, 85-95.	1.2	6
176	The presumptive R7 cell of the developing Drosophila eye receives positional information independent of sevenless, boss and sina. Mechanisms of Development, 1992, 37, 37-42.	1.7	28
177	A putative Ras GTPase activating protein acts as a negative regulator of signaling by the Sevenless receptor tyrosine kinase. Cell, 1992, 68, 1007-1019.	13.5	311
178	Negative control of photoreceptor development in Drosophila by the product of the yan gene, an ETS domain protein. Cell, 1992, 70, 609-620.	13.5	263
179	Making a difference: The role of cell-cell interactions in establishing separate identities for equivalent cells. Cell, 1992, 68, 271-281.	13.5	454
180	The argos gene encodes a diffusible factor that regulates cell fate decisions in the drosophila eye. Cell, 1992, 69, 963-975.	13.5	244

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181	Mutations on the Second Chromosome Affecting the<i>Drosophila</i>Eye. Journal of Neurogenetics, 1992, 8, 85-100.	0.6	24
182	Ellipse mutations in the Drosophila homologue of the EGF receptor affect pattern formation, cell division, and cell death in eye imaginal discs. Developmental Biology, 1992, 150, 381-396.	0.9	131
183	Signalling by the sevenless protein tyrosine kinase is mimicked by Rasl activation. Nature, 1992, 355, 559-561.	13.7	330
184	The embryonic expression patterns of zfh-1 and zfh-2, two Drosophila genes encoding novel zinc-finger homeodomain proteins. Mechanisms of Development, 1991, 34, 123-134.	1.7	179
185	The Drosophila zfh-1 and zfh-2 genes encode novel proteins containing both zinc-finger and homeodomain motifs. Mechanisms of Development, 1991, 34, 113-122.	1.7	156
186	Star is required in a subset of photoreceptor cells in the developing Drosophila retina and displays dosage sensitive interactions with rough. Developmental Biology, 1991, 144, 353-361.	0.9	51
187	Ras1 and a putative guanine nucleotide exchange factor perform crucial steps in signaling by the sevenless protein tyrosine kinase. Cell, 1991, 67, 701-716.	13.5	890
188	The Drosophila Roughened mutation: Activation of a rap homolog disrupts eye development and interferes with cell determination. Cell, 1991, 67, 717-722.	13.5	132
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