Jan R De Weille

List of Publications by Year
in descending order

34 papers	3,523 citations	331259 21 h-index	395343 33 g-index
34 all docs	34 docs citations	34 times ranked	2266 citing authors

#	Article	IF	Citations
1	Molecular Cloning of a Non-inactivating Proton-gated Na+ Channel Specific for Sensory Neurons. Journal of Biological Chemistry, 1997, 272, 20975-20978.	1.6	489
2	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, 8026-8033.	1.7	474
3	A Modulatory Subunit of Acid Sensing Ion Channels in Brain and Dorsal Root Ganglion Cells. Journal of Biological Chemistry, 1997, 272, 29778-29783.	1.6	469
4	Isolation of a Tarantula Toxin Specific for a Class of Proton-gated Na+ Channels. Journal of Biological Chemistry, 2000, 275, 25116-25121.	1.6	424
5	Calciseptine, a peptide isolated from black mamba venom, is a specific blocker of the L-type calcium channel.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 2437-2440.	3.3	222
6	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, 28819-28822.	1.6	200
7	H+-Gated Cation Channelsa. Annals of the New York Academy of Sciences, 1999, 868, 67-76.	1.8	199
8	The antidiabetic sulfonylurea glibenclamide is a potent blocker of the ATP-modulated K+ channel in insulin secreting cells. Biochemical and Biophysical Research Communications, 1987, 146, 21-25.	1.0	120
9	Identification, functional expression and chromosomal localisation of a sustained human proton-gated cation channel. FEBS Letters, 1998, 433, 257-260.	1.3	108
10	Modes of Regulation of Shab K+ Channel Activity by the Kv8.1 Subunit. Journal of Biological Chemistry, 1997, 272, 8774-8780.	1.6	90
11	The Potassium Channel Opener (â^')-Cromakalim Prevents Glutamate-Induced Cell Death in Hippocampal Neurons. Journal of Neurochemistry, 1997, 69, 1570-1579.	2.1	81
12	The Pre-transmembrane 1 Domain of Acid-sensing Ion Channels Participates in the Ion Pore. Journal of Biological Chemistry, 1999, 274, 10129-10132.	1.6	78
13	Activation by cromakalim of pre- and post-synaptic ATP-sensitive K+ channels in substantia nigra. Biochemical and Biophysical Research Communications, 1991, 174, 909-914.	1.0	71
14	Dependence of the acid-sensitive ion channel, ASIC1a, on extracellular Ca2+ ions. Brain Research, 2001, 900, 277-281.	1.1	64
15	ATP-modulated K+ channels sensitive to antidiabetic sulfonylureas are present in adenohypophysis and are involved in growth hormone release.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 1340-1344.	3.3	60
16	Oxysterols in cancer cell proliferation and death. Biochemical Pharmacology, 2013, 86, 154-160.	2.0	57
17	Somatostatin activates glibenclamide-sensitive and ATP-regulated K+channels in insulinoma cells via a G-protein. FEBS Letters, 1988, 242, 94-96.	1.3	51
18	Chlorpromazine and related phenothiazines inhibit the ATP-sensitive K+ channel. European Journal of Pharmacology, 1991, 198, 101-104.	1.7	44

#	Article	IF	Citations
19	Comparative expression of the inward rectifier K+ channel GIRK2 in the cerebellum of normal and weaver mutant mice. Brain Research, 1997, 753, 8-17.	1.1	35
20	Interactions of pyrethroids and octylguanidine with sodium channels of squid giant axons. Brain Research, 1988, 445, 1-9.	1.1	26
21	Galanin inhibits dopamine secretion and activates a potassium channel in pheochromocytoma cells. Brain Research, 1989, 485, 199-203.	1.1	26
22	Receptors to Steroid Hormones and Aromatase Are Expressed by Cultured Motoneurons but Not by Glial Cells Derived from Rat Embryo Spinal Cord. Neuroendocrinology, 2004, 80, 284-297.	1.2	20
23	7Î²-Hydroxycholesterol-induced energy stress leads to sequential opposing signaling responses and to death of c6 glioblastoma cells. Biochemical Pharmacology, 2012, 83, 37-46.	2.0	18
24	Effectors of ATP-sensitive K+ channels inhibit the regulatory effects of somatostatin and GH-releasing factor on growth hormone secretion. Biochemical and Biophysical Research Communications, 1992, 187, 1007-1014.	1.0	17
25	ATP-sensitive K+ channels reveal the effects of intracellular chloride variations on cytoplasmic ATP concentrations and mitochondrial function. Biochemical and Biophysical Research Communications, 1990, 168, 1137-1142.	1.0	15
26	8-Methoxypsoralen blocks ATP-sensitive potassium channels and stimulates insulin release. European Journal of Pharmacology, 1992, 216, 323-326.	1.7	14
27	TMB-8 (8-(N,N-diethylamino) octyl-3,4,5-trimethoxybenzoate) inhibits the ATP-sensitive K+ channel. European Journal of Pharmacology, 1992, 226, 175-177.	2.7	13
28	Sodium depletion in the periaxonal space of the squid axon treated with pyrethroids. Brain Research, 1986, 386, 169-174.	1.1	10
29	The action of pyrethroids on sodium channels in myelinated nerve fibres and spinal ganglion cells of the frog. Brain Research, 1989, 482, 324-332.	1.1	8
30	Disruption of Nongenomic Testosterone Signaling in a Model of Spinal and Bulbar Muscular Atrophy. Molecular Endocrinology, 2012, 26, 1102-1116.	3.7	6
31	Pyrethriod modifications of the activation and inactivation kinetics of the sodium channels in squid giant axons. Brain Research, 1990, 512, 26-32.	1.1	5
32	Mild surfection of neural cells, especially motoneurons, in primary culture and cell lines. Experimental Neurology, 2007, 204, 118-130.	2.0	5
33	Similar pyruvate kinase modifications in glioblastoma cells by 7Î²-hydroxycholesterol and glutamine withdrawal. Biochemical Pharmacology, 2013, 86, 161-167.	2.0	4
34	A human spinal cord cell promotes motoneuron survival and maturation in vitro. Journal of Neuroscience Research, 2009, 87, 50-60.	1.3	0