Gerald M Rubin

List of Publications by Year
in descending order

234 papers	101,100 citations	620 123 h-index	1080 232 g-index
321 all docs	321 docs citations	321 times ranked	93724 citing authors

#	Article	IF	Citations
1	Connectomic reconstruction predicts visual features used for navigation. Nature, 2024, 634, 181-190.	36.2	0
2	Toward a navigation framework for fetoscopy. International Journal of Computer Assisted Radiology and Surgery, 2023, 18, 2349-2356.	2.9	1
3	A functionally ordered visual feature map in the Drosophila brain. Neuron, 2022, 110, 1700-1711.e6.	8.0	56
4	Metaâ€analysis of changes in the levels of catecholamines and blood pressure with continuous positive airway pressure therapy in obstructive sleep apnea. Journal of Clinical Hypertension, 2021, 23, 12-20.	2.2	12
5	Performance and Stability of Pearl Millet Varieties for Grain Yield and Micronutrients in Arid and Semi-Arid Regions of India. Frontiers in Plant Science, 2021, 12, 670201.	3.8	23
6	Information flow, cell types and stereotypy in a full olfactory connectome. ELife, 2021, 10, .	5.9	112
7	A connectome of the Drosophila central complex reveals network motifs suitable for flexible navigation and context-dependent action selection. ELife, 2021, 10, .	5.9	200
8	Synaptic targets of photoreceptors specialized to detect color and skylight polarization in Drosophila. ELife, 2021, 10, .	5.9	41
9	Input Connectivity Reveals Additional Heterogeneity of Dopaminergic Reinforcement in Drosophila. Current Biology, 2020, 30, 3200-3211.e8.	4.0	66
10	Complete Connectomic Reconstruction of Olfactory Projection Neurons in the Fly Brain. Current Biology, 2020, 30, 3183-3199.e6.	4.0	146
11	The Neuroanatomical Ultrastructure and Function of a Biological Ring Attractor. Neuron, 2020, 108, 145-163.e10.	8.0	103
12	The Mind of a Mouse. Cell, 2020, 182, 1372-1376.	27.8	142
13	Toward nanoscale localization of memory engrams inDrosophila. Journal of Neurogenetics, 2020, 34, 151-155.	1.4	13
14	Inflammation, reward circuitry and symptoms of anhedonia and PTSD in trauma-exposed women. Social Cognitive and Affective Neuroscience, 2020, 15, 1046-1055.	3.3	45
15	A genetic, genomic, and computational resource for exploring neural circuit function. ELife, 2020, 9, .	5.9	190
16	A connectome and analysis of the adult Drosophila central brain. ELife, 2020, 9, .	5.9	712
17	Spatial readout of visual looming in the central brain of Drosophila. ELife, 2020, 9, .	5.9	43
18	Cell types and neuronal circuitry underlying female aggression in Drosophila. ELife, 2020, 9, .	5.9	74

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19	The connectome of the adult Drosophila mushroom body provides insights into function. ELife, 2020, 9, .	5.9	284
20	Cortical column and whole-brain imaging with molecular contrast and nanoscale resolution. Science, 2019, 363, .	20.9	300
21	Neurogenetic dissection of the Drosophila lateral horn reveals major outputs, diverse behavioural functions, and interactions with the mushroom body. ELife, 2019, 8, .	5.9	140
22	Looking back and looking forward at Janelia. ELife, 2019, 8, .	5.9	4
23	Nitric oxide acts as a cotransmitter in a subset of dopaminergic neurons to diversify memory dynamics. ELife, 2019, 8, .	5.9	108
24	Genetic Reagents for Making Split-GAL4 Lines in Drosophila. Genetics, 2018, 209, 31-35.	2.9	180
25	Neuroarchitecture of the Drosophila 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.	2.0	134
26	Communication from Learned to Innate Olfactory Processing Centers Is Required for Memory Retrieval in Drosophila. Neuron, 2018, 100, 651-668.e8.	8.0	89
27	The glia of the adult <scp>D</scp>rosophila nervous system. Glia, 2017, 65, 606-638.	5.3	240
28	Moonwalker Descending Neurons Mediate Visually Evoked Retreat in Drosophila. Current Biology, 2017, 27, 766-771.	4.0	68
29	Representations of Novelty and Familiarity in a Mushroom Body Compartment. Cell, 2017, 169, 956-969.e17.	27.8	122
30	The Emergence of Directional Selectivity in the Visual Motion Pathway of Drosophila. Neuron, 2017, 94, 168-182.e10.	8.0	153
31	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.	8.0	82
32	Mapping the Neural Substrates of Behavior. Cell, 2017, 170, 393-406.e28.	27.8	203
33	Ultra-selective looming detection from radial motion opponency. Nature, 2017, 551, 237-241.	36.2	137
34	The comprehensive connectome of a neural substrate for â€˜ONâ€™ motion detection in Drosophila. ELife, 2017, 6, .	5.9	173
35	TO007COMPLEMENT MODULATION OF PERICYTE-TO-MYOFIBROBLAST TRANS-DIFFERENTIATION (PMT) AND MICROVASCULAR RAREFACTION IN RENAL ISCHEMIA/REPERFUSION (I/R). Nephrology Dialysis Transplantation, 2016, 31, i63-i63.	0.8	0
36	Direct neural pathways convey distinct visual information to Drosophila mushroom bodies. ELife, 2016, 5, .	5.9	134

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37	Dopaminergic neurons write and update memories with cell-type-specific rules. ELife, 2016, 5, .	5.9	262
38	FlyBook: A Preface. Genetics, 2015, 201, 343-343.	2.9	1
39	Control of Sleep by Dopaminergic Inputs to the Drosophila Mushroom Body. Frontiers in Neural Circuits, 2015, 9, 73.	3.0	82
40	P1 interneurons promote a persistent internal state that enhances inter-male aggression in Drosophila. ELife, 2015, 4, .	5.9	181
41	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.	7.6	227
42	A Dopamine-Modulated Neural Circuit Regulating Aversive Taste Memory in Drosophila. Current Biology, 2015, 25, 1535-1541.	4.0	89
43	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.	7.6	516
44	Heterosynaptic Plasticity Underlies Aversive Olfactory Learning in Drosophila. Neuron, 2015, 88, 985-998.	8.0	318
45	The Release 6 reference sequence of the Drosophila melanogaster genome. Genome Research, 2015, 25, 445-458.	5.6	403
46	Neural Circuit to Integrate Opposing Motions in the Visual Field. Cell, 2015, 162, 351-362.	27.8	118
47	High-performance probes for light and electron microscopy. Nature Methods, 2015, 12, 568-576.	19.6	244
48	Neuroarchitecture and neuroanatomy of the Drosophila central complex: A GAL4â€based dissection of protocerebral bridge neurons and circuits. Journal of Comparative Neurology, 2015, 523, 997-1037.	2.0	282
49	Perspectives on numeracy: reflections from international assessments. ZDM - International Journal on Mathematics Education, 2015, 47, 691-706.	2.2	20
50	Plasticity-driven individualization of olfactory coding in mushroom body output neurons. Nature, 2015, 526, 258-262.	36.2	146
51	Propagation of Homeostatic Sleep Signals by Segregated Synaptic Microcircuits of the Drosophila Mushroom Body. Current Biology, 2015, 25, 2915-2927.	4.0	140
52	A Higher Brain Circuit for Immediate Integration of Conflicting Sensory Information in Drosophila. Current Biology, 2015, 25, 2203-2214.	4.0	146
53	Reward signal in a recurrent circuit drives appetitive long-term memory formation. ELife, 2015, 4, e10719.	5.9	144
54	Wide-Field Feedback Neurons Dynamically Tune Early Visual Processing. Neuron, 2014, 82, 887-895.	8.0	59

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55	Shared mushroom body circuits underlie visual and olfactory memories in Drosophila. ELife, 2014, 3, e02395.	5.9	173
56	A visual motion detection circuit suggested by Drosophila connectomics. Nature, 2013, 500, 175-181.	36.2	648
57	A directional tuning map of Drosophila elementary motion detectors. Nature, 2013, 500, 212-216.	36.2	336
58	Contributions of the 12 Neuron Classes in the Fly Lamina to Motion Vision. Neuron, 2013, 79, 128-140.	8.0	206
59	The effort to make mosaic analysis a household tool. Development (Cambridge), 2012, 139, 4501-4503.	2.6	27
60	Using translational enhancers to increase transgene expression in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6626-6631.	7.6	382
61	A Resource for Manipulating Gene Expression and Analyzing cis-Regulatory Modules in the Drosophila CNS. Cell Reports, 2012, 2, 1002-1013.	6.3	117
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.	6.3	119
63	A GAL4-Driver Line Resource for Drosophila Neurobiology. Cell Reports, 2012, 2, 991-1001.	6.3	1,361
64	A subset of dopamine neurons signals reward for odour memory in Drosophila. Nature, 2012, 488, 512-516.	36.2	564
65	Mushroom body efferent neurons responsible for aversive olfactory memory retrieval in Drosophila. Nature Neuroscience, 2011, 14, 903-910.	14.5	255
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.	7.6	156
67	Refinement of Tools for Targeted Gene Expression in Drosophila. Genetics, 2010, 186, 735-755.	2.9	1,065
68	Quick Preparation of Genomic DNA from Drosophila. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5198.	0.3	34
69	Recovery of DNA Sequences Flanking P-Element Insertions in Drosophila: Inverse PCR and Plasmid Rescue. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5199.	0.3	28
70	Tools for neuroanatomy and neurogenetics in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9715-9720.	7.6	947
71	Biological Annotation of the Drosophila Genome Sequence. Novartis Foundation Symposium, 2008, , 79-83.	0.0	9
72	Global analysis of patterns of gene expression during Drosophila embryogenesis. Genome Biology, 2007, 8, R145.	7.3	398

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73	Global analyses of mRNA translational control during early Drosophila embryogenesis. Genome Biology, 2007, 8, R63.	7.3	74
74	Comparative Analysis of Spatial Patterns of Gene Expression in DrosophilaÂmelanogaster Imaginal Discs. Lecture Notes in Computer Science, 2007, , 533-547.	1.0	9
75	Janelia Farm: An Experiment in Scientific Culture. Cell, 2006, 125, 209-212.	27.8	19
76	Large-Scale Trends in the Evolution of Gene Structures within 11 Animal Genomes. PLoS Computational Biology, 2006, 2, e15.	3.1	70
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.	5.9	261
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.	2.6	145
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.	7.6	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.	7.6	32
81	Cathepsin D-deficient Drosophila recapitulate the key features of neuronal ceroid lipofuscinoses. Neurobiology of Disease, 2005, 19, 194-199.	4.5	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.	7.6	256
83	Complementary miRNA pairs suggest a regulatory role for miRNA:miRNA duplexes. Rna, 2004, 10, 171-175.	3.6	83
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.	2.5	288
85	Nurturing interdisciplinary research. Nature Structural and Molecular Biology, 2004, 11, 1166-1169.	8.1	45
86	The BDGP Gene Disruption Project. Genetics, 2004, 167, 761-781.	2.9	782
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.	7.3	184
88	THEDROSOPHILAMELANOGASTERGENOME. Annual Review of Genomics and Human Genetics, 2003, 4, 89-117.	6.3	117
89	Y chromosome and other heterochromatic sequences of the Drosophila melanogaster genome: how far can we go?. Genetica, 2003, 117, 227-237.	1.2	44
90	Quantitative Analysis of Bristle Number in Drosophila Mutants Identifies Genes Involved in Neural Development. Current Biology, 2003, 13, 1388-1396.	4.0	115

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91	Drosophila Matrix Metalloproteinases Are Required for Tissue Remodeling, but Not Embryonic Development. Developmental Cell, 2003, 4, 95-106.	7.0	229
92	Computational identification of Drosophila microRNA genes. Genome Biology, 2003, 4, R42.	7.3	629
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.	7.6	42
94	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.	7.6	166
95	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.	7.6	545
96	The Drosophila Gene Collection: Identification of Putative Full-Length cDNAs for 70% of D. melanogaster Genes. Genome Research, 2002, 12, 1294-1300.	5.6	181
97	Biological and computational annotation of the Drosophila Genome Sequence. , 2002, , .		0
98	Targeted mutagenesis by homologous recombination in D. melanogaster. Genes and Development, 2002, 16, 1568-1581.	5.9	300
99	An expectation maximization algorithm for training hidden substitution models 1 1Edited by F. Cohen. Journal of Molecular Biology, 2002, 317, 753-764.	4.3	69
100	The transposable elements of the Drosophila melanogaster euchromatin: a genomics perspective. Genome Biology, 2002, 3, RESEARCH0084.	9.2	483
101	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.	7.6	1,628
102	Finishing a whole-genome shotgun: release 3 of the Drosophila melanogaster euchromatic genome sequence. Genome Biology, 2002, 3, research0079.1.	7.3	321
103	Annotation of the Drosophila melanogaster euchromatic genome: a systematic review. Genome Biology, 2002, 3, research0083.1.	7.3	310
104	Heterochromatic sequences in a Drosophila whole-genome shotgun assembly. Genome Biology, 2002, 3, research0085.1.	7.3	239
105	Computational analysis of core promoters in the Drosophila genome. Genome Biology, 2002, 3, research0087.1.	7.3	382
106	A Drosophila full-length cDNA resource. Genome Biology, 2002, 3, research0080.1.	7.3	168
107	Assessing the impact of comparative genomic sequence data on the functional annotation of the Drosophila genome. Genome Biology, 2002, 3, research0086.1.	7.3	122
108	Systematic determination of patterns of gene expression during Drosophila embryogenesis. Genome Biology, 2002, 3, research0088.1.	7.3	619

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110	The Toll and Imd pathways are the major regulators of the immune response in Drosophila. EMBO Journal, 2002, 21, 2568-2579.	8.2	774
111	The Ca2+-Calmodulin-Activated Protein Phosphatase Calcineurin Negatively Regulates Egf Receptor Signaling in Drosophila Development. Genetics, 2002, 161, 183-193.	2.9	31
112	neuralized Functions Cell-Autonomously to Regulate a Subset of Notch-Dependent Processes during Adult Drosophila Development. Developmental Biology, 2001, 231, 217-233.	2.1	85
113	Drosophila Neuralized Is a Ubiquitin Ligase that Promotes the Internalization and Degradation of Delta. Developmental Cell, 2001, 1, 783-794.	7.0	307
114	Drosophila Fragile X-Related Gene Regulates the MAP1B Homolog Futsch to Control Synaptic Structure and Function. Cell, 2001, 107, 591-603.	27.8	611
115	Comparing species. Nature, 2001, 409, 820-821.	36.2	79
116	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.	7.6	662
117	Gene Ontology: tool for the unification of biology. Nature Genetics, 2000, 25, 25-29.	20.4	35,841
118	The Genome Sequence of Drosophila melanogaster. Science, 2000, 287, 2185-2195.	20.9	5,617
119	Comparative Genomics of the Eukaryotes. Science, 2000, 287, 2204-2215.	20.9	1,583
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121	A Whole-Genome Assembly of Drosophila. Science, 2000, 287, 2196-2204.	20.9	1,464
122	A Brief History of Drosophila's Contributions to Genome Research. Science, 2000, 287, 2216-2218.	20.9	220
123	A Drosophila Complementary DNA Resource. Science, 2000, 287, 2222-2224.	20.9	337
124	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, 3347-3351.	7.6	137
125	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.	2.9	136
126	A Misexpression Screen Identifies Genes That Can Modulate RAS1 Pathway Signaling in Drosophila melanogaster. Genetics, 2000, 156, 1219-1230.	2.9	102

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127	A Genetic Screen for Modifiers of a Kinase Suppressor of Ras-Dependent Rough Eye Phenotype in Drosophila. Genetics, 2000, 156, 1231-1242.	2.9	82
128	mus304 encodes a novel DNA damage checkpoint protein required during Drosophila development. Genes and Development, 2000, 14, 666-678.	5.9	111
129	Drosophila and human RecQ5 exist in different isoforms generated by alternative splicing. Nucleic Acids Research, 1999, 27, 3762-3769.	14.0	61
130	Synaptic function modulated by changes in the ratio of synaptotagmin I and IV. Nature, 1999, 400, 757-760.	36.2	150
131	PTP-ER, a Novel Tyrosine Phosphatase, Functions Downstream of Ras1 to Downregulate MAP Kinase during Drosophila Eye Development. Molecular Cell, 1999, 3, 741-750.	9.6	71
132	gigas, a Drosophila Homolog of Tuberous Sclerosis Gene Product-2, Regulates the Cell Cycle. Cell, 1999, 96, 529-539.	27.8	254
133	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.	2.5	195
134	The Berkeley Drosophila Genome Project Gene Disruption Project: Single P-Element Insertions Mutating 25% of Vital Drosophila Genes. Genetics, 1999, 153, 135-177.	2.9	734
135	The Drosophila genome project: a progress report. Trends in Genetics, 1998, 14, 340-343.	6.9	26
136	CNK, a RAF-Binding Multidomain Protein Required for RAS Signaling. Cell, 1998, 95, 343-353.	27.8	166
137	BioViews: Java-Based Tools for Genomic Dataâ€‰Visualization. Genome Research, 1998, 8, 291-305.	5.6	28
138	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.	7.6	108
139	A Computer Program for Aligning a cDNA Sequence with a Genomic DNA Sequence. Genome Research, 1998, 8, 967-974.	5.6	683
140	The development of the Drosophila visual system. , 1998, , 474-508.		9
141	A Genetic Screen to Identify Components of the sina Signaling Pathway in Drosophila Eye Development. Genetics, 1998, 148, 277-286.	2.9	90
142	A Genetic Screen to Identify Components of the sina Signaling Pathway in Drosophila Eye Development. Genetics, 1998, 148, 277-286.	2.9	74
143	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.	7.6	101
144	Kuzbanian Controls Proteolytic Processing of Notch and Mediates Lateral Inhibition during Drosophila and Vertebrate Neurogenesis. Cell, 1997, 90, 271-280.	27.8	494

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146	misshapen encodes a protein kinase involved in cell shape control in Drosophila. Gene, 1997, 186, 119-125.	2.3	49
147	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.	7.6	165
148	Targets of glass regulation in the Drosophila eye disc. Mechanisms of Development, 1996, 56, 17-24.	1.7	20
149	Pk92b: a drosophila melanogaster protein kinase that belongs to the mekk family. Gene, 1996, 169, 283-284.	2.3	10
150	The Role of the Genome Project in Determining Gene Function: Insights from Model Organisms. Cell, 1996, 86, 521-529.	27.8	453
151	A Drosophila gene regulated by rough and glass shows similarity to ena and VASP. Gene, 1996, 183, 103-108.	2.3	17
152	A Screen for Genes That Function Downstream of Ras1 During Drosophila Eye Development. Genetics, 1996, 143, 315-329.	2.9	254
153	Yan functions as a general inhibitor of differentiation and is negatively regulated by activation of the Ras1/MAPK pathway. Cell, 1995, 81, 857-866.	27.8	333
154	Drosophila homologs of baculovirus inhibitor of apoptosis proteins function to block cell death. Cell, 1995, 83, 1253-1262.	27.8	736
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156	phyllopod functions in the fate determination of a subset of photoreceptors in drosophila. Cell, 1995, 80, 463-472.	27.8	122
157	cAMP-dependent protein kinase and hedgehog act antagonistically in regulating decapentaplegic transcription in drosophila imaginal discs. Cell, 1995, 80, 543-552.	27.8	251
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159	Sev. , 1995, , 204-207.		0
160	Mutations in Hsp83 and cdc37 impair signaling by the sevenless receptor tyrosine kinase in Drosophila. Cell, 1994, 77, 1027-1036.	27.8	301
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164	Mutations in the drosophila Rop gene suggest a function in general secretion and synaptic transmission. Neuron, 1994, 13, 555-566.	8.0	237
165	Star Is Required for Neuronal Differentiation in the Drosophila Retina and Displays Dosage-Sensitive Interactions with Ras1. Developmental Biology, 1993, 160, 51-63.	2.1	68
166	The TGFÎ²2 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.	27.8	420
167	Identification of ras Targets using a Genetic Approach. Novartis Foundation Symposium, 1993, 176, 85-95.	0.0	6
168	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	30
169	A putative Ras GTPase activating protein acts as a negative regulator of signaling by the Sevenless receptor tyrosine kinase. Cell, 1992, 68, 1007-1019.	27.8	312
170	Making a difference: The role of cell-cell interactions in establishing separate identities for equivalent cells. Cell, 1992, 68, 271-281.	27.8	456
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172	Mutations on the Second Chromosome Affecting theDrosophilaEye. Journal of Neurogenetics, 1992, 8, 85-100.	1.4	28
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174	Signalling by the sevenless protein tyrosine kinase is mimicked by Rasl activation. Nature, 1992, 355, 559-561.	36.2	332
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176	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
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178	Ras1 and a putative guanine nucleotide exchange factor perform crucial steps in signaling by the sevenless protein tyrosine kinase. Cell, 1991, 67, 701-716.	27.8	892
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180	The optic lobe projection pattern of polarization-sensitive photoreceptor cells in Drosophila melanogaster. Cell and Tissue Research, 1991, 265, 185-191.	3.0	57

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188	Molecular characterization of the drosophila trp locus: A putative integral membrane protein required for phototransduction. Neuron, 1989, 2, 1313-1323.	8.0	1,010
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