Michel Lazdunski

List of Publications by Year in Descending Order

382 papers	35,214 citations	100 h-index	168 g-index
386 ext. papers	36,989 ext. citations	6.3 avg, IF	6.72 L-index

#	Paper	IF	Citations
382	Targeting the TREK-1 potassium channel via riluzole to eliminate the neuropathic and depressive-like effects of oxaliplatin. *Neuropharmacology*, **2018**, 140, 43-61	5.5	38
381	Acute and long-term cardioprotective effects of the Traditional Chinese Medicine MLC901 against myocardial ischemia-reperfusion injury in mice. *Scientific Reports*, **2017**, 7, 14701	4.9	13
380	MLC901 Favors Angiogenesis and Associated Recovery after Ischemic Stroke in Mice. *Cerebrovascular Diseases*, **2016**, 42, 139-54	3.2	21
379	Role of the TREK2 potassium channel in cold and warm thermosensation and in pain perception. *Pain*, **2014**, 155, 2534-2544	8	95
378	Activation of TREK-1 by morphine results in analgesia without adverse side effects. *Nature Communications*, **2013**, 4, 2941	17.4	69
377	Pharmacology of ASIC channels. *Environmental Sciences Europe*, **2013**, 2, 155-171	5	12
376	Black mamba venom peptides target acid-sensing ion channels to abolish pain. *Nature*, **2012**, 490, 552-5	50.4	283
375	Asic3 is a neuronal mechanosensor for pressure-induced vasodilation that protects against pressure ulcers. *Nature Medicine*, **2012**, 18, 1205-7	50.5	74
374	Oxaliplatin-induced cold hypersensitivity is due to remodelling of ion channel expression in nociceptors. *EMBO Molecular Medicine*, **2011**, 3, 266-78	12	256
373	Spinal cord plasticity and acid-sensing ion channels involvement in a rodent model of irritable bowel syndrome. *European Journal of Pain*, **2011**, 15, 335-43	3.7	31
372	Acid-sensing ion channels in postoperative pain. *Journal of Neuroscience*, **2011**, 31, 6059-66	6.6	127
371	Structural elements for the generation of sustained currents by the acid pain sensor ASIC3. *Journal of Biological Chemistry*, **2009**, 284, 31851-9	5.4	46
370	Acid-sensing ion channel 3 in retinal function and survival **2009**, 50, 2417-26		38
369	Extracellular acidification exerts opposite actions on TREK1 and TREK2 potassium channels via a single conserved histidine residue. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 14628-33	11.5	109
368	The mechano-activated K+ channels TRAAK and TREK-1 control both warm and cold perception. *EMBO Journal*, **2009**, 28, 1308-18	13	270
367	Sea anemone toxins affecting potassium channels. *Progress in Molecular and Subcellular Biology*, **2009**, 46, 99-122	3	32
366	ASIC3, a sensor of acidic and primary inflammatory pain. *EMBO Journal*, **2008**, 27, 3047-55	13	298

365	Deletion of the acid-sensing ion channel ASIC3 prevents gastritis-induced acid hyperresponsiveness of the stomach-brainstem axis. *Pain*, **2008**, 134, 245-253	8	46
364	Acid sensing ion channels in dorsal spinal cord neurons. *Journal of Neuroscience*, **2008**, 28, 1498-508	6.6	89
363	Mtap2 is a constituent of the protein network that regulates twik-related K+ channel expression and trafficking. *Journal of Neuroscience*, **2008**, 28, 8545-52	6.6	48
362	A tarantula peptide against pain via ASIC1a channels and opioid mechanisms. *Nature Neuroscience*, **2007**, 10, 943-5	25.5	211
361	Altered acetylcholine, bradykinin and cutaneous pressure-induced vasodilation in mice lacking the TREK1 potassium channel: the endothelial link. *EMBO Reports*, **2007**, 8, 354-9	6.5	73
360	Up- and down-regulation of the mechano-gated K(2P) channel TREK-1 by PIP (2) and other membrane phospholipids. *Pflugers Archiv European Journal of Physiology*, **2007**, 455, 97-103	4.6	61
359	Regulation of the Mechano-Gated K2P Channel TREK-1 by Membrane Phospholipids. *Current Topics in Membranes*, **2007**, 59, 155-70	2.2	18
358	Polyunsaturated fatty acids are cerebral vasodilators via the TREK-1 potassium channel. *Circulation Research*, **2007**, 101, 176-84	15.7	107
357	Antipsychotics inhibit TREK but not TRAAK channels. *Biochemical and Biophysical Research Communications*, **2007**, 354, 284-9	3.4	48
356	Does sumoylation control K2P1/TWIK1 background K+ channels?. *Cell*, **2007**, 130, 563-9	56.2	66
355	Silencing acid-sensing ion channel 1a alters cone-mediated retinal function. *Journal of Neuroscience*, **2006**, 26, 5800-9	6.6	65
354	Species diversity and peptide toxins blocking selectivity of ether-a-go-go-related gene subfamily K+ channels in the central nervous system. *Molecular Pharmacology*, **2006**, 69, 1673-83	4.3	47
353	Regulation of sensory neuron-specific acid-sensing ion channel 3 by the adaptor protein Na+/H+ exchanger regulatory factor-1. *Journal of Biological Chemistry*, **2006**, 281, 1796-807	5.4	32
352	Membrane potential-regulated transcription of the resting K+ conductance TASK-3 via the calcineurin pathway. *Journal of Biological Chemistry*, **2006**, 281, 28910-8	5.4	26
351	Neurotoxicity and other pharmacological activities of the snake venom phospholipase A2 OS2: the N-terminal region is more important than enzymatic activity. *Biochemistry*, **2006**, 45, 5800-16	3.2	54
350	The background K(+) channel TASK-3 is regulated at both the transcriptional and post-transcriptional levels. *Biochemical and Biophysical Research Communications*, **2006**, 348, 1350-7	3.4	6
349	Four novel tarantula toxins as selective modulators of voltage-gated sodium channel subtypes. *Molecular Pharmacology*, **2006**, 69, 419-29	4.3	132
348	FMRFamide-gated sodium channel and ASIC channels: a new class of ionotropic receptors for FMRFamide and related peptides. *Peptides*, **2006**, 27, 1138-52	3.8	98

347	Deletion of the background potassium channel TREK-1 results in a depression-resistant phenotype. *Nature Neuroscience*, **2006**, 9, 1134-41	25.5	295
346	TREK-1, a K+ channel involved in polymodal pain perception. *EMBO Journal*, **2006**, 25, 2368-76	13	323
345	AKAP150, a switch to convert mechano-, pH- and arachidonic acid-sensitive TREK K(+) channels into open leak channels. *EMBO Journal*, **2006**, 25, 5864-72	13	88
344	The receptor site of the spider toxin PcTx1 on the proton-gated cation channel ASIC1a. *Journal of Physiology*, **2006**, 570, 339-54	3.9	75
343	Lysophosphatidic acid-operated K+ channels. *Journal of Biological Chemistry*, **2005**, 280, 4415-21	5.4	77
342	Solution structure of APETx2, a specific peptide inhibitor of ASIC3 proton-gated channels. *Protein Science*, **2005**, 14, 2003-10	6.3	54
341	A phospholipid sensor controls mechanogating of the K+ channel TREK-1. *EMBO Journal*, **2005**, 24, 44-53	13	192
340	Cross-talk between the mechano-gated K2P channel TREK-1 and the actin cytoskeleton. *EMBO Reports*, **2005**, 6, 642-8	6.5	110
339	Solution structure of APETx1 from the sea anemone Anthopleura elegantissima: a new fold for an HERG toxin. *Proteins: Structure, Function and Bioinformatics*, **2005**, 59, 380-6	4.2	29
338	ASIC2b-dependent regulation of ASIC3, an essential acid-sensing ion channel subunit in sensory neurons via the partner protein PICK-1. *Journal of Biological Chemistry*, **2004**, 279, 19531-9	5.4	84
337	Acid-sensing ion channel 2 is important for retinal function and protects against light-induced retinal degeneration. *Journal of Neuroscience*, **2004**, 24, 1005-12	6.6	92
336	A new sea anemone peptide, APETx2, inhibits ASIC3, a major acid-sensitive channel in sensory neurons. *EMBO Journal*, **2004**, 23, 1516-25	13	296
335	ARF6-dependent interaction of the TWIK1 K+ channel with EFA6, a GDP/GTP exchange factor for ARF6. *EMBO Reports*, **2004**, 5, 1171-5	6.5	61
334	Knockout of the ASIC2 channel in mice does not impair cutaneous mechanosensation, visceral mechanonociception and hearing. *Journal of Physiology*, **2004**, 558, 659-69	3.9	97
333	The 2P-domain K+ channels: role in apoptosis and tumorigenesis. *Pflugers Archiv European Journal of Physiology*, **2004**, 448, 261-73	4.6	117
332	Solution structure of Phrixotoxin 1, a specific peptide inhibitor of Kv4 potassium channels from the venom of the theraphosid spider Phrixotrichus auratus. *Protein Science*, **2004**, 13, 1197-208	6.3	43
331	How nerve growth factor drives physiological and inflammatory expressions of acid-sensing ion channel 3 in sensory neurons. *Journal of Biological Chemistry*, **2003**, 278, 48907-13	5.4	117
330	Mechanisms underlying excitatory effects of group I metabotropic glutamate receptors via inhibition of 2P domain K+ channels. *EMBO Journal*, **2003**, 22, 5403-11	13	161

329	Recombinant production and solution structure of PcTx1, the specific peptide inhibitor of ASIC1a proton-gated cation channels. *Protein Science*, **2003**, 12, 1332-43	6.3	92
328	Linolenic acid prevents neuronal cell death and paraplegia after transient spinal cord ischemia in rats. *Journal of Vascular Surgery*, **2003**, 38, 564-75	3.5	90
327	Novel mammalian group XII secreted phospholipase A2 lacking enzymatic activity. *Biochemistry*, **2003**, 42, 11494-503	3.2	93
326	APETx1, a new toxin from the sea anemone Anthopleura elegantissima, blocks voltage-gated human ether-a-go-go-related gene potassium channels. *Molecular Pharmacology*, **2003**, 64, 59-69	4.3	102
325	K+-dependent cerebellar granule neuron apoptosis. Role of task leak K+ channels. *Journal of Biological Chemistry*, **2003**, 278, 32068-76	5.4	157
324	Proinflammatory mediators, stimulators of sensory neuron excitability via the expression of acid-sensing ion channels. *Journal of Neuroscience*, **2002**, 22, 10662-70	6.6	288
323	Secreted phospholipase A2 potentiates glutamate-induced calcium increase and cell death in primary neuronal cultures. *Journal of Neuroscience Research*, **2002**, 67, 634-45	4.4	49
322	A potent protective role of lysophospholipids against global cerebral ischemia and glutamate excitotoxicity in neuronal cultures. *Journal of Cerebral Blood Flow and Metabolism*, **2002**, 22, 821-34	7.3	77
321	ASIC-like, proton-activated currents in rat hippocampal neurons. *Journal of Physiology*, **2002**, 539, 485-94	3.9	174
320	An intracellular proton sensor commands lipid- and mechano-gating of the K(+) channel TREK-1. *EMBO Journal*, **2002**, 21, 2968-76	13	168
319	p11, an annexin II subunit, an auxiliary protein associated with the background K+ channel, TASK-1. *EMBO Journal*, **2002**, 21, 4439-48	13	114
318	Interfacial kinetic and binding properties of the complete set of human and mouse groups I, II, V, X, and XII secreted phospholipases A2. *Journal of Biological Chemistry*, **2002**, 277, 48535-49	5.4	272
317	The multivalent PDZ domain-containing protein CIPP is a partner of acid-sensing ion channel 3 in sensory neurons. *Journal of Biological Chemistry*, **2002**, 277, 16655-61	5.4	61
316	Protein kinase C stimulates the acid-sensing ion channel ASIC2a via the PDZ domain-containing protein PICK1. *Journal of Biological Chemistry*, **2002**, 277, 50463-8	5.4	96
315	Novel tarantula toxins for subtypes of voltage-dependent potassium channels in the Kv2 and Kv4 subfamilies. *Molecular Pharmacology*, **2002**, 62, 48-57	4.3	153
314	Molecular basis of the voltage-dependent gating of TREK-1, a mechano-sensitive K(+) channel. *Biochemical and Biophysical Research Communications*, **2002**, 292, 339-46	3.4	77
313	Nonsteroid anti-inflammatory drugs inhibit both the activity and the inflammation-induced expression of acid-sensing ion channels in nociceptors. *Journal of Neuroscience*, **2001**, 21, 8026-33	6.6	420
312	ATP-sensitive potassium channels (K(ATP)) in retina: a key role for delayed ischemic tolerance. *Brain Research*, **2001**, 890, 118-29	3.7	67

311	Lipid and mechano-gated 2P domain K(+) channels. *Current Opinion in Cell Biology*, **2001**, 13, 422-8	9	250
310	Zn2+ and H+ are coactivators of acid-sensing ion channels. *Journal of Biological Chemistry*, **2001**, 276, 35361-7	5.4	158
309	A TREK-1-like potassium channel in atrial cells inhibited by beta-adrenergic stimulation and activated by volatile anesthetics. *Circulation Research*, **2001**, 89, 336-42	15.7	122
308	Genomic and functional characteristics of novel human pancreatic 2P domain K(+) channels. *Biochemical and Biophysical Research Communications*, **2001**, 282, 249-56	3.4	144
307	Activation of the nuclear factor-kappaB is a key event in brain tolerance. *Journal of Neuroscience*, **2001**, 21, 4668-77	6.6	244
306	On the Functional Diversity of Secreted Phospholipases A2: Cloning of Novel Mammalian Enzymes and HIV-1 Antiviral Properties. *Medical Science Symposia Series*, **2001**, 81-84		
305	Axonal transport of TREK and TRAAK potassium channels in rat sciatic nerves. *NeuroReport*, **2000**, 11, 927-30	1.7	23
304	The bee venom peptide tertiapin underlines the role of I(KACh) in acetylcholine-induced atrioventricular blocks. *British Journal of Pharmacology*, **2000**, 131, 569-77	8.6	63
303	Molecular and functional properties of two-pore-domain potassium channels. *American Journal of Physiology - Renal Physiology*, **2000**, 279, F793-801	4.3	450
302	Human TREK2, a 2P domain mechano-sensitive K+ channel with multiple regulations by polyunsaturated fatty acids, lysophospholipids, and Gs, Gi, and Gq protein-coupled receptors. *Journal of Biological Chemistry*, **2000**, 275, 28398-405	5.4	246
301	Isolation of a tarantula toxin specific for a class of proton-gated Na+ channels. *Journal of Biological Chemistry*, **2000**, 275, 25116-21	5.4	356
300	Cloning and recombinant expression of a structurally novel human secreted phospholipase A2. *Journal of Biological Chemistry*, **2000**, 275, 39823-6	5.4	130
299	Lysophospholipids open the two-pore domain mechano-gated K(+) channels TREK-1 and TRAAK. *Journal of Biological Chemistry*, **2000**, 275, 10128-33	5.4	279
298	TWIK-2, an inactivating 2P domain K+ channel. *Journal of Biological Chemistry*, **2000**, 275, 28722-30	5.4	92
297	Ischemic spinal cord injury induced by aortic cross-clamping: prevention by riluzole. *European Journal of Cardio-thoracic Surgery*, **2000**, 18, 174-81	3	53
296	Cloning and recombinant expression of human group IIF-secreted phospholipase A(2). *Biochemical and Biophysical Research Communications*, **2000**, 279, 223-8	3.4	58
295	Cloning and expression of human TRAAK, a polyunsaturated fatty acids-activated and mechano-sensitive K(+) channel. *FEBS Letters*, **2000**, 471, 137-40	3.8	91
294	Molecular cloning, functional expression and chromosomal localization of an amiloride-sensitive Na(+) channel from human small intestine. *FEBS Letters*, **2000**, 471, 205-10	3.8	63

293	M-type KCNQ2-KCNQ3 potassium channels are modulated by the KCNE2 subunit. *FEBS Letters*, **2000**, 480, 137-41	3.8	62
292	Novel human secreted phospholipase A(2) with homology to the group III bee venom enzyme. *Journal of Biological Chemistry*, **2000**, 275, 7492-6	5.4	137
291	Prevention of ischemic spinal cord injury: comparative effects of magnesium sulfate and riluzole. *Journal of Vascular Surgery*, **2000**, 32, 179-89	3.5	54
290	Cloning of a new mouse two-P domain channel subunit and a human homologue with a unique pore structure. *Journal of Biological Chemistry*, **1999**, 274, 11751-60	5.4	100
289	Secreted phospholipases A(2), a new class of HIV inhibitors that block virus entry into host cells. *Journal of Clinical Investigation*, **1999**, 104, 611-8	15.9	104
288	On the diversity of secreted phospholipases A(2). Cloning, tissue distribution, and functional expression of two novel mouse group II enzymes. *Journal of Biological Chemistry*, **1999**, 274, 31195-202	5.4	147
287	Cloning and recombinant expression of a novel mouse-secreted phospholipase A2. *Journal of Biological Chemistry*, **1999**, 274, 19152-60	5.4	98
286	Mechano- or acid stimulation, two interactive modes of activation of the TREK-1 potassium channel. *Journal of Biological Chemistry*, **1999**, 274, 26691-6	5.4	322
285	Both group IB and group IIA secreted phospholipases A2 are natural ligands of the mouse 180-kDa M-type receptor. *Journal of Biological Chemistry*, **1999**, 274, 7043-51	5.4	114
284	TRAAK is a mammalian neuronal mechano-gated K+ channel. *Journal of Biological Chemistry*, **1999**, 274, 1381-7	5.4	269
283	The pre-transmembrane 1 domain of acid-sensing ion channels participates in the ion pore. *Journal of Biological Chemistry*, **1999**, 274, 10129-32	5.4	70
282	Cloning and functional expression of a novel degenerin-like Na+ channel gene in mammals. *Journal of Physiology*, **1999**, 519 Pt 2, 323-33	3.9	79
281	H(+)-gated cation channels. *Annals of the New York Academy of Sciences*, **1999**, 868, 67-76	6.5	181
280	Kv2.1/Kv9.3, an ATP-dependent delayed-rectifier K+ channel in pulmonary artery myocytes. *Annals of the New York Academy of Sciences*, **1999**, 868, 438-41	6.5	15
279	Inhalational anesthetics activate two-pore-domain background K+ channels. *Nature Neuroscience*, **1999**, 2, 422-6	25.5	545
278	Effects of phrixotoxins on the Kv4 family of potassium channels and implications for the role of Ito1 in cardiac electrogenesis. *British Journal of Pharmacology*, **1999**, 126, 251-63	8.6	126
277	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. *Journal of Cerebral Blood Flow and Metabolism*, **1999**, 19, 1296-308	7.3	114
276	Reply:. *Journal of Thoracic and Cardiovascular Surgery*, **1999**, 118, 1157	1.5	2

275	Riluzole prevents ischemic spinal cord injury caused by aortic crossclamping. *Journal of Thoracic and Cardiovascular Surgery*, **1999**, 117, 881-9	1.5	65
274	Secretory phospholipase A2 potentiates glutamate-induced rat striatal neuronal cell death in vivo. *Neuroscience Letters*, **1999**, 274, 167-70	3.3	33
273	MIT(1), a black mamba toxin with a new and highly potent activity on intestinal contraction. *FEBS Letters*, **1999**, 461, 183-8	3.8	72
272	Chapter 12 Potassium Channels with Two P Domains. *Current Topics in Membranes*, **1999**, 46, 199-222	2.2	11
271	Chapter 5 IsK: A Novel Type of Potassium Channel Regulatory Subunit. *Current Topics in Membranes*, **1999**, 46, 67-84	2.2	2
270	IKs, a slow and intriguing cardiac K+ channel and its associated long QT diseases. *Trends in Cardiovascular Medicine*, **1998**, 8, 207-14	6.9	17
269	H(+)-gated cation channels: neuronal acid sensors in the NaC/DEG family of ion channels. *Current Opinion in Neurobiology*, **1998**, 8, 418-24	7.6	458
268	Identification, functional expression and chromosomal localisation of a sustained human proton-gated cation channel. *FEBS Letters*, **1998**, 433, 257-60	3.8	101
267	The KCNQ2 potassium channel: splice variants, functional and developmental expression. Brain localization and comparison with KCNQ3. *FEBS Letters*, **1998**, 438, 171-6	3.8	111
266	Sea anemone peptides with a specific blocking activity against the fast inactivating potassium channel Kv3.4. *Journal of Biological Chemistry*, **1998**, 273, 6744-9	5.4	149
265	A new member of the amiloride-sensitive sodium channel family in Drosophila melanogaster peripheral nervous system. *Biochemical and Biophysical Research Communications*, **1998**, 246, 210-6	3.4	45
264	Mapping of human potassium channel genes TREK-1 (KCNK2) and TASK (KCNK3) to chromosomes 1q41 and 2p23. *Genomics*, **1998**, 51, 478-9	4.3	21
263	A structural homologue of colipase in black mamba venom revealed by NMR floating disulphide bridge analysis. *Journal of Molecular Biology*, **1998**, 283, 205-19	6.5	62
262	The Phe-Met-Arg-Phe-amide-activated sodium channel is a tetramer. *Journal of Biological Chemistry* , **1998**, 273, 8317-22	5.4	93
261	Cloning and expression of a novel pH-sensitive two pore domain K+ channel from human kidney. *Journal of Biological Chemistry*, **1998**, 273, 30863-9	5.4	292
260	dGNaC1, a gonad-specific amiloride-sensitive Na+ channel. *Journal of Biological Chemistry*, **1998**, 273, 9424-9	5.4	36
259	Mutations causing neurodegeneration in Caenorhabditis elegans drastically alter the pH sensitivity and inactivation of the mammalian H+-gated Na+ channel MDEG1. *Journal of Biological Chemistry*, **1998**, 273, 15418-22	5.4	85
258	Genetic analysis of the beta subunit of the epithelial Na+ channel in essential hypertension. *Hypertension*, **1998**, 32, 129-37	8.5	115

257	Involvement of IsK-associated K+ channel in heart rate control of repolarization in a murine engineered model of Jervell and Lange-Nielsen syndrome. *Circulation Research*, **1998**, 83, 95-102	15.7	120
256	Disruption of mitochondrial respiration inhibits volume-regulated anion channels and provokes neuronal cell swelling. *Journal of Neuroscience*, **1998**, 18, 3117-23	6.6	66
255	Modes of regulation of shab K+ channel activity by the Kv8.1 subunit. *Journal of Biological Chemistry*, **1997**, 272, 8774-80	5.4	72
254	Cloning, chromosomal mapping, and expression of a novel human secretory phospholipase A2. *Journal of Biological Chemistry*, **1997**, 272, 15745-52	5.4	215
253	New modulatory alpha subunits for mammalian Shab K+ channels. *Journal of Biological Chemistry*, **1997**, 272, 24371-9	5.4	164
252	Localization of structural elements of bee venom phospholipase A2 involved in N-type receptor binding and neurotoxicity. *Journal of Biological Chemistry*, **1997**, 272, 7173-81	5.4	82
251	A modulatory subunit of acid sensing ion channels in brain and dorsal root ganglion cells. *Journal of Biological Chemistry*, **1997**, 272, 29778-83	5.4	411
250	Molecular mechanism and functional significance of the MinK control of the KvLQT1 channel activity. *Journal of Biological Chemistry*, **1997**, 272, 16713-6	5.4	103
249	Genotype-phenotype analysis of a newly discovered family with Liddle's syndrome. *Journal of Hypertension*, **1997**, 15, 1091-100	1.9	71
248	The acid-sensitive ionic channel subunit ASIC and the mammalian degenerin MDEG form a heteromultimeric H+-gated Na+ channel with novel properties. *Journal of Biological Chemistry*, **1997**, 272, 28819-22	5.4	182
247	Molecular cloning of a non-inactivating proton-gated Na+ channel specific for sensory neurons. *Journal of Biological Chemistry*, **1997**, 272, 20975-8	5.4	440
246	The structure, function and distribution of the mouse TWIK-1 K+ channel. *FEBS Letters*, **1997**, 402, 28-32	3.8	99
245	A proton-gated cation channel involved in acid-sensing. *Nature*, **1997**, 386, 173-7	50.4	1111
244	The amiloride-sensitive Na+ channel: from primary structure to function. *Comparative Biochemistry and Physiology A, Comparative Physiology*, **1997**, 118, 193-200		23
243	Comparative expression of the inward rectifier K+ channel GIRK2 in the cerebellum of normal and weaver mutant mice. *Brain Research*, **1997**, 753, 8-17	3.7	35
242	The potassium channel opener (-)-cromakalim prevents glutamate-induced cell death in hippocampal neurons. *Journal of Neurochemistry*, **1997**, 69, 1570-9	6	66
241	Endocytic properties of the M-type 180-kDa receptor for secretory phospholipases A2. *Journal of Biological Chemistry*, **1996**, 271, 250-7	5.4	99
240	Dominant negative chimeras provide evidence for homo and heteromultimeric assembly of inward rectifier K+ channel proteins via their N-terminal end. *FEBS Letters*, **1996**, 378, 64-8	3.8	36

239	Inner ear defects induced by null mutation of the isk gene. *Neuron*, **1996**, 17, 1251-64	13.9	349
238	A pH-sensitive yeast outward rectifier K+ channel with two pore domains and novel gating properties. *Journal of Biological Chemistry*, **1996**, 271, 4183-7	5.4	85
237	Effects on behaviour and EEG of single chain phospholipases A2 from snake and bee venoms injected into rat brain: search for a functional antagonism. *Basic and Clinical Pharmacology and Toxicology*, **1996**, 78, 341-7		16
236	K(V)LQT1 and lsK (minK) proteins associate to form the I(Ks) cardiac potassium current. *Nature*, **1996**, 384, 78-80	50.4	1389
235	A new K+ channel beta subunit to specifically enhance Kv2.2 (CDRK) expression. *Journal of Biological Chemistry*, **1996**, 271, 26341-8	5.4	85
234	The mammalian degenerin MDEG, an amiloride-sensitive cation channel activated by mutations causing neurodegeneration in Caenorhabditis elegans. *Journal of Biological Chemistry*, **1996**, 271, 10433-6	5.4	265
233	Structure and regulation of the amiloride-sensitive epithelial sodium channel. *Ion Channels*, **1996**, 4, 115-67		22
232	Localization and regulation by steroids of the alpha, beta and gamma subunits of the amiloride-sensitive Na+ channel in colon, lung and kidney. *Pflugers Archiv European Journal of Physiology*, **1995**, 430, 299-307	4.6	188
231	Biophysical, pharmacological and developmental properties of ATP-sensitive K+ channels in cultured myotomal muscle cells from Xenopus embryos. *Pflugers Archiv European Journal of Physiology*, **1995**, 429, 607-16	4.6	
230	Cloning of the amiloride-sensitive FMRFamide peptide-gated sodium channel. *Nature*, **1995**, 378, 730-3	50.4	355
229	Molecular properties of neuronal G-protein-activated inwardly rectifying K+ channels. *Journal of Biological Chemistry*, **1995**, 270, 28660-7	5.4	214
228	Structural elements of secretory phospholipases A2 involved in the binding to M-type receptors. *Journal of Biological Chemistry*, **1995**, 270, 5534-40	5.4	101
227	Functional degenerin-containing chimeras identify residues essential for amiloride-sensitive Na+ channel function. *Journal of Biological Chemistry*, **1995**, 270, 11735-7	5.4	102
226	Identification of the binding domain for secretory phospholipases A2 on their M-type 180-kDa membrane receptor. *Journal of Biological Chemistry*, **1995**, 270, 28869-73	5.4	56
225	The human 180-kDa receptor for secretory phospholipases A2. Molecular cloning, identification of a secreted soluble form, expression, and chromosomal localization. *Journal of Biological Chemistry*, **1995**, 270, 8963-70	5.4	152
224	Molecular cloning and functional expression of a novel amiloride-sensitive Na+ channel. *Journal of Biological Chemistry*, **1995**, 270, 27411-4	5.4	233
223	Multifunctional activity of the extracellular domain of the M-type (180 kDa) membrane receptor for secretory phospholipases A2. *Biochemistry*, **1995**, 34, 13146-51	3.2	81
222	Coexistence of two classes of glibenclamide-inhibitable ATP-regulated K+ channels in avian skeletal muscle. *Pflugers Archiv European Journal of Physiology*, **1995**, 431, 117-24	4.6	4

221	Kalicludines and kaliseptine. Two different classes of sea anemone toxins for voltage sensitive K+ channels. *Journal of Biological Chemistry*, **1995**, 270, 25121-6	5.4	159
220	Expression cloning in K+ transport defective yeast and distribution of HBP1, a new putative HMG transcriptional regulator. *Nucleic Acids Research*, **1994**, 22, 3685-8	20.1	42
219	Identification of the Ca2+ current activated by vasoconstrictors in vascular smooth muscle cells. *Pflugers Archiv European Journal of Physiology*, **1994**, 429, 1-6	4.6	18
218	CGRP-induced activation of KATP channels in follicular Xenopus oocytes. *Pflugers Archiv European Journal of Physiology*, **1994**, 428, 604-9	4.6	16
217	Glutamate-induced overexpression of NMDA receptor messenger RNAs and protein triggered by activation of AMPA/kainate receptors in rat hippocampus following forebrain ischemia. *Brain Research*, **1994**, 659, 67-74	3.7	57
216	Expression of group II phospholipase A2 in rat brain after severe forebrain ischemia and in endotoxic shock. *Brain Research*, **1994**, 651, 353-6	3.7	96
215	Cloning provides evidence for a family of inward rectifier and G-protein coupled K+ channels in the brain. *FEBS Letters*, **1994**, 353, 37-42	3.8	252
214	Molecular cloning of a murine N-type calcium channel alpha 1 subunit. Evidence for isoforms, brain distribution, and chromosomal localization. *FEBS Letters*, **1994**, 338, 1-5	3.8	37
213	Effects of two chemically related new Ca2+ channel antagonists, SR33557 (fantofarone) and SR33805, on the L-type cardiac channel. *European Journal of Pharmacology*, **1994**, 263, 101-5	5.3	9
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