

Gabriel Bidaux

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55
papers

2,521
citations

25
h-index

50
g-index

59
ext. papers

2,932
ext. citations

5.8
avg, IF

4.31
L-index

#	Paper	IF	Citations
55	Functional implications of calcium permeability of the channel formed by pannexin 1. <i>Journal of Cell Biology</i> , 2006 , 174, 535-46	7.3	182
54	Capacitative calcium entry and transient receptor potential canonical 6 expression control human hepatoma cell proliferation. <i>Hepatology</i> , 2008 , 47, 2068-77	11.2	162
53	Role of cationic channel TRPV2 in promoting prostate cancer migration and progression to androgen resistance. <i>Cancer Research</i> , 2010 , 70, 1225-35	10.1	157
52	Remodeling of channel-forming ORAI proteins determines an oncogenic switch in prostate cancer. <i>Cancer Cell</i> , 2014 , 26, 19-32	24.3	144
51	Prostate cell differentiation status determines transient receptor potential melastatin member 8 channel subcellular localization and function. <i>Journal of Clinical Investigation</i> , 2007 , 117, 1647-57	15.9	143
50	Lysophospholipids stimulate prostate cancer cell migration via TRPV2 channel activation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009 , 1793, 528-39	4.9	141
49	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, 39423-35	5.4	126
48	Evidence for specific TRPM8 expression in human prostate secretory epithelial cells: functional androgen receptor requirement. <i>Endocrine-Related Cancer</i> , 2005 , 12, 367-82	5.7	118
47	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, 1792-806	9.2	108
46	Ca ²⁺ -independent phospholipase A2-dependent gating of TRPM8 by lysophospholipids. <i>Journal of Biological Chemistry</i> , 2006 , 281, 40174-82	5.4	107
45	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	0.9	94
44	Ion channels in death and differentiation of prostate cancer cells. <i>Cell Death and Differentiation</i> , 2007 , 14, 1295-304	12.7	84
43	Functional implications of calcium permeability of the channel formed by pannexin 1. <i>Journal of Cell Biology</i> , 2013 , 201, 777-777	7.3	78
42	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, 10162-73	5.4	65
41	The valosin-containing protein (VCP) is a target of Akt signaling required for cell survival. <i>Journal of Biological Chemistry</i> , 2006 , 281, 14307-13	5.4	64
40	Prospects for prostate cancer imaging and therapy using high-affinity TRPM8 activators. <i>Cell Calcium</i> , 2007 , 41, 285-94	4	59
39	Optimal differentiation of in vitro keratinocytes requires multifactorial external control. <i>PLoS ONE</i> , 2013 , 8, e77507	3.7	58

38	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	11.5	53
37	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	7.3	50
36	The transient receptor potential channel TRPM8 is inhibited via the alpha 2A adrenoreceptor signaling pathway. <i>Journal of Biological Chemistry</i> , 2010 , 285, 9410-9419	5.4	48
35	Voltage- and cold-dependent gating of single TRPM8 ion channels. <i>Journal of General Physiology</i> , 2011 , 137, 173-95	3.4	47
34	Calcium channels, external calcium concentration and cell proliferation. <i>European Journal of Pharmacology</i> , 2014 , 739, 19-25	5.3	41
33	An Update on the Multifaceted Roles of STAT3 in the Heart. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 150	5.4	36
32	Regulation of activity of transient receptor potential melastatin 8 (TRPM8) channel by its short isoforms. <i>Journal of Biological Chemistry</i> , 2012 , 287, 2948-62	5.4	35
31	A role for voltage gated T-type calcium channels in mediating "capacitative" calcium entry?. <i>Cell Calcium</i> , 2006 , 39, 357-66	4	30
30	Differential role of TRP channels in prostate cancer. <i>Biochemical Society Transactions</i> , 2007 , 35, 133-5	5.1	25
29	Activation of TRPA1 Channel by Antibacterial Agent Triclosan Induces VEGF Secretion in Human Prostate Cancer Stromal Cells. <i>Cancer Prevention Research</i> , 2017 , 10, 177-187	3.2	23
28	Are Orai1 and Orai3 channels more important than calcium influx for cell proliferation?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 464-72	4.9	23
27	Targeting of short TRPM8 isoforms induces 4TM-TRPM8-dependent apoptosis in prostate cancer cells. <i>Oncotarget</i> , 2016 , 7, 29063-80	3.3	22
26	Prolactin stimulates prostate cell proliferation by increasing endoplasmic reticulum content due to SERCA 2b over-expression. <i>Biochemical Journal</i> , 2007 , 401, 49-55	3.8	21
25	Effect of Colchicine on Myocardial Injury in Acute Myocardial Infarction. <i>Circulation</i> , 2021 , 144, 859-869	16.7	18
24	4TM-TRPM8 channels are new gatekeepers of the ER-mitochondria Ca transfer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018 , 1865, 981-994	4.9	17
23	Short isoforms of the cold receptor TRPM8 inhibit channel gating by mimicking heat action rather than chemical inhibitors. <i>Journal of Biological Chemistry</i> , 2012 , 287, 2963-70	5.4	14
22	Ku86 is important for TrkA overexpression-induced breast cancer cell invasion. <i>Proteomics - Clinical Applications</i> , 2010 , 4, 580-90	3.1	14
21	Functional and Modeling Studies of the Transmembrane Region of the TRPM8 Channel. <i>Biophysical Journal</i> , 2015 , 109, 1840-51	2.9	13

20	Fine-tuning of eTRPM8 expression and activity conditions keratinocyte fate. <i>Channels</i> , 2016 , 10, 320-31	3	11
19	Cold/menthol TRPM8 receptors initiate the cold-shock response and protect germ cells from cold-shock-induced oxidation. <i>FASEB Journal</i> , 2016 , 30, 3155-70	0.9	10
18	Organelle membrane derived patches: reshaping classical methods for new targets. <i>Scientific Reports</i> , 2017 , 7, 14082	4.9	9
17	Evolution of the human cold/menthol receptor, TRPM8. <i>Molecular Phylogenetics and Evolution</i> , 2019 , 136, 104-118	4.1	9
16	Improved photodynamic effect through encapsulation of two photosensitizers in lipid nanocapsules. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5949-5963	7.3	9
15	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	5.4	8
14	Caveolae contribute to the apoptosis resistance induced by the alpha(1A)-adrenoceptor in androgen-independent prostate cancer cells. <i>PLoS ONE</i> , 2009 , 4, e7068	3.7	8
13	ANT2-Mediated ATP Import into Mitochondria Protects against Hypoxia Lethal Injury. <i>Cells</i> , 2020 , 9,	7.9	6
12	Critical appraisal of STAT3 pattern in adult cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 131, 91-100	5.8	5
11	FRET Image Correlation Spectroscopy Reveals RNAPII-Independent P-TEFb Recruitment on Chromatin. <i>Biophysical Journal</i> , 2018 , 114, 522-533	2.9	5
10	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	2.4	5
9	Acute Induction of Translocon-Mediated Ca Leak Protects Cardiomyocytes Against Ischemia/Reperfusion Injury. <i>Cells</i> , 2020 , 9,	7.9	3
8	HEXIM1 Diffusion in the Nucleus Is Regulated by Its Interactions with Both 7SK and P-TEFb. <i>Biophysical Journal</i> , 2019 , 117, 1615-1625	2.9	3
7	Control of cell death/survival balance by the MET dependence receptor. <i>ELife</i> , 2020 , 9,	8.9	3
6	Co-targeting Mitochondrial Ca Homeostasis and Autophagy Enhances Cancer CellsS Chemosensitivity. <i>IScience</i> , 2020 , 23, 101263	6.1	2
5	Impact of Age on Systemic Inflammatory Profile of Patients With ST-Segment-Elevation Myocardial Infarction and Acute Ischemic Stroke.. <i>Stroke</i> , 2022 , 101161STROKEAHA121036806	6.7	2
4	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	7.9	1
3	TRP channel-associated factors are a novel protein family that regulates TRPM8 trafficking and activity. <i>Journal of General Physiology</i> , 2015 , 145, 1452OIA1	3.4	

2 Are Calcium Channels More Important Than Calcium Influx for Cell Proliferation? **2013**, 65-92

1 A Dynamic Transcriptional Analysis Reveals IL-6 Axis as a Prominent Mediator of Surgical Acute Response in Non-ischemic Mouse Heart. *Frontiers in Physiology*, **2019**, 10, 1370

4.6