

Yuh Nung Jan

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334
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#	Paper	IF	Citations
334	Interactions between heterologous helix-loop-helix proteins generate complexes that bind specifically to a common DNA sequence. <i>Cell</i> , 1989 , 58, 537-44	56.2	1661
333	Changing subunit composition of heteromeric NMDA receptors during development of rat cortex. <i>Nature</i> , 1994 , 368, 144-7	50.4	1109
332	Primary structure and functional expression of a mouse inward rectifier potassium channel. <i>Nature</i> , 1993 , 362, 127-33	50.4	976
331	A new ER trafficking signal regulates the subunit stoichiometry of plasma membrane K(ATP) channels. <i>Neuron</i> , 1999 , 22, 537-48	13.9	914
330	Clustering of Shaker-type K ⁺ channels by interaction with a family of membrane-associated guanylate kinases. <i>Nature</i> , 1995 , 378, 85-8	50.4	897
329	Expression cloning of TMEM16A as a calcium-activated chloride channel subunit. <i>Cell</i> , 2008 , 134, 1019-29	56.2	893
328	Asymmetric distribution of numb protein during division of the sensory organ precursor cell confers distinct fates to daughter cells. <i>Cell</i> , 1994 , 76, 477-91	56.2	650
327	A trafficking checkpoint controls GABA(B) receptor heterodimerization. <i>Neuron</i> , 2000 , 27, 97-106	13.9	592
326	Control of daughter cell fates during asymmetric division: interaction of Numb and Notch. <i>Neuron</i> , 1996 , 17, 27-41	13.9	583
325	Primary structure and functional expression of a rat G-protein-coupled muscarinic potassium channel. <i>Nature</i> , 1993 , 364, 802-6	50.4	581
324	A protein component of Drosophila polar granules is encoded by vasa and has extensive sequence similarity to ATP-dependent helicases. <i>Cell</i> , 1988 , 55, 577-87	56.2	523
323	Hippocampal neuronal polarity specified by spatially localized mPar3/mPar6 and PI 3-kinase activity. <i>Cell</i> , 2003 , 112, 63-75	56.2	511
322	Branching out: mechanisms of dendritic arborization. <i>Nature Reviews Neuroscience</i> , 2010 , 11, 316-28	13.5	499
321	Alteration of voltage-dependence of Shaker potassium channel by mutations in the S4 sequence. <i>Nature</i> , 1991 , 349, 305-10	50.4	483
320	atonal is a proneural gene that directs chordotonal organ formation in the Drosophila peripheral nervous system. <i>Cell</i> , 1993 , 73, 1307-21	56.2	478
319	Cloned potassium channels from eukaryotes and prokaryotes. <i>Annual Review of Neuroscience</i> , 1997 , 20, 91-123	17	471
318	Multiple potassium-channel components are produced by alternative splicing at the Shaker locus in Drosophila. <i>Nature</i> , 1988 , 331, 137-42	50.4	452

317	Activation of the cloned muscarinic potassium channel by G protein beta gamma subunits. <i>Nature</i> , 1994 , 370, 143-6	50.4	446
316	numb, a gene required in determination of cell fate during sensory organ formation in <i>Drosophila</i> embryos. <i>Cell</i> , 1989 , 58, 349-60	56.2	441
315	Asymmetric segregation of Numb and Prospero during cell division. <i>Nature</i> , 1995 , 377, 624-7	50.4	435
314	Atonal is the proneural gene for <i>Drosophila</i> photoreceptors. <i>Nature</i> , 1994 , 369, 398-400	50.4	432
313	Evidence for the formation of heteromultimeric potassium channels in <i>Xenopus</i> oocytes. <i>Nature</i> , 1990 , 345, 530-4	50.4	427
312	daughterless, a <i>Drosophila</i> gene essential for both neurogenesis and sex determination, has sequence similarities to myc and the achaete-scute complex. <i>Cell</i> , 1988 , 55, 1061-7	56.2	426
311	Asymmetric localization of a mammalian numb homolog during mouse cortical neurogenesis. <i>Neuron</i> , 1996 , 17, 43-53	13.9	420
310	Subcellular segregation of two A-type K ⁺ channel proteins in rat central neurons. <i>Neuron</i> , 1992 , 9, 271-84	13.9	419
309	Differential effects of the Rac GTPase on Purkinje cell axons and dendritic trunks and spines. <i>Nature</i> , 1996 , 379, 837-40	50.4	401
308	HLH proteins, fly neurogenesis, and vertebrate myogenesis. <i>Cell</i> , 1993 , 75, 827-30	56.2	396
307	Tiling of the <i>Drosophila</i> epidermis by multidendritic sensory neurons. <i>Development (Cambridge)</i> , 2002 , 129, 2867-2878	6.6	385
306	frazzled encodes a <i>Drosophila</i> member of the DCC immunoglobulin subfamily and is required for CNS and motor axon guidance. <i>Cell</i> , 1996 , 87, 197-204	56.2	375
305	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
304	Comparing genomic expression patterns across species identifies shared transcriptional profile in aging. <i>Nature Genetics</i> , 2004 , 36, 197-204	36.3	362
303	Probing protein electrostatics with a synthetic fluorescent amino acid. <i>Science</i> , 2002 , 296, 1700-3	33.3	355
302	Expression of functional potassium channels from Shaker cDNA in <i>Xenopus</i> oocytes. <i>Nature</i> , 1988 , 331, 143-5	50.4	346
301	prospero is expressed in neuronal precursors and encodes a nuclear protein that is involved in the control of axonal outgrowth in <i>Drosophila</i> . <i>Cell</i> , 1991 , 67, 941-53	56.2	341
300	Role of inscuteable in orienting asymmetric cell divisions in <i>Drosophila</i> . <i>Nature</i> , 1996 , 383, 50-5	50.4	340

299	Role of ER export signals in controlling surface potassium channel numbers. <i>Science</i> , 2001 , 291, 316-9	33.3	329
298	Role of neurogenic genes in establishment of follicle cell fate and oocyte polarity during oogenesis in <i>Drosophila</i> . <i>Cell</i> , 1991 , 66, 433-49	56.2	325
297	Presynaptic A-current based on heteromultimeric K ⁺ channels detected in vivo. <i>Nature</i> , 1993 , 365, 72-5	50.4	322
296	Light-avoidance-mediating photoreceptors tile the <i>Drosophila</i> larval body wall. <i>Nature</i> , 2010 , 468, 921-6	50.4	320
295	Putative receptor for the cytoplasmic inactivation gate in the Shaker K ⁺ channel. <i>Nature</i> , 1991 , 353, 86-9	50.4	313
294	Voltage-sensitive ion channels. <i>Cell</i> , 1989 , 56, 13-25	56.2	306
293	Peptidergic transmission in sympathetic ganglia of the frog. <i>Journal of Physiology</i> , 1982 , 327, 219-46	3.9	306
292	Local generation of glia is a major astrocyte source in postnatal cortex. <i>Nature</i> , 2012 , 484, 376-80	50.4	303
291	Evidence that direct binding of G beta gamma to the GIRK1 G protein-gated inwardly rectifying K ⁺ channel is important for channel activation. <i>Neuron</i> , 1995 , 15, 1133-43	13.9	298
290	Growing dendrites and axons differ in their reliance on the secretory pathway. <i>Cell</i> , 2007 , 130, 717-29	56.2	293
289	TMEM16F forms a Ca ²⁺ -activated cation channel required for lipid scrambling in platelets during blood coagulation. <i>Cell</i> , 2012 , 151, 111-22	56.2	292
288	Control of rectification and permeation by residues in two distinct domains in an inward rectifier K ⁺ channel. <i>Neuron</i> , 1995 , 14, 1047-54	13.9	285
287	Dacapo, a cyclin-dependent kinase inhibitor, stops cell proliferation during <i>Drosophila</i> development. <i>Cell</i> , 1996 , 87, 1225-35	56.2	282
286	Potassium channels and their evolving gates. <i>Nature</i> , 1994 , 371, 119-22	50.4	277
285	Cloning of a probable potassium channel gene from mouse brain. <i>Nature</i> , 1988 , 332, 837-9	50.4	276
284	Mammalian Par3 regulates progenitor cell asymmetric division via notch signaling in the developing neocortex. <i>Neuron</i> , 2009 , 63, 189-202	13.9	271
283	Tiling of the <i>Drosophila</i> epidermis by multidendritic sensory neurons. <i>Development (Cambridge)</i> , 2002 , 129, 2867-78	6.6	270
282	Progenitor cell maintenance requires numb and numblake during mouse neurogenesis. <i>Nature</i> , 2002 , 419, 929-34	50.4	269

281	Transient posterior localization of a kinesin fusion protein reflects anteroposterior polarity of the <i>Drosophila</i> oocyte. <i>Current Biology</i> , 1994 , 4, 289-300	6.3	269
280	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
279	The control of dendrite development. <i>Neuron</i> , 2003 , 40, 229-42	13.9	267
278	Genes regulating dendritic outgrowth, branching, and routing in <i>Drosophila</i> . <i>Genes and Development</i> , 1999 , 13, 2549-61	12.6	267
277	Asymmetric Numb distribution is critical for asymmetric cell division of mouse cerebral cortical stem cells and neuroblasts. <i>Development (Cambridge)</i> , 2002 , 129, 4843-4853	6.6	264
276	Genome-wide study of aging and oxidative stress response in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 13726-31	11.5	263
275	The <i>Drosophila</i> Numb protein inhibits signaling of the Notch receptor during cell-cell interaction in sensory organ lineage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 11925-32	11.5	262
274	<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
273	Primary structure and expression of a product from cut, a locus involved in specifying sensory organ identity in <i>Drosophila</i> . <i>Nature</i> , 1988 , 333, 629-35	50.4	255
272	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
271	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
270	Positional cloning of heart and soul reveals multiple roles for PKC lambda in zebrafish organogenesis. <i>Current Biology</i> , 2001 , 11, 1492-502	6.3	247
269	A superfamily of ion channels. <i>Nature</i> , 1990 , 345, 672	50.4	246
268	Miranda is required for the asymmetric localization of Prospero during mitosis in <i>Drosophila</i> . <i>Cell</i> , 1997 , 90, 449-58	56.2	244
267	Asymmetric cell division. <i>Nature</i> , 1998 , 392, 775-8	50.4	243
266	Transformation of sensory organs by mutations of the cut locus of <i>D. melanogaster</i> . <i>Cell</i> , 1987 , 51, 293-307	30.2	242
265	Functional effects of the mouse weaver mutation on G protein-gated inwardly rectifying K ⁺ channels. <i>Neuron</i> , 1996 , 16, 321-31	13.9	241
264	<i>Drosophila</i> NOMPC is a mechanotransduction channel subunit for gentle-touch sensation. <i>Nature</i> , 2013 , 493, 221-5	50.4	240

263	Xath5 participates in a network of bHLH genes in the developing <i>Xenopus</i> retina. <i>Neuron</i> , 1997 , 19, 981-994	24.9	239
262	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
261	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
260	Neurogenesis of the peripheral nervous system in <i>Drosophila</i> embryos: DNA replication patterns and cell lineages. <i>Neuron</i> , 1989 , 3, 21-32	13.9	229
259	M channel KCNQ2 subunits are localized to key sites for control of neuronal network oscillations and synchronization in mouse brain. <i>Journal of Neuroscience</i> , 2001 , 21, 9529-40	6.6	228
258	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
257	Tracing the roots of ion channels. <i>Cell</i> , 1992 , 69, 715-8	56.2	224
256	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
255	Heteromultimerization of G-protein-gated inwardly rectifying K+ channel proteins GIRK1 and GIRK2 and their altered expression in weaver brain. <i>Journal of Neuroscience</i> , 1996 , 16, 7137-50	6.6	220
254	Activity- and mTOR-dependent suppression of Kv1.1 channel mRNA translation in dendrites. <i>Science</i> , 2006 , 314, 144-8	33.3	216
253	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
252	Determination of the subunit stoichiometry of an inwardly rectifying potassium channel. <i>Neuron</i> , 1995 , 15, 1441-7	13.9	214
251	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
250	Adherens junctions inhibit asymmetric division in the <i>Drosophila</i> epithelium. <i>Nature</i> , 2001 , 409, 522-5	50.4	212
249	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
248	Mechanisms that regulate establishment, maintenance, and remodeling of dendritic fields. <i>Annual Review of Neuroscience</i> , 2007 , 30, 399-423	17	210
247	<i>Drosophila</i> Stardust interacts with Crumbs to control polarity of epithelia but not neuroblasts. <i>Nature</i> , 2001 , 414, 634-8	50.4	206
246	PAR-1 is a Dishevelled-associated kinase and a positive regulator of Wnt signalling. <i>Nature Cell Biology</i> , 2001 , 3, 628-36	23.4	206

245	Drosophila sensory neurons require Dscam for dendritic self-avoidance and proper dendritic field organization. <i>Neuron</i> , 2007 , 54, 403-16	13.9	205
244	Characterization of a mammalian cDNA for an inactivating voltage-sensitive K ⁺ channel. <i>Neuron</i> , 1991 , 7, 471-83	13.9	196
243	Asymmetric cell division. <i>Current Opinion in Cell Biology</i> , 2004 , 16, 195-205	9	195
242	Morphological differentiation of the embryonic peripheral neurons in Drosophila. <i>Roux's Archives of Developmental Biology</i> , 1987 , 196, 69-77		193
241	Control of dendritic branching and tiling by the Tricornered-kinase/Furry signaling pathway in Drosophila sensory neurons. <i>Cell</i> , 2004 , 119, 245-56	56.2	190
240	Nanos and Pumilio are essential for dendrite morphogenesis in Drosophila peripheral neurons. <i>Current Biology</i> , 2004 , 14, 314-21	6.3	183
239	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
238	Cryo-EM structures of the TMEM16A calcium-activated chloride channel. <i>Nature</i> , 2017 , 552, 426-429	50.4	178
237	Drosophila let-7 microRNA is required for remodeling of the neuromusculature during metamorphosis. <i>Genes and Development</i> , 2008 , 22, 1591-6	12.6	177
236	Differential expression of K ⁺ channel mRNAs in the rat brain and down-regulation in the hippocampus following seizures. <i>Neuron</i> , 1992 , 8, 1055-67	13.9	175
235	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
234	Partner of Numb colocalizes with Numb during mitosis and directs Numb asymmetric localization in Drosophila neural and muscle progenitors. <i>Cell</i> , 1998 , 95, 225-35	56.2	174
233	How might the diversity of potassium channels be generated?. <i>Trends in Neurosciences</i> , 1990 , 13, 415-9	13.3	174
232	Rho family GTP-binding proteins in growth cone signalling. <i>Current Opinion in Neurobiology</i> , 1997 , 7, 81-6	6.6	173
231	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
230	CDC42 and Rac1 control different actin-dependent processes in the Drosophila wing disc epithelium. <i>Journal of Cell Biology</i> , 1995 , 131, 151-64	7.3	172
229	Evidence that the S6 segment of the Shaker voltage-gated K ⁺ channel comprises part of the pore. <i>Nature</i> , 1994 , 367, 179-82	50.4	171
228	Dendrite-specific remodeling of Drosophila 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

227	Colocalization and coassembly of two human brain M-type potassium channel subunits that are mutated in epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 4914-9	11.5	168
226	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
225	Mouse numb is an essential gene involved in cortical neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 6844-9	11.5	167
224	Voltage-gated and inwardly rectifying potassium channels. <i>Journal of Physiology</i> , 1997 , 505 (Pt 2), 267-83,9	13.9	165
223	Control of dendritic field formation in Drosophila: the roles of flamingo and competition between homologous neurons. <i>Neuron</i> , 2000 , 28, 91-101	13.9	164
222	The tumour suppressor Hippo acts with the NDR kinases in dendritic tiling and maintenance. <i>Nature</i> , 2006 , 443, 210-3	50.4	163
221	Function of GB1 and GB2 subunits in G protein coupling of GABA(B) receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 14649-54	11.5	163
220	Four cDNA clones from the Shaker locus of Drosophila induce kinetically distinct A-type potassium currents in Xenopus oocytes. <i>Neuron</i> , 1988 , 1, 659-67	13.9	162
219	The germ cell-less gene product: a posteriorly localized component necessary for germ cell development in Drosophila. <i>Cell</i> , 1992 , 70, 569-84	56.2	161
218	The role of the TRP channel NompC in Drosophila larval and adult locomotion. <i>Neuron</i> , 2010 , 67, 373-80	13.9	160
217	Tetralogy of fallot and other congenital heart defects in Hey2 mutant mice. <i>Current Biology</i> , 2002 , 12, 1605-10	6.3	159
216	The polar T1 interface is linked to conformational changes that open the voltage-gated potassium channel. <i>Cell</i> , 2000 , 102, 657-70	56.2	159
215	Maggot's hair and bug's eye: role of cell interactions and intrinsic factors in cell fate specification. <i>Neuron</i> , 1995 , 14, 1-5	13.9	157
214	Genome-wide analyses identify transcription factors required for proper morphogenesis of Drosophila sensory neuron dendrites. <i>Genes and Development</i> , 2006 , 20, 820-35	12.6	156
213	Assembly of voltage-gated potassium channels. Conserved hydrophilic motifs determine subfamily-specific interactions between the alpha-subunits. <i>Journal of Biological Chemistry</i> , 1995 , 270, 24761-8	5.4	153
212	Activity of the mitochondrial calcium uniporter varies greatly between tissues. <i>Nature Communications</i> , 2012 , 3, 1317	17.4	152
211	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
210	Analysis of endoplasmic reticulum trafficking signals by combinatorial screening in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 2431-6	11.5	146

209	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
208	Rapamycin ameliorates age-dependent obesity associated with increased mTOR signaling in hypothalamic POMC neurons. <i>Neuron</i> , 2012 , 75, 425-36	13.9	143
207	Molecular basis for K(ATP) assembly: transmembrane interactions mediate association of a K ⁺ channel with an ABC transporter. <i>Neuron</i> , 2000 , 26, 155-67	13.9	143
206	Transmembrane structure of an inwardly rectifying potassium channel. <i>Cell</i> , 1999 , 96, 879-91	56.2	141
205	Regions responsible for the assembly of inwardly rectifying potassium channels. <i>Cell</i> , 1996 , 87, 857-68	56.2	141
204	Genetic control of cell fate specification in Drosophila peripheral nervous system. <i>Annual Review of Genetics</i> , 1994 , 28, 373-93	14.5	140
203	Spatially localized rhomboid is required for establishment of the dorsal-ventral axis in Drosophila oogenesis. <i>Cell</i> , 1993 , 73, 953-65	56.2	139
202	Electron cryo-microscopy structure of the mechanotransduction channel NOMPC. <i>Nature</i> , 2017 , 547, 118-122	50.4	138
201	Voltage-gated potassium channels and the diversity of electrical signalling. <i>Journal of Physiology</i> , 2012 , 590, 2591-9	3.9	138
200	Sensory neurons and peripheral pathways in Drosophila embryos. <i>Roux's Archives of Developmental Biology</i> , 1986 , 195, 281-289		138
199	Drosophila neuroblast asymmetric cell division: recent advances and implications for stem cell biology. <i>Neuron</i> , 2006 , 51, 13-20	13.9	136
198	Ankyrin Repeats Convey Force to Gate the NOMPC Mechanotransduction Channel. <i>Cell</i> , 2015 , 162, 1391-403	56.2	134
197	A conserved domain in axonal targeting of Kv1 (Shaker) voltage-gated potassium channels. <i>Science</i> , 2003 , 301, 646-9	33.3	132
196	The microRNA bantam functions in epithelial cells to regulate scaling growth of dendrite arbors in drosophila sensory neurons. <i>Neuron</i> , 2009 , 63, 788-802	13.9	130
195	Peripheral multidendritic sensory neurons are necessary for rhythmic locomotion behavior in Drosophila larvae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 5199-204	11.5	129
194	The ubiquitin ligase Drosophila Mind bomb promotes Notch signaling by regulating the localization and activity of Serrate and Delta. <i>Development (Cambridge)</i> , 2005 , 132, 2319-32	6.6	128
193	Common molecular pathways mediate long-term potentiation of synaptic excitation and slow synaptic inhibition. <i>Cell</i> , 2005 , 123, 105-18	56.2	126
192	Drosophila par-1 is required for oocyte differentiation and microtubule organization. <i>Current Biology</i> , 2001 , 11, 75-87	6.3	126

191	An improved monomeric infrared fluorescent protein for neuronal and tumour brain imaging. <i>Nature Communications</i> , 2014 , 5, 3626	17.4	124
190	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
189	Presynaptic localization of Kv1.4-containing A-type potassium channels near excitatory synapses in the hippocampus. <i>Journal of Neuroscience</i> , 1998 , 18, 965-74	6.6	121
188	deadpan, an essential pan-neural gene encoding an HLH protein, acts as a denominator in Drosophila sex determination. <i>Cell</i> , 1992 , 70, 911-22	56.2	121
187	Genes required for specifying cell fates in Drosophila embryonic sensory nervous system. <i>Trends in Neurosciences</i> , 1990 , 13, 493-8	13.3	121
186	Asymmetric cell division in the Drosophila nervous system. <i>Nature Reviews Neuroscience</i> , 2001 , 2, 772-9	13.5	120
185	Yeast screen for constitutively active mutant G protein-activated potassium channels. <i>Neuron</i> , 2001 , 29, 657-67	13.9	119
184	The S4-S5 loop contributes to the ion-selective pore of potassium channels. <i>Neuron</i> , 1993 , 11, 739-49	13.9	119
183	Binding of the G protein betagamma subunit to multiple regions of G protein-gated inward-rectifying K ⁺ channels. <i>FEBS Letters</i> , 1997 , 405, 291-8	3.8	115
182	Evidence that the nucleotide exchange and hydrolysis cycle of G proteins causes acute desensitization of G-protein gated inward rectifier K ⁺ channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 11727-32	11.5	114
181	A new factor related to TATA-binding protein has highly restricted expression patterns in Drosophila. <i>Nature</i> , 1993 , 361, 557-61	50.4	114
180	Calcium-activated chloride channels (CaCCs) regulate action potential and synaptic response in hippocampal neurons. <i>Neuron</i> , 2012 , 74, 179-92	13.9	113
179	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
178	Control of cell divisions in the nervous system: symmetry and asymmetry. <i>Annual Review of Neuroscience</i> , 2000 , 23, 531-56	17	112
177	Neuronal type information encoded in the basic-helix-loop-helix domain of proneural genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 13239-44	11.5	112
176	Identification of structural elements involved in G protein gating of the GIRK1 potassium channel. <i>Neuron</i> , 1995 , 15, 1145-56	13.9	111
175	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
174	Peptidergic transmitters in synaptic boutons of sympathetic ganglia. <i>Nature</i> , 1980 , 288, 380-2	50.4	109

173	Studying <i>Drosophila</i> embryogenesis with P-lacZ enhancer trap lines. <i>Roux's Archives of Developmental Biology</i> , 1992 , 201, 194-220		108
172	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
171	hamlet, a binary genetic switch between single- and multiple- dendrite neuron morphology. <i>Science</i> , 2002 , 297, 1355-8	33.3	107
170	Regeneration of <i>Drosophila</i> 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
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