

Loic Lemonnier

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,926
citations

236925

25
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

2495
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Role of Cold/Menthol-sensitive Transient Receptor Potential Melastatine Family Member 8 (TRPM8) in the Activation of Store-operated Channels in LNCaP Human Prostate Cancer Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 39423-39435.	3.4	143
2	Complex regulation of the TRPC3, 6 and 7 channel subfamily by diacylglycerol and phosphatidylinositol-4,5-bisphosphate. <i>Cell Calcium</i> , 2008, 43, 506-514.	2.4	114
3	Store-operated Ca ²⁺ channels in prostate cancer epithelial cells: function, regulation, and role in carcinogenesis. <i>Cell Calcium</i> , 2003, 33, 357-373.	2.4	108
4	Complex functions of phosphatidylinositol 4,5-bisphosphate in regulation of TRPC5 cation channels. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 457, 757-769.	2.8	105
5	Orai1 and STIM1 mediate SOCE and contribute to apoptotic resistance of pancreatic adenocarcinoma. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2263-2269.	4.1	100
6	Thrombospondin-1 Triggers Cell Migration and Development of Advanced Prostate Tumors. <i>Cancer Research</i> , 2011, 71, 7649-7658.	0.9	99
7	Two Types of Store-operated Ca ²⁺ Channels with Different Activation Modes and Molecular Origin in LNCaP Human Prostate Cancer Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 30326-30337.	3.4	92
8	PSA reduces prostate cancer cell motility by stimulating TRPM8 activity and plasma membrane expression. <i>Oncogene</i> , 2010, 29, 4611-4616.	5.9	86
9	TRP channel-associated factors are a novel protein family that regulates TRPM8 trafficking and activity. <i>Journal of Cell Biology</i> , 2015, 208, 89-107.	5.2	79
10	Epidermal TRPM8 channel isoform controls the balance between keratinocyte proliferation and differentiation in a cold-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3345-54.	7.1	74
11	Bcl-2-Dependent Modulation of Swelling-Activated Cl ⁻ Current and ClC-3 Expression in Human Prostate Cancer Epithelial Cells. <i>Cancer Research</i> , 2004, 64, 4841-4848.	0.9	73
12	TRPM8 inhibits endothelial cell migration via a non-channel function by trapping the small GTPase Rap1. <i>Journal of Cell Biology</i> , 2017, 216, 2107-2130.	5.2	66
13	Prospects for prostate cancer imaging and therapy using high-affinity TRPM8 activators. <i>Cell Calcium</i> , 2007, 41, 285-294.	2.4	64
14	Î±1-adrenergic receptors activate Ca ²⁺ -permeable cationic channels in prostate cancer epithelial cells. <i>Journal of Clinical Investigation</i> , 2003, 111, 1691-1701.	8.2	64
15	Verapamil Inhibits Proliferation of LNCaP Human Prostate Cancer Cells Influencing K ⁺ Channel Gating. <i>Molecular Pharmacology</i> , 2001, 59, 1376-1387.	2.3	63
16	Dissociation of Regulated Trafficking of TRPC3 Channels to the Plasma Membrane from Their Activation by Phospholipase C. <i>Journal of Biological Chemistry</i> , 2006, 281, 11712-11720.	3.4	59
17	The Role of Canonical Transient Receptor Potential 7 in B-cell Receptor-activated Channels. <i>Journal of Biological Chemistry</i> , 2005, 280, 35346-35351.	3.4	55
18	Regulation of Activity of Transient Receptor Potential Melastatin 8 (TRPM8) Channel by Its Short Isoforms. <i>Journal of Biological Chemistry</i> , 2012, 287, 2948-2962.	3.4	43

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19	Ca ²⁺ modulation of volume-regulated anion channels: evidence for colocalization with store-operated channels. <i>FASEB Journal</i> , 2002, 16, 1-18.	0.5	41
20	Ca ²⁺ - and Volume-sensitive Chloride Currents Are Differentially Regulated by Agonists and Store-operated Ca ²⁺ Entry. <i>Journal of General Physiology</i> , 2005, 125, 197-211.	1.9	38
21	Protection of TRPC7 cation channels from calcium inhibition by closely associated SERCA pumps. <i>FASEB Journal</i> , 2006, 20, 503-505.	0.5	38
22	Activation of mutated TRPA1 ion channel by resveratrol in human prostate cancer associated fibroblasts (CAF). <i>Molecular Carcinogenesis</i> , 2017, 56, 1851-1867.	2.7	38
23	A new human gene KCNKG encoding potassium channel regulating protein is a cancer suppressor gene candidate located in 13q14.3. <i>FEBS Letters</i> , 2003, 539, 156-160.	2.8	34
24	4TM-TRPM8 channels are new gatekeepers of the ER-mitochondria Ca ²⁺ transfer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 981-994.	4.1	29
25	Targeting of short TRPM8 isoforms induces 4TM-TRPM8-dependent apoptosis in prostate cancer cells. <i>Oncotarget</i> , 2016, 7, 29063-29080.	1.8	29
26	TRPC3 shapes the ER-mitochondria Ca ²⁺ transfer characterizing tumour-promoting senescence. <i>Nature Communications</i> , 2022, 13, 956.	12.8	29
27	2-APB inhibits volume-regulated anion channels independently from intracellular calcium signaling modulation. <i>FEBS Letters</i> , 2004, 556, 121-126.	2.8	28
28	Alterations in the regulatory volume decrease (RVD) and swelling-activated Cl ⁻ current associated with neuroendocrine differentiation of prostate cancer epithelial cells. <i>Endocrine-Related Cancer</i> , 2005, 12, 335-349.	3.1	28
29	TRPM8 and prostate: a cold case?. <i>Pflügers Archiv European Journal of Physiology</i> , 2018, 470, 1419-1429.	2.8	23
30	Functional and Modeling Studies of the Transmembrane Region of the TRPM8 Channel. <i>Biophysical Journal</i> , 2015, 109, 1840-1851.	0.5	18
31	Cold/menthol TRPM8 receptors initiate the cold shock response and protect germ cells from cold shock-induced oxidation. <i>FASEB Journal</i> , 2016, 30, 3155-3170.	0.5	17
32	Direct modulation of volume-regulated anion channels by Ca ²⁺ chelating agents. <i>FEBS Letters</i> , 2002, 521, 152-156.	2.8	12
33	Orai3 silencing alters cell proliferation and promotes mitotic catastrophe and apoptosis in pancreatic adenocarcinoma. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119023.	4.1	10
34	Î±1-adrenergic receptors activate Ca ²⁺ -permeable cationic channels in prostate cancer epithelial cells. <i>Journal of Clinical Investigation</i> , 2003, 111, 1691-1701.	8.2	10
35	Partners in Crime: Towards New Ways of Targeting Calcium Channels. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6344.	4.1	6
36	Involvement of Orai1/SOCE in Human AML Cell Lines and Primary Cells According to ABCB1 Activity, LSC Compartment and Potential Resistance to Ara-C Exposure. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5555.	4.1	5

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37	Pairing cells of different sizes in a microfluidic device for immunological synapse monitoring. Lab on A Chip, 2022, 22, 908-920.	6.0	3
38	Put in a "Ca ²⁺ " to Acute Myeloid Leukemia. Cells, 2022, 11, 543.	4.1	3
39	TRP channel-associated factors are a novel protein family that regulates TRPM8 trafficking and activity. Journal of General Physiology, 2015, 145, 1452OIA1.	1.9	0
40	Abstract 2671: Omics unveils a specific signature of tumor dormancy in two murine models of leukemia and melanoma. , 2019, , .		0