

Aubin Penna

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,507
citations

516710

16
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

3213
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide RNAi screen of Ca ²⁺ influx identifies genes that regulate Ca ²⁺ release-activated Ca ²⁺ channel activity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9357-9362.	7.1	802
2	The CRAC channel consists of a tetramer formed by Stim-induced dimerization of Orai dimers. Nature, 2008, 456, 116-120.	27.8	354
3	Orai1 and STIM1 move to the immunological synapse and are up-regulated during T cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2011-2016.	7.1	231
4	Store-dependent and -independent Modes Regulating Ca ²⁺ Release-activated Ca ²⁺ Channel Activity of Human Orai1 and Orai3. Journal of Biological Chemistry, 2008, 283, 17662-17671.	3.4	167
5	The Human Rho-GEF Trio and Its Target GTPase RhoG Are Involved in the NGF Pathway, Leading to Neurite Outgrowth. Current Biology, 2002, 12, 307-312.	3.9	147
6	Pharmacological Characterization and Molecular Determinants of the Activation of Transient Receptor Potential V2 Channel Orthologs by 2-Aminoethoxydiphenyl Borate. Molecular Pharmacology, 2007, 72, 1258-1268.	2.3	95
7	Subunit stoichiometry of human Orai1 and Orai3 channels in closed and open states. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17832-17837.	7.1	88
8	Identification of a Trafficking Motif Involved in the Stabilization and Polarization of P2X Receptors. Journal of Biological Chemistry, 2004, 279, 29628-29638.	3.4	78
9	PI3-kinase promotes TRPV2 activity independently of channel translocation to the plasma membrane. Cell Calcium, 2006, 39, 495-507.	2.4	78
10	Downregulation of ceramide synthase-6 during epithelial-to-mesenchymal transition reduces plasma membrane fluidity and cancer cell motility. Oncogene, 2015, 34, 996-1005.	5.9	77
11	Role of HPV E6 proteins in preventing UVB-induced release of pro-apoptotic factors from the mitochondria. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 549-560.	4.9	73
12	CD95-Mediated Calcium Signaling Promotes T Helper 17 Trafficking to Inflamed Organs in Lupus-Prone Mice. Immunity, 2016, 45, 209-223.	14.3	73
13	Phagocytosis depends on TRPV2-mediated calcium influx and requires TRPV2 in lipids rafts: alteration in macrophages from patients with cystic fibrosis. Scientific Reports, 2018, 8, 4310.	3.3	58
14	CD95 triggers Orai1-mediated localized Ca ²⁺ entry, regulates recruitment of protein kinase C (PKC) β 2, and prevents death-inducing signaling complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19072-19077.	7.1	52
15	Constitutive calcium entry and cancer: updated views and insights. European Biophysics Journal, 2017, 46, 395-413.	2.2	42
16	Lipophilic Chemicals from Diesel Exhaust Particles Trigger Calcium Response in Human Endothelial Cells via Aryl Hydrocarbon Receptor Non-Genomic Signalling. International Journal of Molecular Sciences, 2018, 19, 1429.	4.1	23
17	Western Blotting Using the Invitrogen NuPage Novex Bis Tris MiniGels. Journal of Visualized Experiments, 2007, , 264.	0.3	17
18	Precise Mapping of the CD95 Pre-Ligand Assembly Domain. PLoS ONE, 2012, 7, e46236.	2.5	16

#	ARTICLE	IF	CITATIONS
19	Insights and perspectives on calcium channel functions in the cockpit of cancerous space invaders. Cell Calcium, 2020, 90, 102251.	2.4	15
20	The CD95 signaling pathway. Communicative and Integrative Biology, 2012, 5, 190-192.	1.4	9
21	Synthetic alkyl-ether-lipid promotes TRPV2 channel trafficking through PI3K/Akt-girdin axis in cancer cells and increases mammary tumour volume. Cell Calcium, 2021, 97, 102435.	2.4	8
22	Fine Tuning of Calcium Constitutive Entry by Optogenetically-Controlled Membrane Polarization: Impact on Cell Migration. Cells, 2020, 9, 1684.	4.1	4
23	Stim-regulated Assembly And Stoichiometry Of The CRAC Channel Subunit Orai. Biophysical Journal, 2009, 96, 561a.	0.5	0
24	Molecular Mechanism of Store-Operated Ca ²⁺ Signaling and CRAC Channel Activation Mediated by STIM & Orai. , 2010, , 209-216.		0
25	Proteomics Analysis of the Drosophila CRAC Channel Complex in the Resting and Active State. Biophysical Journal, 2010, 98, 97a.	0.5	0
26	Subunit stoichiometry determination by chemical cross-linking. Protocol Exchange, 0, , .	0.3	0