

Cecilia M Canessa

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,823
citations

567281

15
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypertension caused by a truncated epithelial sodium channel β^3 subunit: genetic heterogeneity of Liddle syndrome. <i>Nature Genetics</i> , 1995, 11, 76-82.	21.4	725
2	Structure and Regulation of Amiloride-Sensitive Sodium Channels. <i>Annual Review of Physiology</i> , 2000, 62, 573-594.	13.1	306
3	Distribution, subcellular localization and ontogeny of ASIC1 in the mammalian central nervous system. <i>Journal of Physiology</i> , 2003, 546, 77-87.	2.9	183
4	Interaction of the Aromatics Tyr-72/Trp-288 in the Interface of the Extracellular and Transmembrane Domains Is Essential for Proton Gating of Acid-sensing Ion Channels. <i>Journal of Biological Chemistry</i> , 2009, 284, 4689-4694.	3.4	80
5	An amphipathic helix targets serum and glucocorticoid-induced kinase 1 to the endoplasmic reticulum-associated ubiquitin-conjugation machinery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11178-11183.	7.1	79
6	Single Channel Properties of Rat Acid-sensitive Ion Channel-1 α , -2a, and -3 Expressed in <i>Xenopus</i> Oocytes. <i>Journal of General Physiology</i> , 2002, 120, 553-566.	1.9	71
7	A brain-specific SGK1 splice isoform regulates expression of ASIC1 in neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4459-4464.	7.1	56
8	Outlines of the pore in open and closed conformations describe the gating mechanism of ASIC1. <i>Nature Communications</i> , 2011, 2, 399.	12.8	50
9	Distribution and regulation of expression of serum- and glucocorticoid-induced kinase-1 in the rat kidney. <i>Journal of Physiology</i> , 2003, 551, 455-466.	2.9	49
10	Simple chordates exhibit a proton-independent function of acid-sensing ion channels. <i>FASEB Journal</i> , 2008, 22, 1914-1923.	0.5	34
11	Leu85 in the β^21 - β^22 Linker of ASIC1 Slows Activation and Decreases the Apparent Proton Affinity by Stabilizing a Closed Conformation. <i>Journal of Biological Chemistry</i> , 2010, 285, 22706-22712.	3.4	32
12	Asn415 in the β^211 - β^212 Linker Decreases Proton-dependent Desensitization of ASIC1. <i>Journal of Biological Chemistry</i> , 2010, 285, 31285-31291.	3.4	32
13	Unexpected opening. <i>Nature</i> , 2007, 449, 293-294.	27.8	28
14	Two residues in the extracellular domain convert a nonfunctional ASIC1 into a proton-activated channel. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C66-C73.	4.6	25
15	A valve-like mechanism controls desensitization of functional mammalian isoforms of acid-sensing ion channels. <i>ELife</i> , 2019, 8, .	6.0	21
16	A Method for Activation of Endogenous Acid-sensing Ion Channel 1a (ASIC1a) in the Nervous System with High Spatial and Temporal Precision. <i>Journal of Biological Chemistry</i> , 2014, 289, 15441-15448.	3.4	13
17	Heterologous expression of a mammalian epithelial sodium channel in yeast. <i>FEBS Letters</i> , 2000, 481, 77-80.	2.8	11
18	Structure and analysis of nanobody binding to the human ASIC1a ion channel. <i>ELife</i> , 2021, 10, .	6.0	10

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19	An arginine residue in the outer segment of hASIC1a TM1 affects both proton affinity and channel desensitization. <i>Journal of General Physiology</i> , 2021, 153, .	1.9	8
20	The Neuronal-Specific SGK1.1 (SGK1_v2) Kinase as a Transcriptional Modulator of BAG4, Brox, and PPP1CB Genes Expression. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7462-7477.	4.1	4
21	A flexible GAS belt responds to pore mutations changing the ion selectivity of proton-gated channels. <i>Journal of General Physiology</i> , 2022, 154, .	1.9	3
22	Lipid droplets and autophagosomes together with chaperones fine-tune expression of SGK1. <i>Journal of Cellular and Molecular Medicine</i> , 2022, , .	3.6	3
23	Multiple translational isoforms give functional specificity to serum- and glucocorticoid-induced kinase 1 (Sgk1). <i>FASEB Journal</i> , 2007, 21, A547.	0.5	0
24	A proton-independent function of ASIC in <i>Ciona intestinalis</i> . <i>FASEB Journal</i> , 2008, 22, 945.4.	0.5	0
25	Heterogeneous nuclear ribonucleoprotein A2/B1 is a novel aldosterone target gene in the rat distal colon epithelium. <i>FASEB Journal</i> , 2013, 27, 1148.8.	0.5	0