Edwin W Mccleskey

List of Publications by Year
in descending order

25 papers	4,161 citations	361413 20 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	3279 citing authors

#	Article	IF	Citations
1	Sensing Muscle Ischemia: Coincident Detection ofÂAcid and ATP via Interplay of Two Ion Channels. Neuron, 2010, 68, 739-749.	8.1	131
2	Propiedades celulares y moleculares de las neuronas aferentes primarias. , 2007, , 35-48.		0
3	Sustained Currents Through ASIC3 Ion Channels at the Modest pH Changes That Occur During Myocardial Ischemia. Circulation Research, 2006, 99, 501-509.	4.5	226
4	Cellular and molecular properties of primary afferent neurons. , 2006, , 35-48.		11
5	Acid-Sensing Ion Channels. , 2005, , 57-72.		0
6	ASIC3, an Acid-Sensing Ion Channel, is Expressed in Metaboreceptive Sensory Neurons. Molecular Pain, 2005, 1, 1744-8069-1-35.	2.1	201
7	Contrasting Phenotypes of Putative Proprioceptive and Nociceptive Trigeminal Neurons Innervating Jaw Muscle in Rat. Molecular Pain, 2005, 1, 1744-8069-1-31.	2.1	47
8	Permeation and Selectivity in Calcium Channels. Annual Review of Physiology, 2003, 65, 133-159.	13.1	239
9	Protons Open Acid-Sensing Ion Channels by Catalyzing Relief of Ca2+ Blockade. Neuron, 2003, 37, 75-84.	8.1	224
10	ATP and UTP excite sensory neurons and induce CREB phosphorylation through the metabotropic receptor, P2Y2. European Journal of Neuroscience, 2002, 16, 1850-1860.	2.6	101
11	ATP, pain and a full bladder. Nature, 2000, 407, 951-952.	27.8	48
12	Role of Phosphoinositide 3-Kinase and Endocytosis in Nerve Growth Factor-Induced Extracellular Signal-Regulated Kinase Activation via Ras and Rap1. Molecular and Cellular Biology, 2000, 20, 8069-8083.	2.3	221
13	Chemical mediators of pain due to tissue damage and ischemia. Progress in Brain Research, 2000, 129, 21-38.	1.4	66
14	Calcium Channel Permeation: A Field in Flux. Journal of General Physiology, 1999, 113, 765-772.	1.9	75
15	Acid-Evoked Currents in Cardiac Sensory Neurons. Circulation Research, 1999, 84, 921-928.	4.5	210
16	ION CHANNELS OF NOCICEPTION. Annual Review of Physiology, 1999, 61, 835-856.	13.1	323
17	Rap1 mediates sustained MAP kinase activation induced by nerve growth factor. Nature, 1998, 392, 622-626.	27.8	836
18	Ion Channel Selectivity through Stepwise Changes in Binding Affinity. Journal of General Physiology, 1998, 111, 185-193.	1.9	102

#	Article	IF	Citations
19	Biophysics of a Trespasser. Journal of General Physiology, 1997, 109, 677-680.	1.9	4
20	Distinct ATP receptors on pain-sensing and stretch-sensing neurons. Nature, 1997, 387, 505-508.	27.8	428
21	Isolation and culture of rat sensory neurons having distinct sensory modalities. Journal of Neuroscience Methods, 1997, 77, 183-190.	2.5	64
22	Calcium channels: cellular roles and molecular mechanisms. Current Opinion in Neurobiology, 1994, 4, 304-312.	4.2	111
23	A nutrient-permeable channel on the intraerythrocytic malaria parasite. Nature, 1993, 362, 643-646.	27.8	221
24	Chapter 9 Functional Properties of Voltage-Dependent Calcium Channels. Current Topics in Membranes, 1991, , 295-326.	0.9	7
25	Dihydropyridine receptors in muscle are voltage-dependent but most are not functional calcium channels. Nature, 1985, 314, 747-751.	27.8	265