

Lily Y Jan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280
papers

44,724
citations

123
h-index

208
g-index

331
ext. papers

48,317
ext. citations

20.2
avg, IF

7.26
L-index

#	Paper	IF	Citations
280	Structure, function and pharmacology of human itch GPCRs. <i>Nature</i> , 2021 , 600, 170-175	50.4	15
279	TMEM16C is involved in thermoregulation and protects rodent pups from febrile seizures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
278	Kv1.1 channels regulate early postnatal neurogenesis in mouse hippocampus via the TrkB signaling pathway. <i>ELife</i> , 2021 , 10,	8.9	1
277	Multi-scale spatial heterogeneity enhances particle clearance in airway ciliary arrays. <i>Nature Physics</i> , 2020 , 16, 958-964	16.2	12
276	Chloride channels regulate differentiation and barrier functions of the mammalian airway. <i>ELife</i> , 2020 , 9,	8.9	10
275	Thermoregulation via Temperature-Dependent PGD Production in Mouse Preoptic Area. <i>Neuron</i> , 2019 , 103, 309-322.e7	13.9	29
274	TMEM16A controls EGF-induced calcium signaling implicated in pancreatic cancer prognosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 13026-13035	11.5	36
273	Glial ensheathment of the somatodendritic compartment regulates sensory neuron structure and activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 5126-5134	11.5	10
272	TMEM16B Calcium-Activated Chloride Channels Regulate Action Potential Firing in Lateral Septum and Aggression in Male Mice. <i>Journal of Neuroscience</i> , 2019 , 39, 7102-7117	6.6	10
271	Dynamic change of electrostatic field in TMEM16F permeation pathway shifts its ion selectivity. <i>ELife</i> , 2019 , 8,	8.9	14
270	TMEM16B regulates anxiety-related behavior and GABAergic neuronal signaling in the central lateral amygdala. <i>ELife</i> , 2019 , 8,	8.9	8
269	Chemically induced vesiculation as a platform for studying TMEM16F activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1309-1318	11.5	14
268	The Sixth Transmembrane Segment Is a Major Gating Component of the TMEM16A Calcium-Activated Chloride Channel. <i>Neuron</i> , 2018 , 97, 1063-1077.e4	13.9	49
267	Phosphatidylinositol-(4, 5)-bisphosphate regulates calcium gating of small-conductance cation channel TMEM16F. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E1667-E1674	11.5	46
266	Influences: Cold Spring Harbor summer courses and neurogenetics. <i>Journal of General Physiology</i> , 2018 , 150, 773-775	3.4	0
265	Far away from the lamppost. <i>PLoS Biology</i> , 2018 , 16, e3000067	9.7	10
264	Activation of orexin system facilitates anesthesia emergence and pain control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E10740-E10747	11.5	28

263	TAOK2 Kinase Mediates PSD95 Stability and Dendritic Spine Maturation through Septin7 Phosphorylation. <i>Neuron</i> , 2017 , 93, 379-393	13.9	68
262	Composition and Control of a Deg/ENaC Channel during Presynaptic Homeostatic Plasticity. <i>Cell Reports</i> , 2017 , 20, 1855-1866	10.6	18
261	Inferior Olivary TMEM16B Mediates Cerebellar Motor Learning. <i>Neuron</i> , 2017 , 95, 1103-1111.e4	13.9	31
260	Cytoplasmic Cl couples membrane remodeling to epithelial morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E11161-E11169	11.5	21
259	Electron cryo-microscopy structure of the mechanotransduction channel NOMPC. <i>Nature</i> , 2017 , 547, 118-122	50.4	138
258	In vivo dendrite regeneration after injury is different from dendrite development. <i>Genes and Development</i> , 2016 , 30, 1776-89	12.6	22
257	N-linked glycosylation of Kv1.2 voltage-gated potassium channel facilitates cell surface expression and enhances the stability of internalized channels. <i>Journal of Physiology</i> , 2016 , 594, 6701-6713	3.9	11
256	A Defensive Kicking Behavior in Response to Mechanical Stimuli Mediated by Drosophila Wing Margin Bristles. <i>Journal of Neuroscience</i> , 2016 , 36, 11275-11282	6.6	24
255	Transmembrane channel-like (tmc) gene regulates Drosophila larval locomotion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 7243-8	11.5	45
254	Epidermis-Derived Semaphorin Promotes Dendrite Self-Avoidance by Regulating Dendrite-Substrate Adhesion in Drosophila Sensory Neurons. <i>Neuron</i> , 2016 , 89, 741-55	13.9	34
253	Phosphorylation of β Tubulin by the Down Syndrome Kinase, Minibrain/DYRK1a, Regulates Microtubule Dynamics and Dendrite Morphogenesis. <i>Neuron</i> , 2016 , 90, 551-63	13.9	51
252	Four basic residues critical for the ion selectivity and pore blocker sensitivity of TMEM16A calcium-activated chloride channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3547-52	11.5	54
251	Coordination chemistry of 2,6-dimethanol pyridine with early transition metal alkoxide compounds. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 1616-1632	1.6	5
250	Regulation of axon regeneration by the RNA repair and splicing pathway. <i>Nature Neuroscience</i> , 2015 , 18, 817-25	25.5	40
249	EAG2 potassium channel with evolutionarily conserved function as a brain tumor target. <i>Nature Neuroscience</i> , 2015 , 18, 1236-46	25.5	56
248	Ankyrin Repeats Convey Force to Gate the NOMPC Mechanotransduction Channel. <i>Cell</i> , 2015 , 162, 1391-403	30.3	134
247	Neutrophil-derived microvesicles enter cartilage and protect the joint in inflammatory arthritis. <i>Science Translational Medicine</i> , 2015 , 7, 315ra190	17.5	176
246	Female contact modulates male aggression via a sexually dimorphic GABAergic circuit in Drosophila. <i>Nature Neuroscience</i> , 2014 , 17, 81-8	25.5	68

245	Krüppel mediates the selective rebalancing of ion channel expression. <i>Neuron</i> , 2014 , 82, 537-44	13.9	29
244	Cardiac BIN1 folds T-tubule membrane, controlling ion flux and limiting arrhythmia. <i>Nature Medicine</i> , 2014 , 20, 624-32	50.5	150
243	MST3 kinase phosphorylates TAO1/2 to enable Myosin Va function in promoting spine synapse development. <i>Neuron</i> , 2014 , 84, 968-82	13.9	43
242	Double-bromo and extraterminal (BET) domain proteins regulate dendrite morphology and mechanosensory function. <i>Genes and Development</i> , 2014 , 28, 1940-56	12.6	8
241	Drosophila Valosin-Containing Protein is required for dendrite pruning through a regulatory role in mRNA metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7331-6	11.5	31
240	Epidermal cells are the primary phagocytes in the fragmentation and clearance of degenerating dendrites in Drosophila. <i>Neuron</i> , 2014 , 81, 544-560	13.9	90
239	TMEM16C facilitates Na(+)-activated K+ currents in rat sensory neurons and regulates pain processing. <i>Nature Neuroscience</i> , 2013 , 16, 1284-90	25.5	85
238	A PDF/NPF neuropeptide signaling circuitry of male Drosophila melanogaster controls rival-induced prolonged mating. <i>Neuron</i> , 2013 , 80, 1190-205	13.9	49
237	Conduits of life's spark: a perspective on ion channel research since the birth of neuron. <i>Neuron</i> , 2013 , 80, 658-74	13.9	33
236	Identification of a dimerization domain in the TMEM16A calcium-activated chloride channel (CaCC). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6352-7	11.5	57
235	Increased neuronal activity fragments the Golgi complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1482-7	11.5	40
234	Drosophila NOMPC is a mechanotransduction channel subunit for gentle-touch sensation. <i>Nature</i> , 2013 , 493, 221-5	50.4	240
233	Sound response mediated by the TRP channels NOMPC, NANCHUNG, and INACTIVE in chordotonal organs of Drosophila larvae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13612-7	11.5	94
232	Imaging-based chemical screening reveals activity-dependent neural differentiation of pluripotent stem cells. <i>ELife</i> , 2013 , 2, e00508	8.9	12
231	Golgi outposts shape dendrite morphology by functioning as sites of acentrosomal microtubule nucleation in neurons. <i>Neuron</i> , 2012 , 76, 921-30	13.9	227
230	Integrins regulate repulsion-mediated dendritic patterning of drosophila sensory neurons by restricting dendrites in a 2D space. <i>Neuron</i> , 2012 , 73, 64-78	13.9	124
229	Chemical genetic identification of NDR1/2 kinase substrates AAK1 and Rabin8 Uncovers their roles in dendrite arborization and spine development. <i>Neuron</i> , 2012 , 73, 1127-42	13.9	95
228	Calcium-activated chloride channels (CaCCs) regulate action potential and synaptic response in hippocampal neurons. <i>Neuron</i> , 2012 , 74, 179-92	13.9	113

227	Local generation of glia is a major astrocyte source in postnatal cortex. <i>Nature</i> , 2012 , 484, 376-80	50.4	303
226	Voltage-gated potassium channels and the diversity of electrical signalling. <i>Journal of Physiology</i> , 2012 , 590, 2591-9	3.9	138
225	Kv1.1-dependent control of hippocampal neuron number as revealed by mosaic analysis with double markers. <i>Journal of Physiology</i> , 2012 , 590, 2645-58	3.9	8
224	Calcium-activated chloride channel TMEM16A modulates mucin secretion and airway smooth muscle contraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 16354-9	11.5	235
223	Rapamycin ameliorates age-dependent obesity associated with increased mTOR signaling in hypothalamic POMC neurons. <i>Neuron</i> , 2012 , 75, 425-36	13.9	143
222	Fragile X syndrome: mechanistic insights and therapeutic avenues regarding the role of potassium channels. <i>Current Opinion in Neurobiology</i> , 2012 , 22, 887-94	7.6	20
221	Rapamycin induces glucose intolerance in mice by reducing islet mass, insulin content, and insulin sensitivity. <i>Journal of Molecular Medicine</i> , 2012 , 90, 575-85	5.5	75
220	Regeneration of Drosophila sensory neuron axons and dendrites is regulated by the Akt pathway involving Pten and microRNA bantam. <i>Genes and Development</i> , 2012 , 26, 1612-25	12.6	106
219	Contribution of visual and circadian neural circuits to memory for prolonged mating induced by rivals. <i>Nature Neuroscience</i> , 2012 , 15, 876-83	25.5	33
218	Voltage-gated potassium channel EAG2 controls mitotic entry and tumor growth in medulloblastoma via regulating cell volume dynamics. <i>Genes and Development</i> , 2012 , 26, 1780-96	12.6	54
217	International Union of Basic and Clinical Pharmacology. LXXXV: calcium-activated chloride channels. <i>Pharmacological Reviews</i> , 2012 , 64, 1-15	22.5	128
216	Bidirectional regulation of dendritic voltage-gated potassium channels by the fragile X mental retardation protein. <i>Neuron</i> , 2011 , 72, 630-42	13.9	113
215	Light-induced structural and functional plasticity in Drosophila larval visual system. <i>Science</i> , 2011 , 333, 1458-62	33.3	69
214	Dronc caspase exerts a non-apoptotic function to restrain phospho-Numb-induced ectopic neuroblast formation in Drosophila. <i>Development (Cambridge)</i> , 2011 , 138, 2185-96	6.6	28
213	Differential regulation of dendritic and axonal development by the novel Krüppel-like factor Dar1. <i>Journal of Neuroscience</i> , 2011 , 31, 3309-19	6.6	39
212	Enhancer-driven membrane markers for analysis of nonautonomous mechanisms reveal neuron-glia interactions in Drosophila. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 9673-8	11.5	174
211	Ets transcription factor Pointed promotes the generation of intermediate neural progenitors in Drosophila larval brains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 20615-20	11.5	62
210	Pathogenic polyglutamine proteins cause dendrite defects associated with specific actin cytoskeletal alterations in Drosophila. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16795-800	11.5	40

209	Branching out: mechanisms of dendritic arborization. <i>Nature Reviews Neuroscience</i> , 2010 , 11, 316-28	13.5	499
208	Light-avoidance-mediating photoreceptors tile the <i>Drosophila</i> larval body wall. <i>Nature</i> , 2010 , 468, 921-650.4	50.4	320
207	Altered ultrasonic vocalizations in a tuberous sclerosis mouse model of autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 11074-9	11.5	107
206	A twist on potassium channel gating. <i>Cell</i> , 2010 , 141, 920-2	56.2	4
205	The role of the TRP channel NompC in <i>Drosophila</i> larval and adult locomotion. <i>Neuron</i> , 2010 , 67, 373-80	13.9	160
204	G protein-activated inwardly rectifying potassium channels mediate depotentiation of long-term potentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 635-40	11.5	90
203	Studies on expression and function of the TMEM16A calcium-activated chloride channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 21413-8	11.5	247
202	Neuronal activity regulates phosphorylation-dependent surface delivery of G protein-activated inwardly rectifying potassium channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 629-34	11.5	87
201	<i>Drosophila</i> IKK-related kinase Ik2 and Katanin p60-like 1 regulate dendrite pruning of sensory neuron during metamorphosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 6363-8	11.5	102
200	Dividing glial cells maintain differentiated properties including complex morphology and functional synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 328-33	11.5	88
199	Control of the postmating behavioral switch in <i>Drosophila</i> females by internal sensory neurons. <i>Neuron</i> , 2009 , 61, 519-26	13.9	210
198	Mammalian Par3 regulates progenitor cell asymmetric division via notch signaling in the developing neocortex. <i>Neuron</i> , 2009 , 63, 189-202	13.9	271
197	The microRNA bantam functions in epithelial cells to regulate scaling growth of dendrite arbors in <i>drosophila</i> sensory neurons. <i>Neuron</i> , 2009 , 63, 788-802	13.9	130
196	Dynein is required for polarized dendritic transport and uniform microtubule orientation in axons. <i>Nature Cell Biology</i> , 2008 , 10, 1172-80	23.4	230
195	Thrilling moment of an inhibitory channel. <i>Neuron</i> , 2008 , 58, 823-4	13.9	7
194	Expression cloning of TMEM16A as a calcium-activated chloride channel subunit. <i>Cell</i> , 2008 , 134, 1019-29	56.2	893
193	Foxn4 directly regulates tbx2b expression and atrioventricular canal formation. <i>Genes and Development</i> , 2008 , 22, 734-9	12.6	258
192	Retrospective: Seymour Benzer (1921-2007). <i>Science</i> , 2008 , 319, 45	33.3	5

191	Genetic and physiologic dissection of the vertebrate cardiac conduction system. <i>PLoS Biology</i> , 2008 , 6, e109	9.7	196
190	The Tsc1-Tsc2 complex influences neuronal polarity by modulating TORC1 activity and SAD levels. <i>Genes and Development</i> , 2008 , 22, 2447-53	12.6	16
189	<i>Drosophila</i> egg-laying site selection as a system to study simple decision-making processes. <i>Science</i> , 2008 , 319, 1679-83	33.3	257
188	Numb and Numbl are required for maintenance of cadherin-based adhesion and polarity of neural progenitors. <i>Nature Neuroscience</i> , 2007 , 10, 819-27	25.5	267
187	Structure prediction for the down state of a potassium channel voltage sensor. <i>Nature</i> , 2007 , 445, 550-350.4	6.3	
186	Projections of <i>Drosophila</i> multidendritic neurons in the central nervous system: links with peripheral dendrite morphology. <i>Development (Cambridge)</i> , 2007 , 134, 55-64	6.6	152
185	Complex formation with the Type B gamma-aminobutyric acid receptor affects the expression and signal transduction of the extracellular calcium-sensing receptor. Studies with HEK-293 cells and neurons. <i>Journal of Biological Chemistry</i> , 2007 , 282, 25030-40	5.4	62
184	Identification of yeast proteins necessary for cell-surface function of a potassium channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 18079-84	11.5	44
183	Polycomb genes interact with the tumor suppressor genes hippo and warts in the maintenance of <i>Drosophila</i> sensory neuron dendrites. <i>Genes and Development</i> , 2007 , 21, 956-72	12.6	56
182	Identification and characterization of a new class of trafficking motifs for controlling clathrin-independent internalization and recycling. <i>Journal of Biological Chemistry</i> , 2007 , 282, 13087-97	5.4	38
181	<i>Drosophila</i> sensory neurons require Dscam for dendritic self-avoidance and proper dendritic field organization. <i>Neuron</i> , 2007 , 54, 403-16	13.9	205
180	Microtubule plus-end-tracking proteins target gap junctions directly from the cell interior to adherens junctions. <i>Cell</i> , 2007 , 128, 547-60	56.2	374
179	Growing dendrites and axons differ in their reliance on the secretory pathway. <i>Cell</i> , 2007 , 130, 717-29	56.2	293
178	SK channels mediate NADPH oxidase-independent reactive oxygen species production and apoptosis in granulocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 17548-53	11.5	56
177	Activity- and mTOR-dependent suppression of Kv1.1 channel mRNA translation in dendrites. <i>Science</i> , 2006 , 314, 144-8	33.3	216
176	Electrostatic interactions in the channel cavity as an important determinant of potassium channel selectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 14355-60	11.5	35
175	Polarized axonal surface expression of neuronal KCNQ channels is mediated by multiple signals in the KCNQ2 and KCNQ3 C-terminal domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8870-5	11.5	151
174	K ⁺ channel selectivity depends on kinetic as well as thermodynamic factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 14361-6	11.5	24

173	Turning G proteins on and off using peptide ligands. <i>ACS Chemical Biology</i> , 2006 , 1, 570-4	4.9	14
172	Postnatal deletion of Numb/Numbl like reveals repair and remodeling capacity in the subventricular neurogenic niche. <i>Cell</i> , 2006 , 127, 1253-64	56.2	173
171	Modulation of basal and receptor-induced GIRK potassium channel activity and neuronal excitability by the mammalian PINS homolog LGN. <i>Neuron</i> , 2006 , 50, 561-73	13.9	52
170	Identification of E2/E3 ubiquitinating enzymes and caspase activity regulating <i>Drosophila</i> sensory neuron dendrite pruning. <i>Neuron</i> , 2006 , 51, 283-90	13.9	214
169	The microtubule plus-end tracking protein EB1 is required for Kv1 voltage-gated K ⁺ channel axonal targeting. <i>Neuron</i> , 2006 , 52, 803-16	13.9	110
168	Channeling to the nucleus. <i>Neuron</i> , 2006 , 52, 937-40	13.9	8
167	The distribution and targeting of neuronal voltage-gated ion channels. <i>Nature Reviews Neuroscience</i> , 2006 , 7, 548-62	13.5	339
166	The tumour suppressor Hippo acts with the NDR kinases in dendritic tiling and maintenance. <i>Nature</i> , 2006 , 443, 210-3	50.4	163
165	Mammalian electrophysiology on a microfluidic platform. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9112-7	11.5	145
164	Common molecular pathways mediate long-term potentiation of synaptic excitation and slow synaptic inhibition. <i>Cell</i> , 2005 , 123, 105-18	56.2	126
163	Microfluidic application-specific integrated device for monitoring direct cell-cell communication via gap junctions between individual cell pairs. <i>Applied Physics Letters</i> , 2005 , 86, 223902	3.4	95
162	A fluorescent probe designed for studying protein conformational change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 965-70	11.5	95
161	Identification by mass spectrometry and functional characterization of two phosphorylation sites of KCNQ2/KCNQ3 channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17828-33	11.5	30
160	Dendrite-specific remodeling of <i>Drosophila</i> sensory neurons requires matrix metalloproteases, ubiquitin-proteasome, and ecdysone signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 15230-5	11.5	170
159	International Union of Pharmacology. LIV. Nomenclature and molecular relationships of inwardly rectifying potassium channels. <i>Pharmacological Reviews</i> , 2005 , 57, 509-26	22.5	217
158	Targeted deletion of numb and numbl like in sensory neurons reveals their essential functions in axon arborization. <i>Genes and Development</i> , 2005 , 19, 138-51	12.6	42
157	A potassium channel, the M-channel, as a therapeutic target. <i>Current Opinion in Investigational Drugs</i> , 2005 , 6, 704-11		28
156	A quantitative assessment of models for voltage-dependent gating of ion channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 17640-5	11.5	74

155	Conversion of neurons and glia to external-cell fates in the external sensory organs of <i>Drosophila hamlet</i> mutants by a cousin-cousin cell-type respecification. <i>Genes and Development</i> , 2004 , 18, 623-8	12.6	24
154	Control of dendrite arborization by an Ig family member, dendrite arborization and synapse maturation 1 (Dasm1). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 13341-5	11.5	37
153	Evolving potassium channels by means of yeast selection reveals structural elements important for selectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 4441-6	11.5	36
152	The immunoglobulin family member dendrite arborization and synapse maturation 1 (Dasm1) controls excitatory synapse maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 13346-51	11.5	36
151	NO stimulation of ATP-sensitive potassium channels: Involvement of Ras/mitogen-activated protein kinase pathway and contribution to neuroprotection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 7799-804	11.5	62
150	APC and GSK-3beta are involved in mPar3 targeting to the nascent axon and establishment of neuronal polarity. <i>Current Biology</i> , 2004 , 14, 2025-32	6.3	222
149	Control of dendritic branching and tiling by the Tricornered-kinase/Furry signaling pathway in <i>Drosophila</i> sensory neurons. <i>Cell</i> , 2004 , 119, 245-56	56.2	190
148	Distinct roles of Bazooka and Stardust in the specification of <i>Drosophila</i> photoreceptor membrane architecture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 12712-7	11.5	76
147	A conserved domain in axonal targeting of Kv1 (Shaker) voltage-gated potassium channels. <i>Science</i> , 2003 , 301, 646-9	33.3	132
146	M-channels: neurological diseases, neuromodulation, and drug development. <i>Archives of Neurology</i> , 2003 , 60, 496-500		100
145	Dendrites of distinct classes of <i>Drosophila</i> sensory neurons show different capacities for homotypic repulsion. <i>Current Biology</i> , 2003 , 13, 618-26	6.3	212
144	Lethal giant larvae acts together with numb in notch inhibition and cell fate specification in the <i>Drosophila</i> adult sensory organ precursor lineage. <i>Current Biology</i> , 2003 , 13, 778-83	6.3	48
143	Hippocampal neuronal polarity specified by spatially localized mPar3/mPar6 and PI 3-kinase activity. <i>Cell</i> , 2003 , 112, 63-75	56.2	511
142	Different levels of the homeodomain protein cut regulate distinct dendrite branching patterns of <i>Drosophila</i> multidendritic neurons. <i>Cell</i> , 2003 , 112, 805-18	56.2	250
141	ATP-sensitive potassium channel traffic regulation by adenosine and protein kinase C. <i>Neuron</i> , 2003 , 38, 417-32	13.9	104
140	<i>Drosophila</i> pod-1 crosslinks both actin and microtubules and controls the targeting of axons. <i>Neuron</i> , 2003 , 39, 779-91	13.9	49
139	The control of dendrite development. <i>Neuron</i> , 2003 , 40, 229-42	13.9	267
138	Inactivation of Numb and Numlike in embryonic dorsal forebrain impairs neurogenesis and disrupts cortical morphogenesis. <i>Neuron</i> , 2003 , 40, 1105-18	13.9	167

137	The Drosophila myosin VI Jaguar is required for basal protein targeting and correct spindle orientation in mitotic neuroblasts. <i>Developmental Cell</i> , 2003 , 4, 273-81	10.2	99
136	Contribution of GIRK2-mediated postsynaptic signaling to opiate and alpha 2-adrenergic analgesia and analgesic sex differences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 271-6	11.5	183
135	International Union of Pharmacology. XLI. Compendium of voltage-gated ion channels: potassium channels. <i>Pharmacological Reviews</i> , 2003 , 55, 583-6	22.5	247
134	hamlet, a binary genetic switch between single- and multiple- dendrite neuron morphology. <i>Science</i> , 2002 , 297, 1355-8	33.3	107
133	Probing protein electrostatics with a synthetic fluorescent amino acid. <i>Science</i> , 2002 , 296, 1700-3	33.3	355
132	Diverse trafficking patterns due to multiple traffic motifs in G protein-activated inwardly rectifying potassium channels from brain and heart. <i>Neuron</i> , 2002 , 33, 715-29	13.9	182
131	Tiling of the Drosophila epidermis by multidendritic sensory neurons. <i>Development (Cambridge)</i> , 2002 , 129, 2867-2878	6.6	385
130	Tiling of the Drosophila epidermis by multidendritic sensory neurons. <i>Development (Cambridge)</i> , 2002 , 129, 2867-78	6.6	270
129	Drosophila Stardust interacts with Crumbs to control polarity of epithelia but not neuroblasts. <i>Nature</i> , 2001 , 414, 634-8	50.4	206
128	Probing ion permeation and gating in a K ⁺ channel with backbone mutations in the selectivity filter. <i>Nature Neuroscience</i> , 2001 , 4, 239-46	25.5	115
127	Two types of asymmetric divisions in the Drosophila sensory organ precursor cell lineage. <i>Nature Cell Biology</i> , 2001 , 3, 58-67	23.4	93
126	Adherens junctions inhibit asymmetric division in the Drosophila epithelium. <i>Nature</i> , 2001 , 409, 522-5	50.4	212
125	Asymmetric cell division in the Drosophila nervous system. <i>Nature Reviews Neuroscience</i> , 2001 , 2, 772-9	13.5	120
124	Controlling potassium channel activities: Interplay between the membrane and intracellular factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 11016-23	11.5	69
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