

# Aubin Penna

## List of Publications by Year in descending order

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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	Synthetic alkyl-ether-lipid promotes TRPV2 channel trafficking through PI3K/Akt-girdin axis in cancer cells and increases mammary tumour volume. <i>Cell Calcium</i> , 2021, 97, 102435.	2.4	8
2	Fine Tuning of Calcium Constitutive Entry by Optogenetically-Controlled Membrane Polarization: Impact on Cell Migration. <i>Cells</i> , 2020, 9, 1684.	4.1	4
3	Insights and perspectives on calcium channel functions in the cockpit of cancerous space invaders. <i>Cell Calcium</i> , 2020, 90, 102251.	2.4	15
4	Phagocytosis depends on TRPV2-mediated calcium influx and requires TRPV2 in lipid rafts: alteration in macrophages from patients with cystic fibrosis. <i>Scientific Reports</i> , 2018, 8, 4310.	3.3	58
5	Lipophilic Chemicals from Diesel Exhaust Particles Trigger Calcium Response in Human Endothelial Cells via Aryl Hydrocarbon Receptor Non-Genomic Signaling. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1429.	4.1	23
6	Constitutive calcium entry and cancer: updated views and insights. <i>European Biophysics Journal</i> , 2017, 46, 395-413.	2.2	42
7	CD95-Mediated Calcium Signaling Promotes T Helper 17 Trafficking to Inflamed Organs in Lupus-Prone Mice. <i>Immunity</i> , 2016, 45, 209-223.	14.3	73
8	Downregulation of ceramide synthase-6 during epithelial-to-mesenchymal transition reduces plasma membrane fluidity and cancer cell motility. <i>Oncogene</i> , 2015, 34, 996-1005.	5.9	77
9	The CD95 signaling pathway. <i>Communicative and Integrative Biology</i> , 2012, 5, 190-192.	1.4	9
10	Precise Mapping of the CD95 Pre-Ligand Assembly Domain. <i>PLoS ONE</i> , 2012, 7, e46236.	2.5	16
11	Subunit stoichiometry of human Orai1 and Orai3 channels in closed and open states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17832-17837.	7.1	88
12	CD95 triggers Orai1-mediated localized Ca <sup>2+</sup> entry, regulates recruitment of protein kinase C (PKC) $\beta 2$ , and prevents death-inducing signaling complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19072-19077.	7.1	52
13	Molecular Mechanism of Store-Operated Ca <sup>2+</sup> Signaling and CRAC Channel Activation Mediated by STIM & Orai. , 2010, , 209-216.		0
14	Proteomics Analysis of the Drosophila CRAC Channel Complex in the Resting and Active State. <i>Biophysical Journal</i> , 2010, 98, 97a.	0.5	0
15	Stim-regulated Assembly And Stoichiometry Of The CRAC Channel Subunit Orai. <i>Biophysical Journal</i> , 2009, 96, 561a.	0.5	0
16	The CRAC channel consists of a tetramer formed by Stim-induced dimerization of Orai dimers. <i>Nature</i> , 2008, 456, 116-120.	27.8	354
17	Orai1 and STIM1 move to the immunological synapse and are up-regulated during T cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2011-2016.	7.1	231
18	Store-dependent and -independent Modes Regulating Ca <sup>2+</sup> Release-activated Ca <sup>2+</sup> Channel Activity of Human Orai1 and Orai3. <i>Journal of Biological Chemistry</i> , 2008, 283, 17662-17671.	3.4	167

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19	Pharmacological Characterization and Molecular Determinants of the Activation of Transient Receptor Potential V2 Channel Orthologs by 2-Aminoethoxydiphenyl Borate. <i>Molecular Pharmacology</i> , 2007, 72, 1258-1268.	2.3	95
20	Western Blotting Using the Invitrogen NuPage Novex Bis Tris MiniGels. <i>Journal of Visualized Experiments</i> , 2007, , 264.	0.3	17
21	Role of HPV E6 proteins in preventing UVB-induced release of pro-apoptotic factors from the mitochondria. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 549-560.	4.9	73
22	PI3-kinase promotes TRPV2 activity independently of channel translocation to the plasma membrane. <i>Cell Calcium</i> , 2006, 39, 495-507.	2.4	78
23	Genome-wide RNAi screen of Ca <sup>2+</sup> influx identifies genes that regulate Ca <sup>2+</sup> release-activated Ca <sup>2+</sup> channel activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9357-9362.	7.1	802
24	Identification of a Trafficking Motif Involved in the Stabilization and Polarization of P2X Receptors. <i>Journal of Biological Chemistry</i> , 2004, 279, 29628-29638.	3.4	78
25	The Human Rho-GEF Trio and Its Target GTPase RhoG Are Involved in the NGF Pathway, Leading to Neurite Outgrowth. <i>Current Biology</i> , 2002, 12, 307-312.	3.9	147
26	Subunit stoichiometry determination by chemical cross-linking. <i>Protocol Exchange</i> , 0, , .	0.3	0