

# Michel Lazdunski

## List of Publications by Citations

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382  
papers

35,214  
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100  
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168  
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386  
ext. papers

36,989  
ext. citations

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L-index

#	Paper	IF	Citations
382	K(V)LQT1 and Isk (minK) proteins associate to form the I(Ks) cardiac potassium current. <i>Nature</i> , <b>1996</b> , 384, 78-80	50.4	1389
381	A proton-gated cation channel involved in acid-sensing. <i>Nature</i> , <b>1997</b> , 386, 173-7	50.4	1111
380	Altered chloride ion channel kinetics associated with the delta F508 cystic fibrosis mutation. <i>Nature</i> , <b>1991</b> , 354, 526-8	50.4	600
379	Inhalational anesthetics activate two-pore-domain background K <sup>+</sup> channels. <i>Nature Neuroscience</i> , <b>1999</b> , 2, 422-6	25.5	545
378	H(+)-gated cation channels: neuronal acid sensors in the NaC/DEG family of ion channels. <i>Current Opinion in Neurobiology</i> , <b>1998</b> , 8, 418-24	7.6	458
377	Molecular and functional properties of two-pore-domain potassium channels. <i>American Journal of Physiology - Renal Physiology</i> , <b>2000</b> , 279, F793-801	4.3	450
376	Molecular cloning of a non-inactivating proton-gated Na <sup>+</sup> channel specific for sensory neurons. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 20975-8	5.4	440
375	Nonsteroid anti-inflammatory drugs inhibit both the activity and the inflammation-induced expression of acid-sensing ion channels in nociceptors. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 8026-33	6.6	420
374	A modulatory subunit of acid sensing ion channels in brain and dorsal root ganglion cells. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 29778-83	5.4	411
373	Isolation of a tarantula toxin specific for a class of proton-gated Na <sup>+</sup> channels. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 25116-21	5.4	356
372	Cloning of the amiloride-sensitive FMRFamide peptide-gated sodium channel. <i>Nature</i> , <b>1995</b> , 378, 730-3	50.4	355
371	Inner ear defects induced by null mutation of the isk gene. <i>Neuron</i> , <b>1996</b> , 17, 1251-64	13.9	349
370	Calcium channels: molecular pharmacology, structure and regulation. <i>Journal of Membrane Biology</i> , <b>1988</b> , 104, 81-105	2.3	333
369	TREK-1, a K <sup>+</sup> channel involved in polymodal pain perception. <i>EMBO Journal</i> , <b>2006</b> , 25, 2368-76	13	323
368	Mechano- or acid stimulation, two interactive modes of activation of the TREK-1 potassium channel. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 26691-6	5.4	322
367	Molecular mechanism of action of the vasoconstrictor peptide endothelin. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 157, 977-85	3.4	306
366	ASIC3, a sensor of acidic and primary inflammatory pain. <i>EMBO Journal</i> , <b>2008</b> , 27, 3047-55	13	298

365	A new sea anemone peptide, APETx2, inhibits ASIC3, a major acid-sensitive channel in sensory neurons. <i>EMBO Journal</i> , <b>2004</b> , 23, 1516-25	13	296
364	Deletion of the background potassium channel TREK-1 results in a depression-resistant phenotype. <i>Nature Neuroscience</i> , <b>2006</b> , 9, 1134-41	25.5	295
363	Expression cloning of an epithelial amiloride-sensitive Na <sup>+</sup> channel. A new channel type with homologies to <i>Caenorhabditis elegans</i> degenerins. <i>FEBS Letters</i> , <b>1993</b> , 318, 95-9	3.8	295
362	Cloning and expression of a novel pH-sensitive two pore domain K <sup>+</sup> channel from human kidney. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 30863-9	5.4	292
361	Proinflammatory mediators, stimulators of sensory neuron excitability via the expression of acid-sensing ion channels. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 10662-70	6.6	288
360	Black mamba venom peptides target acid-sensing ion channels to abolish pain. <i>Nature</i> , <b>2012</b> , 490, 552-5	50.4	283
359	Lysophospholipids open the two-pore domain mechano-gated K(+) channels TREK-1 and TRAAK. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 10128-33	5.4	279
358	Interfacial kinetic and binding properties of the complete set of human and mouse groups I, II, V, X, and XII secreted phospholipases A2. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 48535-49	5.4	272
357	The mechano-activated K <sup>+</sup> channels TRAAK and TREK-1 control both warm and cold perception. <i>EMBO Journal</i> , <b>2009</b> , 28, 1308-18	13	270
356	TRAAK is a mammalian neuronal mechano-gated K <sup>+</sup> channel. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 1381-7	5.4	269
355	The mammalian degenerin MDEG, an amiloride-sensitive cation channel activated by mutations causing neurodegeneration in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 10433-6	5.4	265
354	Cerebral glucose utilization after administration of apamin, a toxin active on Ca <sup>2+</sup> -dependent K <sup>+</sup> channels. <i>Brain Research</i> , <b>1988</b> , 451, 274-84	3.7	265
353	The regulation of the intracellular pH in cells from vertebrates. <i>FEBS Journal</i> , <b>1988</b> , 174, 3-14		263
352	Ciguatoxin and brevetoxins share a common receptor site on the neuronal voltage-dependent Na <sup>+</sup> channel. <i>FEBS Letters</i> , <b>1987</b> , 219, 355-9	3.8	258
351	Oxaliplatin-induced cold hypersensitivity is due to remodelling of ion channel expression in nociceptors. <i>EMBO Molecular Medicine</i> , <b>2011</b> , 3, 266-78	12	256
350	Cloning provides evidence for a family of inward rectifier and G-protein coupled K <sup>+</sup> channels in the brain. <i>FEBS Letters</i> , <b>1994</b> , 353, 37-42	3.8	252
349	Lipid and mechano-gated 2P domain K(+) channels. <i>Current Opinion in Cell Biology</i> , <b>2001</b> , 13, 422-8	9	250
348	Human TREK2, a 2P domain mechano-sensitive K <sup>+</sup> channel with multiple regulations by polyunsaturated fatty acids, lysophospholipids, and Gs, Gi, and Gq protein-coupled receptors. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 28398-405	5.4	246

347	Activation of the nuclear factor-kappaB is a key event in brain tolerance. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 4668-77	6.6	244
346	Trypsin-pancreatic trypsin inhibitor association. Dynamics of the interaction and role of disulfide bridges. <i>Biochemistry</i> , <b>1972</b> , 11, 2967-77	3.2	241
345	Molecular cloning and functional expression of a novel amiloride-sensitive Na <sup>+</sup> channel. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 27411-4	5.4	233
344	Antidiabetic sulfonylureas: localization of binding sites in the brain and effects on the hyperpolarization induced by anoxia in hippocampal slices. <i>Brain Research</i> , <b>1989</b> , 486, 159-64	3.7	216
343	Cloning, chromosomal mapping, and expression of a novel human secretory phospholipase A2. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 15745-52	5.4	215
342	Molecular properties of neuronal G-protein-activated inwardly rectifying K <sup>+</sup> channels. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 28660-7	5.4	214
341	A tarantula peptide against pain via ASIC1a channels and opioid mechanisms. <i>Nature Neuroscience</i> , <b>2007</b> , 10, 943-5	25.5	211
340	A phospholipid sensor controls mechanogating of the K <sup>+</sup> channel TREK-1. <i>EMBO Journal</i> , <b>2005</b> , 24, 44-53	13	192
339	Localization and regulation by steroids of the alpha, beta and gamma subunits of the amiloride-sensitive Na <sup>+</sup> channel in colon, lung and kidney. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1995</b> , 430, 299-307	4.6	188
338	The acid-sensitive ionic channel subunit ASIC and the mammalian degenerin MDEG form a heteromultimeric H <sup>+</sup> -gated Na <sup>+</sup> channel with novel properties. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 28819-22	5.4	182
337	H(+)-gated cation channels. <i>Annals of the New York Academy of Sciences</i> , <b>1999</b> , 868, 67-76	6.5	181
336	ASIC-like, proton-activated currents in rat hippocampal neurons. <i>Journal of Physiology</i> , <b>2002</b> , 539, 485-94	9.9	174
335	The coexistence in rat muscle cells of two distinct classes of Ca <sup>2+</sup> -dependent K <sup>+</sup> channels with different pharmacological properties and different physiological functions. <i>Biochemical and Biophysical Research Communications</i> , <b>1984</b> , 118, 669-74	3.4	172
334	An intracellular proton sensor commands lipid- and mechano-gating of the K(+) channel TREK-1. <i>EMBO Journal</i> , <b>2002</b> , 21, 2968-76	13	168
333	Intestinal alkaline phosphatase. Physical properties and quaternary structure. <i>Biochemistry</i> , <b>1974</b> , 13, 1783-8	3.2	166
332	New modulatory alpha subunits for mammalian Shab K <sup>+</sup> channels. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 24371-9	5.4	164
331	Mechanisms underlying excitatory effects of group I metabotropic glutamate receptors via inhibition of 2P domain K <sup>+</sup> channels. <i>EMBO Journal</i> , <b>2003</b> , 22, 5403-11	13	161
330	Kalicludines and kaliseptine. Two different classes of sea anemone toxins for voltage sensitive K <sup>+</sup> channels. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 25121-6	5.4	159

329	Zn <sup>2+</sup> and H <sup>+</sup> are coactivators of acid-sensing ion channels. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 35361-7	5.4	158
328	K <sup>+</sup> -dependent cerebellar granule neuron apoptosis. Role of task leak K <sup>+</sup> channels. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 32068-76	5.4	157
327	Ethylisopropyl-amiloride: a new and highly potent derivative of amiloride for the inhibition of the Na <sup>+</sup> /H <sup>+</sup> exchange system in various cell types. <i>Biochemical and Biophysical Research Communications</i> , <b>1983</b> , 116, 86-90	3.4	155
326	Novel tarantula toxins for subtypes of voltage-dependent potassium channels in the Kv2 and Kv4 subfamilies. <i>Molecular Pharmacology</i> , <b>2002</b> , 62, 48-57	4.3	153
325	The human 180-kDa receptor for secretory phospholipases A <sub>2</sub> . Molecular cloning, identification of a secreted soluble form, expression, and chromosomal localization. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 8963-70	5.4	152
324	Sea anemone peptides with a specific blocking activity against the fast inactivating potassium channel Kv3.4. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 6744-9	5.4	149
323	Flip-flop mechanisms in enzymology. A model: the alkaline phosphatase of Escherichia coli. <i>FEBS Journal</i> , <b>1971</b> , 20, 124-39		148
322	On the diversity of secreted phospholipases A <sub>2</sub> . Cloning, tissue distribution, and functional expression of two novel mouse group II enzymes. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 31195-202	5.4	147
321	Genomic and functional characteristics of novel human pancreatic 2P domain K <sup>(+)</sup> channels. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 282, 249-56	3.4	144
320	[ <sup>3</sup> H]TCP: a new tool with high affinity for the PCP receptor in rat brain. <i>Brain Research</i> , <b>1983</b> , 280, 194-7	3.7	141
319	Novel human secreted phospholipase A <sub>2</sub> with homology to the group III bee venom enzyme. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 7492-6	5.4	137
318	Sulfonylurea binding sites associated with ATP-regulated K <sup>+</sup> channels in the central nervous system: autoradiographic analysis of their distribution and ontogenesis, and of their localization in mutant mice cerebellum. <i>Brain Research</i> , <b>1990</b> , 519, 29-43	3.7	137
317	Four novel tarantula toxins as selective modulators of voltage-gated sodium channel subtypes. <i>Molecular Pharmacology</i> , <b>2006</b> , 69, 419-29	4.3	132
316	The protein IsK is a dual activator of K <sup>+</sup> and Cl <sup>-</sup> channels. <i>Nature</i> , <b>1993</b> , 365, 850-2	5.0.4	131
315	Cloning and recombinant expression of a structurally novel human secreted phospholipase A <sub>2</sub> . <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 39823-6	5.4	130
314	Purification and pharmacological properties of eight sea anemone toxins from <i>Anemonia sulcata</i> , <i>Anthopleura xanthogrammica</i> , <i>Stoichactis giganteus</i> , and <i>Actinodendron plumosum</i> . <i>Biochemistry</i> , <b>1981</b> , 20, 5245-52	3.2	130
313	Purification of the dihydropyridine receptor of the voltage-dependent Ca <sup>2+</sup> channel from skeletal muscle transverse tubules using (+) [ <sup>3</sup> H]PN 200-110. <i>Biochemical and Biophysical Research Communications</i> , <b>1984</b> , 122, 1357-66	3.4	128
312	Acid-sensing ion channels in postoperative pain. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 6059-66	6.6	127

311	Effects of phrixotoxins on the Kv4 family of potassium channels and implications for the role of Ito1 in cardiac electrogenesis. <i>British Journal of Pharmacology</i> , <b>1999</b> , 126, 251-63	8.6	126
310	Transmembrane ionic transport systems and hypertension. <i>American Journal of Medicine</i> , <b>1988</b> , 84, 3-9	2.4	124
309	A TREK-1-like potassium channel in atrial cells inhibited by beta-adrenergic stimulation and activated by volatile anesthetics. <i>Circulation Research</i> , <b>2001</b> , 89, 336-42	15.7	122
308	Involvement of Isk-associated K <sup>+</sup> channel in heart rate control of repolarization in a murine engineered model of Jervell and Lange-Nielsen syndrome. <i>Circulation Research</i> , <b>1998</b> , 83, 95-102	15.7	120
307	Intestinal alkaline phosphatase. Catalytic properties and half of the sites reactivity. <i>Biochemistry</i> , <b>1974</b> , 13, 1788-95	3.2	120
306	Calcium channel inhibitors that bind to plant cell membranes block calcium entry into protoplasts. <i>Biochemistry</i> , <b>1988</b> , 27, 764-768	3.2	118
305	How nerve growth factor drives physiological and inflammatory expressions of acid-sensing ion channel 3 in sensory neurons. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 48907-13	5.4	117
304	The 2P-domain K <sup>+</sup> channels: role in apoptosis and tumorigenesis. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2004</b> , 448, 261-73	4.6	117
303	Genetic analysis of the beta subunit of the epithelial Na <sup>+</sup> channel in essential hypertension. <i>Hypertension</i> , <b>1998</b> , 32, 129-37	8.5	115
302	p11, an annexin II subunit, an auxiliary protein associated with the background K <sup>+</sup> channel, TASK-1. <i>EMBO Journal</i> , <b>2002</b> , 21, 4439-48	13	114
301	Both group IB and group IIA secreted phospholipases A2 are natural ligands of the mouse 180-kDa M-type receptor. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 7043-51	5.4	114
300	Mutually protective actions of kainic acid epileptic preconditioning and sublethal global ischemia on hippocampal neuronal death: involvement of adenosine A1 receptors and K(ATP) channels. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1999</b> , 19, 1296-308	7.3	114
299	Expression of apamin receptor in muscles of patients with myotonic muscular dystrophy. <i>Nature</i> , <b>1986</b> , 319, 678-80	50.4	113
298	The antidiabetic sulfonylurea glibenclamide is a potent blocker of the ATP-modulated K <sup>+</sup> channel in insulin secreting cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1987</b> , 146, 21-5	3.4	112
297	The KCNQ2 potassium channel: splice variants, functional and developmental expression. Brain localization and comparison with KCNQ3. <i>FEBS Letters</i> , <b>1998</b> , 438, 171-6	3.8	111
296	Cross-talk between the mechano-gated K2P channel TREK-1 and the actin cytoskeleton. <i>EMBO Reports</i> , <b>2005</b> , 6, 642-8	6.5	110
295	Extracellular acidification exerts opposite actions on TREK1 and TREK2 potassium channels via a single conserved histidine residue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 14628-33	11.5	109
294	Polyunsaturated fatty acids are cerebral vasodilators via the TREK-1 potassium channel. <i>Circulation Research</i> , <b>2007</b> , 101, 176-84	15.7	107

293	Structure-function relationship in the binding of snake neurotoxins to the torpedo membrane receptor. <i>Biochemistry</i> , <b>1975</b> , 14, 2081-91	3.2	106
292	Secreted phospholipases A(2), a new class of HIV inhibitors that block virus entry into host cells. <i>Journal of Clinical Investigation</i> , <b>1999</b> , 104, 611-8	15.9	104
291	Effect of apamin, a toxin that inhibits Ca(2+)-dependent K <sup>+</sup> channels, on learning and memory processes. <i>Brain Research</i> , <b>1991</b> , 551, 322-6	3.7	104
290	Molecular mechanism and functional significance of the MinK control of the KvLQT1 channel activity. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 16713-6	5.4	103
289	APETx1, a new toxin from the sea anemone <i>Anthopleura elegantissima</i> , blocks voltage-gated human ether-a-go-go-related gene potassium channels. <i>Molecular Pharmacology</i> , <b>2003</b> , 64, 59-69	4.3	102
288	Functional degenerin-containing chimeras identify residues essential for amiloride-sensitive Na <sup>+</sup> channel function. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 11735-7	5.4	102
287	Identification, functional expression and chromosomal localisation of a sustained human proton-gated cation channel. <i>FEBS Letters</i> , <b>1998</b> , 433, 257-60	3.8	101
286	Structural elements of secretory phospholipases A2 involved in the binding to M-type receptors. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 5534-40	5.4	101
285	Cloning of a new mouse two-P domain channel subunit and a human homologue with a unique pore structure. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 11751-60	5.4	100
284	Increase of sodium channels in demyelinated lesions of multiple sclerosis. <i>Brain Research</i> , <b>1991</b> , 556, 311-6	3.7	100
283	Constitution and properties of axonal membranes of crustacean nerves. <i>Biochemistry</i> , <b>1975</b> , 14, 5500-11	3.2	100
282	Endocytic properties of the M-type 180-kDa receptor for secretory phospholipases A2. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 250-7	5.4	99
281	The structure, function and distribution of the mouse TWIK-1 K <sup>+</sup> channel. <i>FEBS Letters</i> , <b>1997</b> , 402, 28-32	3.8	99
280	FMRamide-gated sodium channel and ASIC channels: a new class of ionotropic receptors for FMRamide and related peptides. <i>Peptides</i> , <b>2006</b> , 27, 1138-52	3.8	98
279	Cloning and recombinant expression of a novel mouse-secreted phospholipase A2. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 19152-60	5.4	98
278	Knockout of the ASIC2 channel in mice does not impair cutaneous mechanosensation, visceral mechanonociception and hearing. <i>Journal of Physiology</i> , <b>2004</b> , 558, 659-69	3.9	97
277	Structure-function relationships and site of action of apamin, a neurotoxic polypeptide of bee venom with an action on the central nervous system. <i>Biochemistry</i> , <b>1975</b> , 14, 2521-5	3.2	97
276	Protein kinase C stimulates the acid-sensing ion channel ASIC2a via the PDZ domain-containing protein PICK1. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 50463-8	5.4	96

275	Expression of group II phospholipase A2 in rat brain after severe forebrain ischemia and in endotoxic shock. <i>Brain Research</i> , <b>1994</b> , 651, 353-6	3.7	96
274	Immunochemical analysis of subunit structures of 1,4-dihydropyridine receptors associated with voltage-dependent Ca <sup>2+</sup> channels in skeletal, cardiac, and smooth muscles. <i>Biochemistry</i> , <b>1986</b> , 25, 3492-352		96
273	Role of the TREK2 potassium channel in cold and warm thermosensation and in pain perception. <i>Pain</i> , <b>2014</b> , 155, 2534-2544	8	95
272	Novel mammalian group XII secreted phospholipase A2 lacking enzymatic activity. <i>Biochemistry</i> , <b>2003</b> , 42, 11494-503	3.2	93
271	The Phe-Met-Arg-Phe-amide-activated sodium channel is a tetramer. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 8317-22	5.4	93
270	Acid-sensing ion channel 2 is important for retinal function and protects against light-induced retinal degeneration. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 1005-12	6.6	92
269	Recombinant production and solution structure of PcTx1, the specific peptide inhibitor of ASIC1a proton-gated cation channels. <i>Protein Science</i> , <b>2003</b> , 12, 1332-43	6.3	92
268	TWIK-2, an inactivating 2P domain K <sup>+</sup> channel. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 28722-30	5.4	92
267	The inotropic effect of endothelin-1 on rat atria involves hydrolysis of phosphatidylinositol. <i>FEBS Letters</i> , <b>1989</b> , 249, 143-6	3.8	92
266	Cloning and expression of human TRAAK, a polyunsaturated fatty acids-activated and mechano-sensitive K(+) channel. <i>FEBS Letters</i> , <b>2000</b> , 471, 137-40	3.8	91
265	Molecular properties of amiloride action and of its Na <sup>+</sup> transporting targets. <i>Kidney International</i> , <b>1987</b> , 32, 785-93	9.9	91
264	Linolenic acid prevents neuronal cell death and paraplegia after transient spinal cord ischemia in rats. <i>Journal of Vascular Surgery</i> , <b>2003</b> , 38, 564-75	3.5	90
263	Characterization, solubilization, affinity labeling and purification of the cardiac Na <sup>+</sup> channel using Tityus toxin gamma. <i>FEBS Journal</i> , <b>1984</b> , 141, 651-60		90
262	Acid sensing ion channels in dorsal spinal cord neurons. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 1498-508	6.6	89
261	Dendrotoxin-binding brain membrane protein displays a K <sup>+</sup> channel activity that is stimulated by both cAMP-dependent and endogenous phosphorylations. <i>Biochemistry</i> , <b>1989</b> , 28, 6455-60	3.2	89
260	AKAP150, a switch to convert mechano-, pH- and arachidonic acid-sensitive TREK K(+) channels into open leak channels. <i>EMBO Journal</i> , <b>2006</b> , 25, 5864-72	13	88
259	Apamin, a neurotoxin specific for one class of Ca <sup>2+</sup> -dependent K <sup>+</sup> channels. <i>Cell Calcium</i> , <b>1983</b> , 4, 421-8	4	86
258	(Na <sup>+</sup> , K <sup>+</sup> )-activated adenosinetriphosphatase of axonal membranes, cooperativity and control. Steady-state analysis. <i>FEBS Journal</i> , <b>1976</b> , 65, 293-306		86



257	Mutations causing neurodegeneration in <i>Caenorhabditis elegans</i> drastically alter the pH sensitivity and inactivation of the mammalian H <sup>+</sup> -gated Na <sup>+</sup> channel MDEG1. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 15418-22	5.4	85
256	A pH-sensitive yeast outward rectifier K <sup>+</sup> channel with two pore domains and novel gating properties. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 4183-7	5.4	85
255	A new K <sup>+</sup> channel beta subunit to specifically enhance Kv2.2 (CDRK) expression. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 26341-8	5.4	85
254	Pyrethroid receptor in the insect sodium channel: alteration of its properties in pyrethroid-resistant flies. <i>Biochemistry</i> , <b>1989</b> , 28, 1673-1677	3.2	85
253	Photoaffinity labelling and phosphorylation of a 165 kilodalton peptide associated with dihydropyridine and phenylalkylamine-sensitive calcium channels. <i>Biochemical and Biophysical Research Communications</i> , <b>1987</b> , 147, 1137-45	3.4	85
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