Eric Linguegglia

List of Publications by Year
in descending order

51 papers	5,538 citations	109321 35 h-index	175258 52 g-index
74 all docs	74 docs citations	74 times ranked	3036 citing authors

#	ARTICLE	IF	CITATIONS
1	Lysophosphatidylcholine 16:0 mediates chronic joint pain associated to rheumatic diseases through acid-sensing ion channel 3. Pain, 2022, 163, 1999-2013.	4.2	13
2	Mambalgin-1 pain-relieving peptide locks the hinge between Î±4 and Î±5 helices to inhibit rat acid-sensing ion channel 1a. Neuropharmacology, 2021, 185, 108453.	4.1	10
3	C-Jun N-Terminal Kinase Post-Translational Regulation of Pain-Related Acid-Sensing Ion Channels 1b and 3. Journal of Neuroscience, 2021, 41, 8673-8685.	3.6	8
4	Effects of systemic inhibitors of acidâ€sensing ion channels 1 (ASIC1) against acute and chronic mechanical allodynia in a rodent model of migraine. British Journal of Pharmacology, 2018, 175, 4154-4166.	5.4	41
5	Acid-Sensing Ion Channel 1a in the amygdala is involved in pain and anxiety-related behaviours associated with arthritis. Scientific Reports, 2017, 7, 43617.	3.3	21
6	Pharmacological modulation of Acid-Sensing Ion Channels 1a and 3 by amiloride and 2-guanidine-4-methylquinazoline (GMQ). Neuropharmacology, 2017, 125, 429-440.	4.1	28
7	Analgesic effects of mambalgin peptide inhibitors of acid-sensing ion channels in inflammatory and neuropathic pain. Pain, 2016, 157, 552-559.	4.2	57
8	Nonâ€acidic activation of painâ€related Acidâ€Sensing Ion Channel 3 by lipids. EMBO Journal, 2016, 35, 414-428.	7.8	79
9	Low cost venom extractor based on ArduinoÂ® board for electrical venom extraction from arthropods and other small animals. Toxicon, 2016, 118, 156-161.	1.6	17
10	Mambalgin-1 Pain-relieving Peptide, Stepwise Solid-phase Synthesis, Crystal Structure, and Functional Domain for Acid-sensing Ion Channel 1a Inhibition. Journal of Biological Chemistry, 2016, 291, 2616-2629.	3.4	41
11	Acid-Sensing Ion Channels in the nervous system. Neuropharmacology, 2015, 94, 1.	4.1	4
12	Pharmacology of acid-sensing ion channels â€“ Physiological and therapeutical perspectives. Neuropharmacology, 2015, 94, 19-35.	4.1	132
13	Acid-Sensing Ion Channels and nociception in the peripheral and central nervous systems. Neuropharmacology, 2015, 94, 49-57.	4.1	146
14	Binding Site and Inhibitory Mechanism of the Mambalgin-2 Pain-relieving Peptide on Acid-sensing Ion Channel 1a. Journal of Biological Chemistry, 2014, 289, 13363-13373.	3.4	50
15	Venom toxins in the exploration of molecular, physiological and pathophysiological functions of acid-sensing ion channels. Toxicon, 2013, 75, 187-204.	1.6	95
16	Pharmacology of <scp>ASIC</scp> channels. Environmental Sciences Europe, 2013, 2, 155-171.	5.5	15
17	Asic3 is a neuronal mechanosensor for pressure-induced vasodilation that protects against pressure ulcers. Nature Medicine, 2012, 18, 1205-1207.	30.7	94
18	Human ASIC3 channel dynamically adapts its activity to sense the extracellular pH in both acidic and alkaline directions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13124-13129.	7.1	75

#	Article	IF	Citations
19	Black mamba venom peptides target acid-sensing ion channels to abolish pain. Nature, 2012, 490, 552-555.	27.8	344
20	Acid-Sensing Ion Channels in Postoperative Pain. Journal of Neuroscience, 2011, 31, 6059-6066.	3.6	156
21	Acid-Sensing Ion Channels (ASICs): Pharmacology and implication in pain. , 2010, 128, 549-558.		293
22	Current perspectives on acid-sensing ion channels: new advances and therapeutic implications. Expert Review of Clinical Pharmacology, 2010, 3, 331-346.	3.1	37
23	Structural Elements for the Generation of Sustained Currents by the Acid Pain Sensor ASIC3. Journal of Biological Chemistry, 2009, 284, 31851-31859.	3.4	57
24	Acid-Sensing Ion Channel 3 in Retinal Function and Survival. , 2009, 50, 2417.		43
25	Acid-sensing ion channels (ASICs) in chronic pain. Douleur Et Analgesie, 2008, 21, 209-214.	0.1	1
26	ASIC3, a sensor of acidic and primary inflammatory pain. EMBO Journal, 2008, 27, 3047-3055.	7.8	362
27	Acid Sensing Ion Channels in Dorsal Spinal Cord Neurons. Journal of Neuroscience, 2008, 28, 1498-1508.	3.6	105
28	Acid-sensing Ion Channels in Sensory Perception. Journal of Biological Chemistry, 2007, 282, 17325-17329.	3.4	257
29	FMRFamide-gated sodium channel and ASIC channels: A new class of ionotropic receptors for FMRFamide and related peptides. Peptides, 2006, 27, 1138-1152.	2.4	116
30	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, 1796-1807.	3.4	37
31	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, 19531-19539.	3.4	96
32	Effects of neuropeptide SF and related peptides on acid sensing ion channel 3 and sensory neuron excitability. Neuropharmacology, 2003, 44, 662-671.	4.1	106
33	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, 16655-16661.	3.4	71
34	Protein Kinase C Stimulates the Acid-sensing Ion Channel ASIC2a via the PDZ Domain-containing Protein PICK1. Journal of Biological Chemistry, 2002, 277, 50463-50468.	3.4	106
35	Exploration of the pore structure of a peptide-gated Na+ channel. EMBO Journal, 2001, 20, 5595-5602.	7.8	32
36	Zn2+ and H+ Are Coactivators of Acid-sensing Ion Channels. Journal of Biological Chemistry, 2001, 276, 35361-35367.	3.4	175

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37	Molecular cloning, functional expression and chromosomal localization of an amiloride-sensitive Na+channel from human small intestine. FEBS Letters, 2000, 471, 205-210.	2.8	69
38	The Pre-transmembrane 1 Domain of Acid-sensing Ion Channels Participates in the Ion Pore. Journal of Biological Chemistry, 1999, 274, 10129-10132.	3.4	78
39	Cloning and functional expression of a novel degenerin-like Na+channel gene in mammals. Journal of Physiology, 1999, 519, 323-333.	2.9	83
40	H+-Gated Cation Channelsa. Annals of the New York Academy of Sciences, 1999, 868, 67-76.	3.8	199
41	A New Member of the Amiloride-Sensitive Sodium Channel Family inDrosophila melanogasterPeripheral Nervous System. Biochemical and Biophysical Research Communications, 1998, 246, 210-216.	2.1	50
42	The Phe-Met-Arg-Phe-amide-activated Sodium Channel Is a Tetramer. Journal of Biological Chemistry, 1998, 273, 8317-8322.	3.4	100
43	dGNaC1, a Gonad-specific Amiloride-sensitive Na+Channel. Journal of Biological Chemistry, 1998, 273, 9424-9429.	3.4	36
44	A Modulatory Subunit of Acid Sensing Ion Channels in Brain and Dorsal Root Ganglion Cells. Journal of Biological Chemistry, 1997, 272, 29778-29783.	3.4	469
45	The Amiloride-Sensitive Na+ Channel: From Primary Structure to Function. Comparative Biochemistry and Physiology A, Comparative Physiology, 1997, 118, 193-200.	0.6	28
46	Cloning of the amiloride-sensitive FMRFamide peptide-gated sodium channel. Nature, 1995, 378, 730-733.	27.8	393
47	The lung amiloride-sensitive Na+ channel: biophysical properties, pharmacology, ontogenesis, and molecular cloning.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 247-251.	7.1	228
48	Molecular cloning and functional expression of different molecular forms of rat amiloride-binding proteins. FEBS Journal, 1993, 216, 679-687.	0.2	56
49	Expression cloning of an epithelial amiloride-sensitive Na+ channel. FEBS Letters, 1993, 318, 95-99.	2.8	331
50	Human kidney amiloride-binding protein: cDNA structure and functional expression.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 7347-7351.	7.1	77
51	Single Subcutaneous Injection of Lysophosphatidyl-Choline Evokes ASIC3-Dependent Increases of Spinal Dorsal Horn Neuron Activity. Frontiers in Molecular Neuroscience, 0, 15, .	2.9	5