

Hugo J Bellen

List of Publications by Year in descending order

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Version: 2024-02-01

297
papers

36,201
citations

2962

96
h-index

4983

173
g-index

334
all docs

334
docs citations

334
times ranked

37053
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent insights into the role of glia and oxidative stress in Alzheimer's disease gained from <i>Drosophila</i> . <i>Current Opinion in Neurobiology</i> , 2022, 72, 32-38.	2.0	13
2	<i>De novo FZR1</i> loss-of-function variants cause developmental and epileptic encephalopathies. <i>Brain</i> , 2022, 145, 1684-1697.	3.7	5
3	Daam2 Regulates Myelin Structure and the Oligodendrocyte Actin Cytoskeleton through Rac1 and Gelsolin. <i>Journal of Neuroscience</i> , 2022, 42, 1679-1691.	1.7	7
4	Loss of IRF2BPL impairs neuronal maintenance through excess Wnt signaling. <i>Science Advances</i> , 2022, 8, eabl5613.	4.7	12
5	Low doses of the organic insecticide spinosad trigger lysosomal defects, elevated ROS, lipid dysregulation, and neurodegeneration in flies. <i>ELife</i> , 2022, 11, .	2.8	16
6	Loss of Neuron Navigator 2 Impairs Brain and Cerebellar Development. <i>Cerebellum</i> , 2022, , 1.	1.4	5
7	Lord of the fruit flies: an interview with Hugo Bellen. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	1.2	2
8	ModelMatcher: A scientist-centric online platform to facilitate collaborations between stakeholders of rare and undiagnosed disease research. <i>Human Mutation</i> , 2022, , .	1.1	5
9	Novel dominant and recessive variants in human <i>ROBO1</i> cause distinct neurodevelopmental defects through different mechanisms. <i>Human Molecular Genetics</i> , 2022, 31, 2751-2765.	1.4	3
10	Loss-of-function variants in TIAM1 are associated with developmental delay, intellectual disability, and seizures. <i>American Journal of Human Genetics</i> , 2022, 109, 571-586.	2.6	19
11	The microRNA processor <i>DROSHA</i> is a candidate gene for a severe progressive neurological disorder. <i>Human Molecular Genetics</i> , 2022, 31, 2934-2950.	1.4	6
12	'Fly-ing' from rare to common neurodegenerative disease mechanisms. <i>Trends in Genetics</i> , 2022, 38, 972-984.	2.9	16
13	Systematic expression profiling of Dpr and DIP genes reveals cell surface codes in <i>Drosophila</i> larval motor and sensory neurons. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	10
14	Neuronal activity induces glucosylceramide that is secreted via exosomes for lysosomal degradation in glia. <i>Science Advances</i> , 2022, 8, .	4.7	21
15	Regulation of <i>Drosophila</i> oviduct muscle contractility by octopamine. <i>IScience</i> , 2022, 25, 104697.	1.9	9
16	Rare deleterious <i>de novo</i> missense variants in <i>Rnf2/Ring2</i> are associated with a neurodevelopmental disorder with unique clinical features. <i>Human Molecular Genetics</i> , 2021, 30, 1283-1292.	1.4	17
17	Model organisms contribute to diagnosis and discovery in the undiagnosed diseases network: current state and a future vision. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 206.	1.2	53
18	Heterozygous loss-of-function variants significantly expand the phenotypes associated with loss of GDF11. <i>Genetics in Medicine</i> , 2021, 23, 1889-1900.	1.1	13

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19	Phosphatidylserine synthase plays an essential role in glia and affects development, as well as the maintenance of neuronal function. <i>Science</i> , 2021, 24, 102899.	1.9	11
20	TNPO2 variants associate with human developmental delays, neurologic deficits, and dysmorphic features and alter TNPO2 activity in <i>Drosophila</i> . <i>American Journal of Human Genetics</i> , 2021, 108, 1669-1691.	2.6	23
21	Model organism databases are in jeopardy. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	9
22	Neuronal ROS-induced glial lipid droplet formation is altered by loss of Alzheimer's disease-associated genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	59
23	Use of the CRISPR-Cas9 System in <i>Drosophila</i> Cultured Cells to Introduce Fluorescent Tags into Endogenous Genes. <i>Current Protocols in Molecular Biology</i> , 2020, 130, e112.	2.9	6
24	Low doses of the neonicotinoid insecticide imidacloprid induce ROS triggering neurological and metabolic impairments in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25840-25850.	3.3	85
25	Using <i>Drosophila</i> to drive the diagnosis and understand the mechanisms of rare human diseases. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	37
26	BICRA, a SWI/SNF Complex Member, Is Associated with BAF-Disorder Related Phenotypes in Humans and Model Organisms. <i>American Journal of Human Genetics</i> , 2020, 107, 1096-1112.	2.6	32
27	The Daam2-VHL-Nedd4 axis governs developmental and regenerative oligodendrocyte differentiation. <i>Genes and Development</i> , 2020, 34, 1177-1189.	2.7	22
28	<i>Drosophila</i> Voltage-Gated Sodium Channels Are Only Expressed in Active Neurons and Are Localized to Distal Axonal Initial Segment-like Domains. <i>Journal of Neuroscience</i> , 2020, 40, 7999-8024.	1.7	50
29	De novo mutations in TOMM70, a receptor of the mitochondrial import translocase, cause neurological impairment. <i>Human Molecular Genetics</i> , 2020, 29, 1568-1579.	1.4	29
30	De Novo Variants in CDK19 Are Associated with a Syndrome Involving Intellectual Disability and Epileptic Encephalopathy. <i>American Journal of Human Genetics</i> , 2020, 106, 717-725.	2.6	23
31	De novo EIF2AK1 and EIF2AK2 Variants Are Associated with Developmental Delay, Leukoencephalopathy, and Neurologic Decompensation. <i>American Journal of Human Genetics</i> , 2020, 106, 570-583.	2.6	37
32	Loss- or Gain-of-Function Mutations in ACOX1 Cause Axonal Loss via Different Mechanisms. <i>Neuron</i> , 2020, 106, 589-606.e6.	3.8	71
33	Elevated COUP-TFII expression in dopaminergic neurons accelerates the progression of Parkinson's disease through mitochondrial dysfunction. <i>PLoS Genetics</i> , 2020, 16, e1008868.	1.5	12
34	Variants in CAPZA2, a member of an F-actin capping complex, cause intellectual disability and developmental delay. <i>Human Molecular Genetics</i> , 2020, 29, 1537-1546.	1.4	15
35	Novel role of dynamin-related protein 1 in dynamics of ER lipid droplets in adipose tissue. <i>FASEB Journal</i> , 2020, 34, 8265-8282.	0.2	20
36	Retromer subunit, VPS29, regulates synaptic transmission and is required for endolysosomal function in the aging brain. <i>ELife</i> , 2020, 9, .	2.8	37

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37	TFEB/Mitf links impaired nuclear import to autophagolysosomal dysfunction in C9-ALS. <i>ELife</i> , 2020, 9, .	2.8	48
38	A comprehensive iterative approach is highly effective in diagnosing individuals who are exome negative. <i>Genetics in Medicine</i> , 2019, 21, 161-172.	1.1	60
39	cindr, the Drosophila Homolog of the CD2AP Alzheimer's Disease Risk Gene, Is Required for Synaptic Transmission and Proteostasis. <i>Cell Reports</i> , 2019, 28, 1799-1813.e5.	2.9	27
40	De Novo Variants in WDR37 Are Associated with Epilepsy, Colobomas, Dysmorphism, Developmental Delay, Intellectual Disability, and Cerebellar Hypoplasia. <i>American Journal of Human Genetics</i> , 2019, 105, 413-424.	2.6	43
41	Disruptive mutations in TANC2 define a neurodevelopmental syndrome associated with psychiatric disorders. <i>Nature Communications</i> , 2019, 10, 4679.	5.8	43
42	Bi-allelic Variants in IQSEC1 Cause Intellectual Disability, Developmental Delay, and Short Stature. <i>American Journal of Human Genetics</i> , 2019, 105, 907-920.	2.6	22
43	La CaSSA da Drosophila: A Versatile Expansion of the Tool Box. <i>Neuron</i> , 2019, 104, 177-179.	3.8	0
44	Navigating MARRVEL, a Web-Based Tool that Integrates Human Genomics and Model Organism Genetics Information. <i>Journal of Visualized Experiments</i> , 2019, . .	0.2	20
45	The fruit fly at the interface of diagnosis and pathogenic mechanisms of rare and common human diseases. <i>Human Molecular Genetics</i> , 2019, 28, R207-R214.	1.4	72
46	Heterozygous variants in MYBPC1 are associated with an expanded neuromuscular phenotype beyond arthrogyposis. <i>Human Mutation</i> , 2019, 40, 1115-1126.	1.1	19
47	Loss of proteins associated with amyotrophic lateral sclerosis affects lysosomal acidification via different routes. <i>Autophagy</i> , 2019, 15, 1467-1469.	4.3	10
48	VAMP associated proteins are required for autophagic and lysosomal degradation by promoting a PtdIns4P-mediated endosomal pathway. <i>Autophagy</i> , 2019, 15, 1214-1233.	4.3	45
49	Ubiquilins regulate autophagic flux through mTOR signalling and lysosomal acidification. <i>Nature Cell Biology</i> , 2019, 21, 384-396.	4.6	102
50	Mutations in ANKLE2, a ZIKA Virus Target, Disrupt an Asymmetric Cell Division Pathway in Drosophila Neuroblasts to Cause Microcephaly. <i>Developmental Cell</i> , 2019, 51, 713-729.e6.	3.1	71
51	Loss of Oxidation Resistance 1, OXR1, Is Associated with an Autosomal-Recessive Neurological Disease with Cerebellar Atrophy and Lysosomal Dysfunction. <i>American Journal of Human Genetics</i> , 2019, 105, 1237-1253.	2.6	34
52	Sphingolipids in the Pathogenesis of Parkinson's Disease and Parkinsonism. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 106-117.	3.1	82
53	An efficient CRISPR-based strategy to insert small and large fragments of DNA using short homology arms. <i>ELife</i> , 2019, 8, .	2.8	105
54	Biallelic Mutations in ATP5F1D, which Encodes a Subunit of ATP Synthase, Cause a Metabolic Disorder. <i>American Journal of Human Genetics</i> , 2018, 102, 494-504.	2.6	59

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55	Ari-1 Regulates Myonuclear Organization Together with Parkin and Is Associated with Aortic Aneurysms. <i>Developmental Cell</i> , 2018, 45, 226-244.e8.	3.1	46
56	The expanding neurological phenotype of DNM1L-related disorders. <i>Brain</i> , 2018, 141, e28-e28.	3.7	7
57	Looking beyond the exome: a phenotype-first approach to molecular diagnostic resolution in rare and undiagnosed diseases. <i>Genetics in Medicine</i> , 2018, 20, 464-469.	1.1	42
58	Pleiotropic neuropathological and biochemical alterations associated with Myo5a mutation in a rat Model. <i>Brain Research</i> , 2018, 1679, 155-170.	1.1	14
59	Genetic strategies to tackle neurological diseases in fruit flies. <i>Current Opinion in Neurobiology</i> , 2018, 50, 24-32.	2.0	61
60	Neuron-Subtype-Specific Expression, Interaction Affinities, and Specificity Determinants of DIP/Dpr Cell Recognition Proteins. <i>Neuron</i> , 2018, 100, 1385-1400.e6.	3.8	65
61	Interactions between the Ig-Superfamily Proteins DIP-1± and Dpr6/10 Regulate Assembly of Neural Circuits. <i>Neuron</i> , 2018, 100, 1369-1384.e6.	3.8	64
62	Comparative Flavivirus-Host Protein Interaction Mapping Reveals Mechanisms of Dengue and Zika Virus Pathogenesis. <i>Cell</i> , 2018, 175, 1931-1945.e18.	13.5	252
63	Using <i>Drosophila</i> to study mechanisms of hereditary hearing loss. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	24
64	Bi-allelic Loss-of-Function Variants in DNMBP Cause Infantile Cataracts. <i>American Journal of Human Genetics</i> , 2018, 103, 568-578.	2.6	29
65	Effect of Genetic Diagnosis on Patients with Previously Undiagnosed Disease. <i>New England Journal of Medicine</i> , 2018, 379, 2131-2139.	13.9	261
66	Visual impairment and progressive phthisis bulbi caused by recessive pathogenic variant in MARK3. <i>Human Molecular Genetics</i> , 2018, 27, 2703-2711.	1.4	21
67	A gene-specific T2A-GAL4 library for <i>Drosophila</i> . <i>ELife</i> , 2018, 7, .	2.8	203
68	IRF2BPL Is Associated with Neurological Phenotypes. <i>American Journal of Human Genetics</i> , 2018, 103, 245-260.	2.6	69
69	The Psychiatric Cell Map Initiative: A Convergent Systems Biological Approach to Illuminating Key Molecular Pathways in Neuropsychiatric Disorders. <i>Cell</i> , 2018, 174, 505-520.	13.5	108
70	A kinase-dependent feedforward loop affects CREBB stability and long term memory formation. <i>ELife</i> , 2018, 7, .	2.8	29
71	Functional variants in TBX2 are associated with a syndromic cardiovascular and skeletal developmental disorder. <i>Human Molecular Genetics</i> , 2018, 27, 2454-2465.	1.4	54
72	Phospholipase PLA2G6, a Parkinsonism-Associated Gene, Affects Vps26 and Vps35, Retromer Function, and Ceramide Levels, Similar to 1±-Synuclein Gain. <i>Cell Metabolism</i> , 2018, 28, 605-618.e6.	7.2	133

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73	An expanded toolkit for gene tagging based on MiMIC and scarless CRISPR tagging in <i>Drosophila</i> . <i>ELife</i> , 2018, 7, .	2.8	59
74	Developmental Expression of 4-Repeat-Tau Induces Neuronal Aneuploidy in <i>Drosophila</i> Tauopathy Models. <i>Scientific Reports</i> , 2017, 7, 40764.	1.6	28
75	The Undiagnosed Diseases Network: Accelerating Discovery about Health and Disease. <i>American Journal of Human Genetics</i> , 2017, 100, 185-192.	2.6	142
76	A Recurrent De Novo Variant in <i>NACC1</i> Causes a Syndrome Characterized by Infantile Epilepsy, Cataracts, and Profound Developmental Delay. <i>American Journal of Human Genetics</i> , 2017, 100, 343-351.	2.6	35
77	MARRVEL: Integration of Human and Model Organism Genetic Resources to Facilitate Functional Annotation of the Human Genome. <i>American Journal of Human Genetics</i> , 2017, 100, 843-853.	2.6	181
78	Lysosomal Degradation Is Required for Sustained Phagocytosis of Bacteria by Macrophages. <i>Cell Host and Microbe</i> , 2017, 21, 719-730.e6.	5.1	79
79	Building dialogues between clinical and biomedical research through cross-species collaborations. <i>Seminars in Cell and Developmental Biology</i> , 2017, 70, 49-57.	2.3	16
80	A Syndromic Neurodevelopmental Disorder Caused by De Novo Variants in <i>EBF3</i> . <i>American Journal of Human Genetics</i> , 2017, 100, 128-137.	2.6	96
81	Loss of Nardilysin, a Mitochondrial Co-chaperone for α -Ketoglutarate Dehydrogenase, Promotes mTORC1 Activation and Neurodegeneration. <i>Neuron</i> , 2017, 93, 115-131.	3.8	95
82	The Glia-Neuron Lactate Shuttle and Elevated ROS Promote Lipid Synthesis in Neurons and Lipid Droplet Accumulation in Glia via <i>APOE/D</i> . <i>Cell Metabolism</i> , 2017, 26, 719-737.e6.	7.2	333
83	Model Organisms Facilitate Rare Disease Diagnosis and Therapeutic Research. <i>Genetics</i> , 2017, 207, 9-27.	1.2	165
84	The Krebs Cycle Enzyme Isocitrate Dehydrogenase 3A Couples Mitochondrial Metabolism to Synaptic Transmission. <i>Cell Reports</i> , 2017, 21, 3794-3806.	2.9	31
85	In Vivo Animal Modeling. , 2017, , 211-234.		2
86	Amyotrophic Lateral Sclerosis Pathogenesis Converges on Defects in Protein Homeostasis Associated with TDP-43 Mislocalization and Proteasome-Mediated Degradation Overload. <i>Current Topics in Developmental Biology</i> , 2017, 121, 111-171.	1.0	26
87	Peroxisomal biogenesis is genetically and biochemically linked to carbohydrate metabolism in <i>Drosophila</i> and mouse. <i>PLoS Genetics</i> , 2017, 13, e1006825.	1.5	31
88	Clinically severe <i>CACNA1A</i> alleles affect synaptic function and neurodegeneration differentially. <i>PLoS Genetics</i> , 2017, 13, e1006905.	1.5	80
89	Gene Tagging Strategies To Assess Protein Expression, Localization, and Function in. <i>Genetics</i> , 2017, 207, 389-412.	1.2	45
90	A cell cycle-independent, conditional gene inactivation strategy for differentially tagging wild-type and mutant cells. <i>ELife</i> , 2017, 6, .	2.8	23

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91	Loss of Frataxin induces iron toxicity, sphingolipid synthesis, and Pdk1/Mef2 activation, leading to neurodegeneration. <i>ELife</i> , 2016, 5, .	2.8	74
92	Uncoupling neuronal death and dysfunction in <i>Drosophila</i> models of neurodegenerative disease. <i>Acta Neuropathologica Communications</i> , 2016, 4, 62.	2.4	77
93	<i>Drosophila</i> tools and assays for the study of human diseases. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 235-244.	1.2	367
94	De Novo Truncating Variants in ASXL2 Are Associated with a Unique and Recognizable Clinical Phenotype. <i>American Journal of Human Genetics</i> , 2016, 99, 991-999.	2.6	68
95	Recurrent De Novo and Biallelic Variation of ATAD3A , Encoding a Mitochondrial Membrane Protein, Results in Distinct Neurological Syndromes. <i>American Journal of Human Genetics</i> , 2016, 99, 831-845.	2.6	146
96	Missense variants in the middle domain of <i>DNM1L</i> in cases of infantile encephalopathy alter peroxisomes and mitochondria when assayed in <i>Drosophila</i> . <i>Human Molecular Genetics</i> , 2016, 25, 1846-1856.	1.4	62
97	WAC Regulates mTOR Activity by Acting as an Adaptor for the TTT and Pontin/Reptin Complexes. <i>Developmental Cell</i> , 2016, 36, 139-151.	3.1	47
98	NMNAT2:HSP90 Complex Mediates Proteostasis in Proteinopathies. <i>PLoS Biology</i> , 2016, 14, e1002472.	2.6	105
99	Ubr3, a Novel Modulator of Hh Signaling Affects the Degradation of Costal-2 and Kif7 through Poly-ubiquitination. <i>PLoS Genetics</i> , 2016, 12, e1006054.	1.5	17
100	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. <i>PLoS Genetics</i> , 2016, 12, e1006327.	1.5	47
101	The E3 ligase Ubr3 regulates Usher syndrome and MYH9 disorder proteins in the auditory organs of <i>Drosophila</i> and mammals. <i>ELife</i> , 2016, 5, .	2.8	23
102	Loss of Frataxin activates the iron/sphingolipid/PDK1/Mef2 pathway in mammals. <i>ELife</i> , 2016, 5, .	2.8	61
103	FlyVar: a database for genetic variation in <i>Drosophila melanogaster</i> . <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, .	1.4	10
104	A library of MiMICs allows tagging of genes and reversible, spatial and temporal knockdown of proteins in <i>Drosophila</i> . <i>ELife</i> , 2015, 4, .	2.8	320
105	Control of Synaptic Connectivity by a Network of <i>Drosophila</i> IgSF Cell Surface Proteins. <i>Cell</i> , 2015, 163, 1770-1782.	13.5	155
106	Ig Superfamily Ligand and Receptor Pairs Expressed in Synaptic Partners in <i>Drosophila</i> . <i>Cell</i> , 2015, 163, 1756-1769.	13.5	184
107	Huntingtin functions as a scaffold for selective macroautophagy. <i>Nature Cell Biology</i> , 2015, 17, 262-275.	4.6	336
108	Glial Lipid Droplets and ROS Induced by Mitochondrial Defects Promote Neurodegeneration. <i>Cell</i> , 2015, 160, 177-190.	13.5	617

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109	Fruit Flies in Biomedical Research. <i>Genetics</i> , 2015, 199, 639-653.	1.2	149
110	Safeguarding gene drive experiments in the laboratory. <i>Science</i> , 2015, 349, 927-929.	6.0	254
111	A Voltage-Gated Calcium Channel Regulates Lysosomal Fusion with Endosomes and Autophagosomes and Is Required for Neuronal Homeostasis. <i>PLoS Biology</i> , 2015, 13, e1002103.	2.6	85
112	The retromer complex in development and disease. <i>Development (Cambridge)</i> , 2015, 142, 2392-2396.	1.2	73
113	Morgan's Legacy: Fruit Flies and the Functional Annotation of Conserved Genes. <i>Cell</i> , 2015, 163, 12-14.	13.5	79
114	Increased COUP-TFII expression in adult hearts induces mitochondrial dysfunction resulting in heart failure. <i>Nature Communications</i> , 2015, 6, 8245.	5.8	55
115	Pri sORF peptides induce selective proteasome-mediated protein processing. <i>Science</i> , 2015, 349, 1356-1358.	6.0	90
116	Impaired Mitochondrial Energy Production Causes Light-Induced Photoreceptor Degeneration Independent of Oxidative Stress. <i>PLoS Biology</i> , 2015, 13, e1002197.	2.6	48
117	A genetic toolkit for tagging intronic MiMIC containing genes. <i>ELife</i> , 2015, 4, .	2.8	134
118	The Retromer Complex Is Required for Rhodopsin Recycling and Its Loss Leads to Photoreceptor Degeneration. <i>PLoS Biology</i> , 2014, 12, e1001847.	2.6	75
119	<i>Drosophila</i> Tempura, a Novel Protein Prenyltransferase \pm Subunit, Regulates Notch Signaling Via Rab1 and Rab11. <i>PLoS Biology</i> , 2014, 12, e1001777.	2.6	45
120	Syncrip/hnRNP Q influences synaptic transmission and regulates BMP signaling at the <i>Drosophila</i> neuromuscular synapse. <i>Biology Open</i> , 2014, 3, 839-849.	0.6	30
121	A TRPV Channel in <i>Drosophila</i> Motor Neurons Regulates Presynaptic Resting Ca ²⁺ Levels, Synapse Growth, and Synaptic Transmission. <i>Neuron</i> , 2014, 84, 764-777.	3.8	68
122	The amyotrophic lateral sclerosis 8 protein, VAP, is required for ER protein quality control. <i>Human Molecular Genetics</i> , 2014, 23, 1975-1989.	1.4	59
123	Shared mechanisms between <i>Drosophila</i> peripheral nervous system development and human neurodegenerative diseases. <i>Current Opinion in Neurobiology</i> , 2014, 27, 158-164.	2.0	25
124	Chemical mutagens, transposons, and transgenes to interrogate gene function in <i>Drosophila melanogaster</i> . <i>Methods</i> , 2014, 68, 15-28.	1.9	65
125	A Mitocentric View of Parkinson's Disease. <i>Annual Review of Neuroscience</i> , 2014, 37, 137-159.	5.0	115
126	A <i>Drosophila</i> Genetic Resource of Mutants to Study Mechanisms Underlying Human Genetic Diseases. <i>Cell</i> , 2014, 159, 200-214.	13.5	322

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127	Introduction to Notch Signaling. <i>Methods in Molecular Biology</i> , 2014, 1187, 1-14.	0.4	78
128	Large-scale identification of chemically induced mutations in <i>Drosophila melanogaster</i> . <i>Genome Research</i> , 2014, 24, 1707-1718.	2.4	67
129	Survival of the Fittest Tools. <i>Genetics</i> , 2014, 198, 427-428.	1.2	3
130	Mitochondrial fusion but not fission regulates larval growth and synaptic development through steroid hormone production. <i>ELife</i> , 2014, 3, .	2.8	109
131	miR-9a Minimizes the Phenotypic Impact of Genomic Diversity by Buffering a Transcription Factor. <i>Cell</i> , 2013, 155, 1556-1567.	13.5	99
132	NMNATs, evolutionarily conserved neuronal maintenance factors. <i>Trends in Neurosciences</i> , 2013, 36, 632-640.	4.2	85
133	Rhodopsin homeostasis and retinal degeneration: lessons from the fly. <i>Trends in Neurosciences</i> , 2013, 36, 652-660.	4.2	68
134	VAPB/ALS8 MSP Ligands Regulate Striated Muscle Energy Metabolism Critical for Adult Survival in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2013, 9, e1003738.	1.5	35
135	<i>dEHP1</i> regulates Scabrous secretion during Notch mediated lateral inhibition. <i>Journal of Cell Science</i> , 2013, 126, 3686-96.	1.2	10
136	The C8ORF38 homologue Sicily is a cytosolic chaperone for a mitochondrial complex I subunit. <i>Journal of Cell Biology</i> , 2013, 200, 807-820.	2.3	56
137	The dynamin-binding domains of Dap160/Intersectin affect bulk membrane retrieval in synapses. <i>Journal of Cell Science</i> , 2013, 126, 1021-31.	1.2	25
138	Protein Phosphatase 1 ^{ΔY} Limits Ring Canal Constriction during <i>Drosophila</i> Germline Cyst Formation. <i>PLoS ONE</i> , 2013, 8, e70502.	1.1	27
139	Crag Is a GEF for Rab11 Required for Rhodopsin Trafficking and Maintenance of Adult Photoreceptor Cells. <i>PLoS Biology</i> , 2012, 10, e1001438.	2.6	93
140	Stringent Analysis of Gene Function and Protein-Protein Interactions Using Fluorescently Tagged Genes. <i>Genetics</i> , 2012, 190, 931-940.	1.2	92
141	An Assay to Detect <i>In Vivo</i> Chromosome Loss in <i>Drosophila</i> Wing Disc Cells. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 1095-1102.	0.8	14
142	<i>dEHP1</i> controls exocytosis and recycling of Delta during asymmetric divisions. <i>Journal of Cell Biology</i> , 2012, 196, 65-83.	2.3	35
143	Spectraplakins Promote Microtubule-Mediated Axonal Growth by Functioning As Structural Microtubule-Associated Proteins and EB1-Dependent +TIPs (Tip Interacting Proteins). <i>Journal of Neuroscience</i> , 2012, 32, 9143-9158.	1.7	104
144	A Mutation in EGF Repeat-8 of Notch Discriminates Between Serrate/Jagged and Delta Family Ligands. <i>Science</i> , 2012, 338, 1229-1232.	6.0	92

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145	Secreted VAPB/ALS8 Major Sperm Protein Domains Modulate Mitochondrial Localization and Morphology via Growth Cone Guidance Receptors. <i>Developmental Cell</i> , 2012, 22, 348-362.	3.1	68
146	Genome-Wide Manipulations of <i>Drosophila melanogaster</i> with Transposons, Flp Recombinase, and $\hat{\mid}$ C31 Integrase. <i>Methods in Molecular Biology</i> , 2012, 859, 203-228.	0.4	65
147	Probing Mechanisms That Underlie Human Neurodegenerative Diseases in <i>Drosophila</i> . <i>Annual Review of Genetics</i> , 2012, 46, 371-396.	3.2	96
148	<i>Drosophila</i> Neuroligin 2 is Required Presynaptically and Postsynaptically for Proper Synaptic Differentiation and Synaptic Transmission. <i>Journal of Neuroscience</i> , 2012, 32, 16018-16030.	1.7	60
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