Cecilia M Canessa

List of Publications by Year
in descending order

25	1,823	567281 15	677142 22
papers	citations	h-index	g-index

27	27	27	1572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A flexible GAS belt responds to pore mutations changing the ion selectivity of proton-gated channels. Journal of General Physiology, 2022, 154, .	1.9	3
2	Lipid droplets and autophagosomes together with chaperones fineâ€tune expression of SGK1. Journal of Cellular and Molecular Medicine, 2022, , .	3.6	3
3	An arginine residue in the outer segment of hASIC1a TM1 affects both proton affinity and channel desensitization. Journal of General Physiology, 2021, 153, .	1.9	8
4	Structure and analysis of nanobody binding to the human ASIC1a ion channel. ELife, 2021, 10, .	6.0	10
5	A valve-like mechanism controls desensitization of functional mammalian isoforms of acid-sensing ion channels. ELife, 2019, 8, .	6.0	21
6	The Neuronal-Specific SGK1.1 (SGK1_v2) Kinase as a Transcriptional Modulator of BAG4, Brox, and PPP1CB Genes Expression. International Journal of Molecular Sciences, 2015, 16, 7462-7477.	4.1	4
7	A Method for Activation of Endogenous Acid-sensing Ion Channel 1a (ASIC1a) in the Nervous System with High Spatial and Temporal Precision. Journal of Biological Chemistry, 2014, 289, 15441-15448.	3.4	13
8	Heterogeneous nuclear ribonucleoprotein A2/B1 is a novel aldosterone target gene in the rat distal colon epithelium. FASEB Journal, 2013, 27, 1148.8.	0.5	0
9	Outlines of the pore in open and closed conformations describe the gating mechanism of ASIC1. Nature Communications, 2011, 2, 399.	12.8	50
10	Leu85 in the Î²1-Î²2 Linker of ASIC1 Slows Activation and Decreases the Apparent Proton Affinity by Stabilizing a Closed Conformation. Journal of Biological Chemistry, 2010, 285, 22706-22712.	3.4	32
11	Asn415 in the Î²11-Î²12 Linker Decreases Proton-dependent Desensitization of ASIC1. Journal of Biological Chemistry, 2010, 285, 31285-31291.	3.4	32
12	Two residues in the extracellular domain convert a nonfunctional ASIC1 into a proton-activated channel. American Journal of Physiology - Cell Physiology, 2010, 299, C66-C73.	4.6	25
13	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. Journal of Biological Chemistry, 2009, 284, 4689-4694.	3.4	80
14	A brain-specific SGK1 splice isoform regulates expression of ASIC1 in neurons. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4459-4464.	7.1	56
15	Simple chordates exhibit a protonâ€independent function of acidâ€sensing ion channels. FASEB Journal, 2008, 22, 1914-1923.	0.5	34
16	A protonâ€independent function of ASIC in Ciona intestinalis. FASEB Journal, 2008, 22, 945.4.	0.5	0
17	Unexpected opening. Nature, 2007, 449, 293-294.	27.8	28
18	Multiple translational isoforms give functional specificity to serumâ€and glucocorticoidâ€induced kinase 1 (Sgk1). FASEB Journal, 2007, 21, A547.	0.5	0

#	Article	IF	Citations
19	An amphipathic helix targets serum and glucocorticoid-induced kinase 1 to the endoplasmic reticulum-associated ubiquitin-conjugation machinery. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11178-11183.	7.1	79
20	Distribution, subcellular localization and ontogeny of ASIC1 in the mammalian central nervous system. Journal of Physiology, 2003, 546, 77-87.	2.9	183
21	Distribution and regulation of expression of serumâ€•and glucocorticoidâ€‹induced kinaseâ€‹1 in the rat kidney. Journal of Physiology, 2003, 551, 455-466.	2.9	49
22	Single Channel Properties of Rat Acidâ€“sensitive Ion Channel-1Î±, -2a, and -3 Expressed in Xenopus Oocytes. Journal of General Physiology, 2002, 120, 553-566.	1.9	71
23	Heterologous expression of a mammalian epithelial sodium channel in yeast. FEBS Letters, 2000, 481, 77-80.	2.8	11
24	Structure and Regulation of Amiloride-Sensitive Sodium Channels. Annual Review of Physiology, 2000, 62, 573-594.	13.1	306
25	Hypertension caused by a truncated epithelial sodium channel Î³ subunit: genetic heterogeneity of Liddle syndrome. Nature Genetics, 1995, 11, 76-82.	21.4	725