

Gabriel Bidaux

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

3,129
citations

201575

27
h-index

161767

54
g-index

59
all docs

59
docs citations

59
times ranked

4077
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional implications of calcium permeability of the channel formed by pannexin 1. <i>Journal of Cell Biology</i> , 2006, 174, 535-546.	2.3	224
2	Role of Cationic Channel TRPV2 in Promoting Prostate Cancer Migration and Progression to Androgen Resistance. <i>Cancer Research</i> , 2010, 70, 1225-1235.	0.4	200
3	Capacitative calcium entry and transient receptor potential canonical 6 expression control human hepatoma cell proliferation. <i>Hepatology</i> , 2008, 47, 2068-2077.	3.6	191
4	Remodeling of Channel-Forming ORAI Proteins Determines an Oncogenic Switch in Prostate Cancer. <i>Cancer Cell</i> , 2014, 26, 19-32.	7.7	180
5	Prostate cell differentiation status determines transient receptor potential melastatin member 8 channel subcellular localization and function. <i>Journal of Clinical Investigation</i> , 2007, 117, 1647-1657.	3.9	166
6	Lysophospholipids stimulate prostate cancer cell migration via TRPV2 channel activation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 528-539.	1.9	165
7	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.	1.6	143
8	Disruption of Mitochondria-Associated Endoplasmic Reticulum Membrane (MAM) Integrity Contributes to Muscle Insulin Resistance in Mice and Humans. <i>Diabetes</i> , 2018, 67, 636-650.	0.3	141
9	Evidence for specific TRPM8 expression in human prostate secretory epithelial cells: functional androgen receptor requirement. <i>Endocrine-Related Cancer</i> , 2005, 12, 367-382.	1.6	133
10	Intermediate-conductance Ca ²⁺ -activated K ⁺ channels (IKCa1) regulate human prostate cancer cell proliferation through a close control of calcium entry. <i>Oncogene</i> , 2009, 28, 1792-1806.	2.6	127
11	Ca ²⁺ -independent Phospholipase A2-dependent Gating of TRPM8 by Lysophospholipids. <i>Journal of Biological Chemistry</i> , 2006, 281, 40174-40182.	1.6	115
12	Ion channels in death and differentiation of prostate cancer cells. <i>Cell Death and Differentiation</i> , 2007, 14, 1295-1304.	5.0	93
13	An Update on the Multifaceted Roles of STAT3 in the Heart. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 150.	1.1	81
14	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.	2.3	79
15	The Valosin-containing Protein (VCP) Is a Target of Akt Signaling Required for Cell Survival. <i>Journal of Biological Chemistry</i> , 2006, 281, 14307-14313.	1.6	75
16	CaV3.2 T-type Calcium Channels Are Involved in Calcium-dependent Secretion of Neuroendocrine Prostate Cancer Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 10162-10173.	1.6	74
17	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.	3.3	74
18	Effect of Colchicine on Myocardial Injury in Acute Myocardial Infarction. <i>Circulation</i> , 2021, 144, 859-869.	1.6	74

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19	Optimal Differentiation of In Vitro Keratinocytes Requires Multifactorial External Control. PLoS ONE, 2013, 8, e77507.	1.1	74
20	Prospects for prostate cancer imaging and therapy using high-affinity TRPM8 activators. Cell Calcium, 2007, 41, 285-294.	1.1	64
21	Voltage- and cold-dependent gating of single TRPM8 ion channels. Journal of General Physiology, 2011, 137, 173-195.	0.9	60
22	Calcium channels, external calcium concentration and cell proliferation. European Journal of Pharmacology, 2014, 739, 19-25.	1.7	53
23	The Transient Receptor Potential Channel TRPM8 Is Inhibited via the $\hat{I}\pm 2A$ Adrenoreceptor Signaling Pathway. Journal of Biological Chemistry, 2010, 285, 9410-9419.	1.6	51
24	Regulation of Activity of Transient Receptor Potential Melastatin 8 (TRPM8) Channel by Its Short Isoforms. Journal of Biological Chemistry, 2012, 287, 2948-2962.	1.6	43
25	Activation of TRPA1 Channel by Antibacterial Agent Triclosan Induces VEGF Secretion in Human Prostate Cancer Stromal Cells. Cancer Prevention Research, 2017, 10, 177-187.	0.7	34
26	A role for voltage gated T-type calcium channels in mediating "capacitative" calcium entry?. Cell Calcium, 2006, 39, 357-366.	1.1	31
27	Differential role of TRP channels in prostate cancer. Biochemical Society Transactions, 2007, 35, 133-135.	1.6	29
28	4TM-TRPM8 channels are new gatekeepers of the ER-mitochondria Ca ²⁺ transfer. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 981-994.	1.9	29
29	Targeting of short TRPM8 isoforms induces 4TM-TRPM8-dependent apoptosis in prostate cancer cells. Oncotarget, 2016, 7, 29063-29080.	0.8	29
30	Are Orai1 and Orai3 channels more important than calcium influx for cell proliferation?. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 464-472.	1.9	25
31	Prolactin stimulates prostate cell proliferation by increasing endoplasmic reticulum content due to SERCA 2b over-expression. Biochemical Journal, 2007, 401, 49-55.	1.7	24
32	Functional and Modeling Studies of the Transmembrane Region of the TRPM8 Channel. Biophysical Journal, 2015, 109, 1840-1851.	0.2	18
33	Cold/menthol TRPM8 receptors initiate the cold "shock" response and protect germ cells from cold "shock" induced oxidation. FASEB Journal, 2016, 30, 3155-3170.	0.2	17
34	Organelle membrane derived patches: reshaping classical methods for new targets. Scientific Reports, 2017, 7, 14082.	1.6	16
35	Ku86 is important for TrkA overexpression induced breast cancer cell invasion. Proteomics - Clinical Applications, 2010, 4, 580-590.	0.8	15
36	Short Isoforms of the Cold Receptor TRPM8 Inhibit Channel Gating by Mimicking Heat Action Rather than Chemical Inhibitors. Journal of Biological Chemistry, 2012, 287, 2963-2970.	1.6	15

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37	Fine-tuning of eTRPM8 expression and activity conditions keratinocyte fate. <i>Channels</i> , 2016, 10, 320-331.	1.5	15
38	Improved photodynamic effect through encapsulation of two photosensitizers in lipid nanocapsules. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5949-5963.	2.9	15
39	A modified calcium retention capacity assay clarifies the roles of extra- and intracellular calcium pools in mitochondrial permeability transition pore opening. <i>Journal of Biological Chemistry</i> , 2019, 294, 15282-15292.	1.6	13
40	Evolution of the human cold/menthol receptor, TRPM8. <i>Molecular Phylogenetics and Evolution</i> , 2019, 136, 104-118.	1.2	13
41	Caveolae Contribute to the Apoptosis Resistance Induced by the β 1-Adrenoceptor in Androgen-Independent Prostate Cancer Cells. <i>PLoS ONE</i> , 2009, 4, e7068.	1.1	12
42	Kinetics and prognostic value of soluble VCAM-1 in ST-segment elevation myocardial infarction patients. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 493-501.	1.3	12
43	Critical appraisal of STAT3 pattern in adult cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 131, 91-100.	0.9	11
44	FRET Image Correlation Spectroscopy Reveals RNAPII-Independent P-TEFb Recruitment on Chromatin. <i>Biophysical Journal</i> , 2018, 114, 522-533.	0.2	10
45	ANT2-Mediated ATP Import into Mitochondria Protects against Hypoxia Lethal Injury. <i>Cells</i> , 2020, 9, 2542.	1.8	10
46	Control of cell death/survival balance by the MET dependence receptor. <i>ELife</i> , 2020, 9, .	2.8	10
47	Acute Induction of Translocon-Mediated Ca ²⁺ Leak Protects Cardiomyocytes Against Ischemia/Reperfusion Injury. <i>Cells</i> , 2020, 9, 1319.	1.8	9
48	Impact of Age on Systemic Inflammatory Profile of Patients With ST-Segment Elevation Myocardial Infarction and Acute Ischemic Stroke. <i>Stroke</i> , 2022, 53, 2249-2259.	1.0	9
49	Co-targeting Mitochondrial Ca ²⁺ Homeostasis and Autophagy Enhances Cancer Cells' Chemosensitivity. <i>iScience</i> , 2020, 23, 101263.	1.9	8
50	HEXIM1 Diffusion in the Nucleus Is Regulated by Its Interactions with Both 7SK and P-TEFb. <i>Biophysical Journal</i> , 2019, 117, 1615-1625.	0.2	7
51	Cooling Uncouples Differentially ROS Production from Respiration and Ca ²⁺ Homeostasis Dynamic in Brain and Heart Mitochondria. <i>Cells</i> , 2022, 11, 989.	1.8	7
52	A Dynamic Transcriptional Analysis Reveals IL-6 Axis as a Prominent Mediator of Surgical Acute Response in Non-ischemic Mouse Heart. <i>Frontiers in Physiology</i> , 2019, 10, 1370.	1.3	1
53	Addendum: Gouriou et al. ANT2-Mediated ATP Import into Mitochondria Protects against Hypoxia Lethal Injury. <i>Cells</i> 2020, 9, 2542. <i>Cells</i> , 2021, 10, 2171.	1.8	1
54	Are Calcium Channels More Important Than Calcium Influx for Cell Proliferation?. , 2013, , 65-92.		0

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55	TRP channel-associated factors are a novel protein family that regulates TRPM8 trafficking and activity. <i>Journal of General Physiology</i> , 2015, 145, 1452-1461.	0.9	0
56	Optical measurement tools for molecular dynamics studies applied to transcription factors. , 2019, , .		0