Norbert Perrimon

List of Publications by Year
in descending order

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474	59,093	699 121	1668 214
papers	citations	h-index	g-index

540	540	540	49178
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The developmental transcriptome of Drosophila melanogaster. Nature, 2011, 471, 473-479.	13.7	1,379
2	Highly efficient Cas9-mediated transcriptional programming. Nature Methods, 2015, 12, 326-328.	9.0	1,245
3	Identification of Functional Elements and Regulatory Circuits by Drosophila modENCODE. Science, 2010, 330, 1787-1797.	6.0	1,124
4	Efficient proximity labeling in living cells and organisms with TurboID. Nature Biotechnology, 2018, 36, 880-887.	9.4	1,103
5	Evidence that stem cells reside in the adult Drosophila midgut epithelium. Nature, 2006, 439, 475-479.	13.7	991
6	The Promise and Perils of Wnt Signaling Through beta -Catenin. Science, 2002, 296, 1644-1646.	6.0	937
7	Droplet microfluidic technology for single-cell high-throughput screening. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14195-14200.	3.3	924
8	Cooperative Regulation of Cell Polarity and Growth by Drosophila Tumor Suppressors. Science, 2000, 289, 113-116.	6.0	867
9	A genome-scale shRNA resource for transgenic RNAi in Drosophila. Nature Methods, 2011, 8, 405-407.	9.0	733
10	FlyBase 2.0: the next generation. Nucleic Acids Research, 2019, 47, D759-D765.	6.5	697
11	Specificities of heparan sulphate proteoglycans in developmental processes. Nature, 2000, 404, 725-728.	13.7	695
12	Genome-Wide RNAi Analysis of Growth and Viability in Drosophila Cells. Science, 2004, 303, 832-835.	6.0	675
13	Diversity and dynamics of the Drosophila transcriptome. Nature, 2014, 512, 393-399.	13.7	647
14	An endogenous small interfering RNA pathway in Drosophila. Nature, 2008, 453, 798-802.	13.7	633
15	Multispectral opto-acoustic tomography of deep-seated fluorescent proteins in vivo. Nature Photonics, 2009, 3, 412-417.	15.6	632
16	The Autosomal FLP-DFS Technique for Generating Germline Mosaics in Drosophila melanogaster. Genetics, 1996, 144, 1673-1679.	1.2	632
17	Localization of apical epithelial determinants by the basolateral PDZ protein Scribble. Nature, 2000, 403, 676-680.	13.7	629
18	An integrative approach to ortholog prediction for disease-focused and other functional studies. BMC Bioinformatics, 2011, 12, 357.	1.2	629

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19	Heparan sulphate proteoglycans: the sweet side of development. Nature Reviews Molecular Cell Biology, 2005, 6, 530-541.	16.1	608
20	FOXO/4E-BP Signaling in Drosophila Muscles Regulates Organism-wide Proteostasis during Aging. Cell, 2010, 143, 813-825.	13.5	563
21	The Transgenic RNAi Project at Harvard Medical School: Resources and Validation. Genetics, 2015, 201, 843-852.	1.2	502
22	Exploiting position effects and the gypsy retrovirus insulator to engineer precisely expressed transgenes. Nature Genetics, 2008, 40, 476-483.	9.4	486
23	Tout-velu is a Drosophila homologue of the putative tumour suppressor EXT-1 and is needed for Hh diffusion. Nature, 1998, 394, 85-88.	13.7	483
24	Dally cooperates with Drosophila Frizzled 2 to transduce Wingless signalling. Nature, 1999, 400, 281-284.	13.7	459
25	Sequential Activation of Signaling Pathways during Innate Immune Responses in Drosophila. Developmental Cell, 2002, 3, 711-722.	3.1	441
26	Comparison of Cas9 activators in multiple species. Nature Methods, 2016, 13, 563-567.	9.0	438
27	Minimizing the risk of reporting false positives in large-scale RNAi screens. Nature Methods, 2006, 3, 777-779.	9.0	417
28	Drosophila Cytokine Unpaired 2 Regulates Physiological Homeostasis by Remotely Controlling Insulin Secretion. Cell, 2012, 151, 123-137.	13.5	411
29	Signaling Role of Hemocytes in Drosophila JAK/STAT-Dependent Response to Septic Injury. Developmental Cell, 2003, 5, 441-450.	3.1	403
30	wingless signaling acts through zeste-white 3, the drosophila homolog of glycogen synthase kinase-3, to regulate engrailed and establish cell fate. Cell, 1992, 71, 1167-1179.	13.5	402
31	corkscrew encodes a putative protein tyrosine phosphatase that functions to transduce the terminal signal from the receptor tyrosine kinase torso. Cell, 1992, 70, 225-236.	13.5	400
32	Integrated activity of PDZ protein complexes regulates epithelial polarity. Nature Cell Biology, 2003, 5, 53-58.	4.6	396
33	The emergence of geometric order in proliferating metazoan epithelia. Nature, 2006, 442, 1038-1041.	13.7	380
34	FlyBase: updates to theDrosophila melanogasterknowledge base. Nucleic Acids Research, 2021, 49, D899-D907.	6.5	374
35	marelle Acts Downstream of the Drosophila HOP/JAK Kinase and Encodes a Protein Similar to the Mammalian STATs. Cell, 1996, 84, 411-419.	13.5	366
36	Optimized gene editing technology for Drosophila melanogaster using germ line-specific Cas9. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19012-19017.	3.3	365

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37	Hedgehog Movement Is Regulated through tout veluâ€“Dependent Synthesis of a Heparan Sulfate Proteoglycan. Molecular Cell, 1999, 4, 633-639.	4.5	351
38	dishevelled and armadillo act in the Wingless signalling pathway in Drosophila. Nature, 1994, 367, 80-83.	13.7	350
39	High-throughput RNAi screening in cultured cells: a user's guide. Nature Reviews Genetics, 2006, 7, 373-384.	7.7	348
40	Drosophila RNAi Screen Reveals CD36 Family Member Required for Mycobacterial Infection. Science, 2005, 309, 1251-1253.	6.0	347
41	Functional genomics reveals genes involved in protein secretion and Golgi organization. Nature, 2006, 439, 604-607.	13.7	337
42	GFP reporters detect the activation of the Drosophila JAK/STAT pathway in vivo. Gene Expression Patterns, 2007, 7, 323-331.	0.3	330
43	Functional Genomic Analysis of the Wnt-Wingless Signaling Pathway. Science, 2005, 308, 826-833.	6.0	325
44	Signaling Mechanisms Controlling Cell Fate and Embryonic Patterning. Cold Spring Harbor Perspectives in Biology, 2012, 4, a005975-a005975.	2.3	319
45	Muscle Mitohormesis Promotes Longevity via Systemic Repression of Insulin Signaling. Cell, 2013, 155, 699-712.	13.5	318
46	Components of wingless signalling in Drosophila. Nature, 1994, 367, 76-80.	13.7	314
47	Chapter 33 Ectopic Expression in Drosophila. Methods in Cell Biology, 1994, 44, 635-654.	0.5	302
48	The roles of JAK/STAT signaling in Drosophila immune responses. Immunological Reviews, 2004, 198, 72-82.	2.8	299
49	A Drosophila Resource of Transgenic RNAi Lines for Neurogenetics. Genetics, 2009, 182, 1089-1100.	1.2	295
50	Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly. Science, 2022, 375, eabk2432.	6.0	295
51	Seipin is required for converting nascent to mature lipid droplets. ELife, 2016, 5, .	2.8	292
52	Parallel Chemical Genetic and Genome-Wide RNAi Screens Identify Cytokinesis Inhibitors and Targets. PLoS Biology, 2004, 2, e379.	2.6	289
53	Comparative analysis of the transcriptome across distant species. Nature, 2014, 512, 445-448.	13.7	289
54	RNAi screening comes of age: improved techniques and complementary approaches. Nature Reviews Molecular Cell Biology, 2014, 15, 591-600.	16.1	289

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55	Mechanical Allostery: Evidence for a Force Requirement in the Proteolytic Activation of Notch. Developmental Cell, 2015, 33, 729-736.	3.1	288
56	Quantitative Morphological Signatures Define Local Signaling Networks Regulating Cell Morphology. Science, 2007, 316, 1753-1756.	6.0	286
57	Genome-Wide RNAi Screen for Host Factors Required for Intracellular Bacterial Infection. Science, 2005, 309, 1248-1251.	6.0	282
58	The Hippo tumor suppressor pathway regulates intestinal stem cell regeneration. Development (Cambridge), 2010, 137, 4135-4145.	1.2	282
59	Vector and parameters for targeted transgenic RNA interference in Drosophila melanogaster. Nature Methods, 2008, 5, 49-51.	9.0	271
60	The orthodenticle gene is regulated by bicoid and torso and specifies Drosophila head development. Nature, 1990, 346, 485-488.	13.7	266
61	Genomic Screening with RNAi: Results and Challenges. Annual Review of Biochemistry, 2010, 79, 37-64.	5.0	260
62	Mechanical regulation of stem-cell differentiation by the stretch-activated Piezo channel. Nature, 2018, 555, 103-106.	13.7	258
63	Safeguarding gene drive experiments in the laboratory. Science, 2015, 349, 927-929.	6.0	254
64	Controllability analysis of the directed human protein interaction network identifies disease genes and drug targets. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4976-4981.	3.3	249
65	Evidence of off-target effects associated with long dsRNAs in Drosophila melanogaster cell-based assays. Nature Methods, 2006, 3, 833-838.	9.0	244
66	Hierarchical Rules for Argonaute Loading in Drosophila. Molecular Cell, 2009, 36, 445-456.	4.5	242
67	The transcriptional diversity of 25 Drosophila cell lines. Genome Research, 2011, 21, 301-314.	2.4	235
68	The PDGF/VEGF Receptor Controls Blood Cell Survival in Drosophila. Developmental Cell, 2004, 7, 73-84.	3.1	234
69	The JAK/STAT Pathway in Model Organisms. Developmental Cell, 2002, 3, 765-778.	3.1	219
70	Drosophila Stardust interacts with Crumbs to control polarity of epithelia but not neuroblasts. Nature, 2001, 414, 634-638.	13.7	217
71	Molecular Mechanisms of Epithelial Morphogenesis. Annual Review of Cell and Developmental Biology, 2002, 18, 463-493.	4.0	215
72	Systemic Organ Wasting Induced by Localized Expression of the Secreted Insulin/IGF Antagonist ImpL2. Developmental Cell, 2015, 33, 36-46.	3.1	209

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73	A functional RNAi screen for regulators of receptor tyrosine kinase and ERK signalling. Nature, 2006, 444, 230-234.	13.7	207
74	Deep annotation of Drosophila melanogaster microRNAs yields insights into their processing, modification, and emergence. Genome Research, 2011, 21, 203-215.	2.4	207
75	A gene-specific T2A-GAL4 library for Drosophila. ELife, 2018, 7, .	2.8	203
76	Mechanisms of skeletal muscle aging: insights from Drosophila and mammalian models. DMM Disease Models and Mechanisms, 2013, 6, 1339-52.	1.2	201
77	Genome-wide RNAi analysis of JAK/STAT signaling components in Drosophila. Genes and Development, 2005, 19, 1861-1870.	2.7	200
78	Synergy between bacterial infection and genetic predisposition in intestinal dysplasia. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20883-20888.	3.3	200
79	Multiple functions of segment polarity genes in Drosophila. Developmental Biology, 1987, 119, 587-600.	0.9	199
80	The Transmembrane Molecule Kekkon 1 Acts in a Feedback Loop to Negatively Regulate the Activity of the Drosophila EGF Receptor during Oogenesis. Cell, 1999, 96, 847-856.	13.5	199
81	Genome-wide RNAi screen reveals a specific sensitivity of IRES-containing RNA viruses to host translation inhibition. Genes and Development, 2005, 19, 445-452.	2.7	193
82	Control of Proinflammatory Gene Programs by Regulated Trimethylation and Demethylation of Histone H4K20. Molecular Cell, 2012, 48, 28-38.	4.5	193
83	Requirement of the Drosophila raf homologue for torso function. Nature, 1989, 342, 288-291.	13.7	192
84	X-LINKED FEMALE-STERILE LOCI IN DROSOPHILA MELANOGASTER. Genetics, 1986, 113, 695-712.	1.2	192
85	Activation of posterior gap gene expression in the Drosophila blastoderm. Nature, 1995, 376, 253-256.	13.7	184
86	The nuclear hormone receptor Ftz-F1 is a cofactor for the Drosophila homeodomain protein Ftz. Nature, 1997, 385, 552-555.	13.7	184
87	Extrusion and Death of DPP/BMP-Compromised Epithelial Cells in the Developing Drosophila Wing. Science, 2005, 307, 1785-1789.	6.0	182
88	MARRVEL: Integration of Human and Model Organism Genetic Resources to Facilitate Functional Annotation of the Human Genome. American Journal of Human Genetics, 2017, 100, 843-853.	2.6	181
89	The genetic basis of patterned baldness in Drosophila. Cell, 1994, 76, 781-784.	13.5	180
90	The influence of skeletal muscle on systemic aging and lifespan. Aging Cell, 2013, 12, 943-949.	3.0	179

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91	A genome-wide RNA interference screen in Drosophila melanogaster cells for new components of the Hh signaling pathway. Nature Genetics, 2005, 37, 1323-1332.	9.4	178
92	Frizzled signaling and the developmental control of cell polarity. Trends in Genetics, 1998, 14, 452-458.	2.9	176
93	Notch modulates Wnt signalling by associating with Armadillo/Î²-catenin and regulating its transcriptional activity. Development (Cambridge), 2005, 132, 1819-1830.	1.2	176
94	A cell atlas of the adult Drosophila midgut. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1514-1523.	3.3	175
95	Temperature-sensitive control of protein activity by conditionally splicing inteins. Nature Biotechnology, 2004, 22, 871-876.	9.4	173
96	Control of the Mitotic Cleavage Plane by Local Epithelial Topology. Cell, 2011, 144, 427-438.	13.5	173
97	In vivo RNAi: Today and Tomorrow. Cold Spring Harbor Perspectives in Biology, 2010, 2, a003640-a003640.	2.3	172
98	Putative protein kinase product of the Drosophila segment-polarity gene zeste-white3. Nature, 1990, 345, 825-829.	13.7	169
99	Zygotic Lethal Mutations With Maternal Effect Phenotypes in Drosophila melanogaster. II. Loci on the Second and Third Chromosomes Identified by P-Element-Induced Mutations. Genetics, 1996, 144, 1681-1692.	1.2	167
100	Drosophila and the genetics of the internal milieu. Nature, 2007, 450, 186-188.	13.7	166
101	Isolation and Characterization of a Mouse Homolog of the Drosophila Segment Polarity Gene dishevelled. Developmental Biology, 1994, 166, 73-86.	0.9	165
102	Control of Lipid Metabolism by Tachykinin in Drosophila. Cell Reports, 2014, 9, 40-47.	2.9	165
103	Hedgehog signal transduction: recent findings. Current Opinion in Genetics and Development, 2002, 12, 503-511.	1.5	162
104	Genetic Screening for Signal Transduction in the Era of Network Biology. Cell, 2007, 128, 225-231.	13.5	161
105	Interorgan Communication Pathways in Physiology: Focus on Drosophila. Annual Review of Genetics, 2016, 50, 539-570.	3.2	161
106	Integration of Insulin receptor/Foxo signaling and dMyc activity during muscle growth regulates body size inDrosophila. Development (Cambridge), 2009, 136, 983-993.	1.2	159
107	Loss-of-function genetic tools for animal models: cross-species and cross-platform differences. Nature Reviews Genetics, 2017, 18, 24-40.	7.7	159
108	A screen for morphological complexity identifies regulators of switch-like transitions between discreteÂcell shapes. Nature Cell Biology, 2013, 15, 860-871.	4.6	158

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109	neurotic, a novel maternal neurogenic gene, encodes an O-fucosyltransferase that is essential for Notch-Delta interactions. Development (Cambridge), 2003, 130, 4785-4795.	1.2	153
110	The Hippo Signaling Pathway Interactome. Science, 2013, 342, 737-740.	6.0	151
111	Methionine metabolism and methyltransferases in the regulation of aging and lifespan extension across species. Aging Cell, 2019, 18, e13034.	3.0	151
112	Clonal analysis of the tissue specificity of recessive female-sterile mutations of Drosophila melanogaster using a dominant female-sterile mutation Fs(1)K1237. Developmental Biology, 1983, 100, 365-373.	0.9	148
113	Intramyocellular Fatty-Acid Metabolism Plays a Critical Role in Mediating Responses to Dietary Restriction in Drosophila melanogaster. Cell Metabolism, 2012, 16, 97-103.	7.2	147
114	Functional screening in Drosophila identifies Alzheimer's disease susceptibility genes and implicates Tau-mediated mechanisms. Human Molecular Genetics, 2014, 23, 870-877.	1.4	147
115	Drosophila wingless: A paradigm for the function and mechanism of Wnt signaling. BioEssays, 1994, 16, 395-404.	1.2	146
116	Conserved microRNA targeting in Drosophila is as widespread in coding regions as in 3â€²UTRs. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15751-15756.	3.3	146
117	Simple and efficient generation of marked clones in Drosophila. Current Biology, 1993, 3, 424-433.	1.8	145
118	Alliance of Genome Resources Portal: unified model organism research platform. Nucleic Acids Research, 2020, 48, D650-D658.	6.5	145
119	Proteomic mapping in live Drosophila tissues using an engineered ascorbate peroxidase. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12093-12098.	3.3	143
120	The roles of the Drosophila JAK/STAT pathway. Oncogene, 2000, 19, 2598-2606.	2.6	138
121	Î³â€Secretase/presenilin inhibitors for Alzheimer's disease phenocopy Notch mutations inDrosophila. FASEB Journal, 2003, 17, 79-81.	0.2	138
122	A Genomewide RNA Interference Screen for Modifiers of Aggregates Formation by Mutant Huntingtin in Drosophila. Genetics, 2010, 184, 1165-1179.	1.2	138
123	Direct inhibition of oncogenic KRAS by hydrocarbon-stapled SOS1 helices. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1761-1766.	3.3	137
124	There Must Be 50 Ways to Rule the Signal: The Case of the Drosophila EGF Receptor. Cell, 1997, 89, 13-16.	13.5	136
125	Modeling metabolic homeostasis and nutrient sensing in Drosophila: implications for aging and metabolic diseases. DMM Disease Models and Mechanisms, 2014, 7, 343-350.	1.2	134
126	A single-cell survey of Drosophila blood. ELife, 2020, 9, .	2.8	134

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127	Complementary Genomic Screens Identify SERCA as a Therapeutic Target in NOTCH1 Mutated Cancer. Cancer Cell, 2013, 23, 390-405.	7.7	130
128	Integrating protein-protein interaction networks with phenotypes reveals signs of interactions. Nature Methods, 2014, 11, 94-99.	9.0	130
129	FlyPrimerBank: An Online Database for Drosophila melanogaster Gene Expression Analysis and Knockdown Evaluation of RNAi Reagents. G3: Genes, Genomes, Genetics, 2013, 3, 1607-1616.	0.8	129
130	A Regulatory Network of Drosophila Germline Stem Cell Self-Renewal. Developmental Cell, 2014, 28, 459-473.	3.1	128
131	The torso receptor tyrosine kinase can activate raf in a ras-independent pathway. Cell, 1995, 81, 63-71.	13.5	127
132	The four-jointed gene is required in the Drosophila eye for ommatidial polarity specification. Current Biology, 1999, 9, 1363-1372.	1.8	126
133	Heparan sulfate proteoglycan modulation of developmental signaling in Drosophila. Biochimica Et Biophysica Acta - General Subjects, 2002, 1573, 280-291.	1.1	126
134	In vivo imaging of Drosophila melanogaster pupae with mesoscopic fluorescence tomography. Nature Methods, 2008, 5, 45-47.	9.0	125
135	Comparative Analysis of Argonaute-Dependent Small RNA Pathways in Drosophila. Molecular Cell, 2008, 32, 592-599.	4.5	125
136	The effects of zygotic lethal mutations on female germ-line functions in Drosophila. Developmental Biology, 1984, 105, 404-414.	0.9	124
137	Negative Feedback Mechanisms and Their Roles during Pattern Formation. Cell, 1999, 97, 13-16.	13.5	124
138	Multiple Roles for four-jointed in Planar Polarity and Limb Patterning. Developmental Biology, 2000, 228, 181-196.	0.9	124
139	A Sensitized Genetic Screen to Identify Novel Regulators and Components of the Drosophila Janus Kinase/Signal Transducer and Activator of Transcription Pathway. Genetics, 2003, 165, 1149-1166.	1.2	124
140	Unusually effective microRNA targeting within repeat-rich coding regions of mammalian mRNAs. Genome Research, 2011, 21, 1395-1403.	2.4	123
141	Recruitment of Scribble to the Synaptic Scaffolding Complex Requires GUK-holder, a Novel DLG Binding Protein. Current Biology, 2002, 12, 531-539.	1.8	122
142	The Torso Pathway in Drosophila: Lessons on Receptor Tyrosine Kinase Signaling and Pattern Formation. Developmental Biology, 1994, 166, 380-395.	0.9	120
143	Spatial control of the actin cytoskeleton in Drosophila epithelial cells. Nature Cell Biology, 2001, 3, 883-890.	4.6	120
144	RNAi screening: new approaches, understandings, and organisms. Wiley Interdisciplinary Reviews RNA, 2012, 3, 145-158.	3.2	120

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145	Enteroendocrine Cells Support Intestinal Stem-Cell-Mediated Homeostasis in Drosophila. Cell Reports, 2014, 9, 32-39.	2.9	120
146	Systematic screen of chemotherapeutics in Drosophila stem cell tumors. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4530-4535.	3.3	119
147	In Vivo Transcriptional Activation Using CRISPR/Cas9 in Drosophila. Genetics, 2015, 201, 433-442.	1.2	117
148	rasp, a putative transmembrane acyltransferase, is required for Hedgehog signaling. Development (Cambridge), 2002, 129, 843-851.	1.2	116
149	The Nonreceptor Protein Tyrosine Phosphatase Corkscrew Functions in Multiple Receptor Tyrosine Kinase Pathways inDrosophila. Developmental Biology, 1996, 180, 63-81.	0.9	114
150	Dual role of the fringe connection gene in both heparan sulphate and fringe-dependent signalling events. Nature Cell Biology, 2001, 3, 809-815.	4.6	113
151	Identification of potential drug targets for tuberous sclerosis complex by synthetic screens combining CRISPR-based knockouts with RNAi. Science Signaling, 2015, 8, rs9.	1.6	113
152	Mechanisms of muscle growth and atrophy in mammals and Drosophila. Developmental Dynamics, 2014, 243, 201-215.	0.8	112
153	The torso receptor protein-tyrosine kinase signaling pathway: An endless story. Cell, 1993, 74, 219-222.	13.5	111
154	wingless refines its own expression domain on the Drosophila wing margin. Nature, 1996, 384, 72-74.	13.7	111
155	COPI Activity Coupled with Fatty Acid Biosynthesis Is Required for Viral Replication. PLoS Pathogens, 2006, 2, e102.	2.1	111
156	Stress signaling in Drosophila. Oncogene, 1999, 18, 6172-6182.	2.6	110
157	The Wingless morphogen gradient is established by the cooperative action of Frizzled and Heparan Sulfate Proteoglycan receptors. Developmental Biology, 2004, 276, 89-100.	0.9	110
158	Phosphorylation Networks Regulating JNK Activity in Diverse Genetic Backgrounds. Science, 2008, 322, 453-456.	6.0	110
159	Protein Complexâ€“Based Analysis Framework for High-Throughput Data Sets. Science Signaling, 2013, 6, rs5.	1.6	110
160	Apicobasal polarization: epithelial form and function. Current Opinion in Cell Biology, 2003, 15, 747-752.	2.6	109
161	mTORC1 Couples Nucleotide Synthesis to Nucleotide Demand Resulting in a Targetable Metabolic Vulnerability. Cancer Cell, 2017, 32, 624-638.e5.	7.7	109
162	Cellular functions of proteoglycansâ€”an overview. Seminars in Cell and Developmental Biology, 2001, 12, 65-67.	2.3	108

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163	The Circadian Clock Gates the Intestinal Stem Cell Regenerative State. Cell Reports, 2013, 3, 996-1004.	2.9	108
164	The molecular genetics of head development in Drosophila melanogaster. Development (Cambridge), 1991, 112, 899-912.	1.2	108
165	l(1)hopscotch, a larval-pupal zygotic lethal with a specific maternal effect on segmentation in Drosophila. Developmental Biology, 1986, 118, 28-41.	0.9	107
166	TheDrosophila kekkonGenes: Novel Members of both the Leucine-Rich Repeat and Immunoglobulin Superfamilies Expressed in the CNS. Developmental Biology, 1996, 178, 63-76.	0.9	107
167	The evolutionarily conservedporcupinegene family is involved in the processing of the Wnt family. FEBS Journal, 2000, 267, 4300-4311.	0.2	107
168	DEVELOPMENTAL GENETICS OF THE 2C-D REGION OF THE DROSOPHILA X CHROMOSOME. Genetics, 1985, 111, 23-41.	1.2	107
169	Entry is a rate-limiting step for viral infection in a Drosophila melanogaster model of pathogenesis. Nature Immunology, 2004, 5, 81-87.	7.0	105
170	An efficient CRISPR-based strategy to insert small and large fragments of DNA using short homology arms. ELife, 2019, 8, .	2.8	105
171	Functional binding of secreted molecules to heparan sulfate proteoglycans in Drosophila. Current Opinion in Cell Biology, 2000, 12, 575-580.	2.6	104
172	Intertissue Control of the Nucleolus via a Myokine-Dependent Longevity Pathway. Cell Reports, 2014, 7, 1481-1494.	2.9	104
173	Analysis of twenty-four Gal4 lines inDrosophila melanogaster. Genesis, 2002, 34, 51-57.	0.8	102
174	Design and implementation of high-throughput RNAi screens in cultured Drosophila cells. Nature Protocols, 2007, 2, 2245-2264.	5.5	102
175	Stable Force Balance between Epithelial Cells Arises from F-Actin Turnover. Developmental Cell, 2015, 35, 685-697.	3.1	102
176	A Membrane Transporter Is Required for Steroid Hormone Uptake in Drosophila. Developmental Cell, 2018, 47, 294-305.e7.	3.1	102
177	Role of Autophagy in Glycogen Breakdown and Its Relevance to Chloroquine Myopathy. PLoS Biology, 2013, 11, e1001708.	2.6	101
178	Single-cell transcriptome maps of myeloid blood cell lineages in Drosophila. Nature Communications, 2020, 11, 4483.	5.8	100
179	Activation of the JNK pathway during dorsal closure in Drosophila requires the mixed lineage kinase, slipper. Genes and Development, 2002, 16, 377-387.	2.7	99
180	Generating lineage-specific markers to studyDrosophila development. Genesis, 1991, 12, 238-252.	3.1	98

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181	Depleting Gene Activities in Early Drosophila Embryos with the â€œMaternal-Gal4â€“shRNAâ€•System. Genetics, 2013, 193, 51-61.	1.2	98
182	Role of heparan sulfate proteoglycans in cellâ€“cell signaling in Drosophila. Matrix Biology, 2000, 19, 303-307.	1.5	97
183	BMP Signaling Is Required for Controlling Somatic Stem Cell Self-Renewal in the Drosophila Ovary. Developmental Cell, 2005, 9, 651-662.	3.1	97
184	Signalling pathways initiated by receptor protein tyrosine kinases in Drosophila. Current Opinion in Cell Biology, 1994, 6, 260-266.	2.6	96
185	Applications of High-Throughput RNA Interference Screens to Problems in Cell and Developmental Biology. Genetics, 2007, 175, 7-16.	1.2	94
186	Midgut-Derived Activin Regulates Glucagon-like Action in the Fat Body and Glycemic Control. Cell Metabolism, 2017, 25, 386-399.	7.2	93
187	Evidence for engrailed-Independent wingless Autoregulation in Drosophila. Developmental Biology, 1995, 170, 636-650.	0.9	92
188	Stringent Analysis of Gene Function and Proteinâ€“Protein Interactions Using Fluorescently Tagged Genes. Genetics, 2012, 190, 931-940.	1.2	92
189	Opposing Actions of CSW and RasGAP Modulate the Strength of Torso RTK Signaling in the Drosophila Terminal Pathway. Molecular Cell, 1998, 2, 719-727.	4.5	91
190	The maternal effect of lethal(1)discs-large-1: A recessive oncogene of Drosophila melanogaster. Developmental Biology, 1988, 127, 392-407.	0.9	88
191	Processing of Drosophila endo-siRNAs depends on a specific Loquacious isoform. Rna, 2009, 15, 1886-1895.	1.6	88
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