

Pierre Vacher

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,596
citations

361045

20
h-index

301761

39
g-index

51
all docs

51
docs citations

51
times ranked

2326
citing authors

#	ARTICLE	IF	CITATIONS
1	Oscillations of cytosolic Ca ²⁺ in pituitary cells due to action potentials. <i>Nature</i> , 1987, 329, 719-721.	13.7	346
2	The Naturally Processed CD95L Elicits a c-Yes/Calcium/PI3K-Driven Cell Migration Pathway. <i>PLoS Biology</i> , 2011, 9, e1001090.	2.6	92
3	CD95L Cell Surface Cleavage Triggers a Prometastatic Signaling Pathway in Triple-Negative Breast Cancer. <i>Cancer Research</i> , 2013, 73, 6711-6721.	0.4	91
4	Pore Formation Induced by an Antimicrobial Peptide: Electrostatic Effects. <i>Biophysical Journal</i> , 2008, 95, 5748-5756.	0.2	88
5	Glucotoxicity Inhibits Late Steps of Insulin Exocytosis. <i>Endocrinology</i> , 2007, 148, 1605-1614.	1.4	76
6	Role of Tyrosine Phosphorylation in Potassium Channel Activation. <i>Journal of Biological Chemistry</i> , 1995, 270, 24292-24299.	1.6	73
7	CD95-Mediated Calcium Signaling Promotes T Helper 17 Trafficking to Inflamed Organs in Lupus-Prone Mice. <i>Immunity</i> , 2016, 45, 209-223.	6.6	73
8	Somatostatin Blocks Ca ²⁺ Action Potential Activity in Prolactin-Secreting Pituitary Tumor Cells through Coordinate Actions on K ⁺ and Ca ²⁺ Conductances*. <i>Endocrinology</i> , 1988, 123, 721-732.	1.4	68
9	TRAIL receptor gene editing unveils TRAIL-R1 as a master player of apoptosis induced by TRAIL and ER stress. <i>Oncotarget</i> , 2017, 8, 9974-9985.	0.8	68
10	mTORC1 inhibition in cancer cells protects from glutaminolysis-mediated apoptosis during nutrient limitation. <i>Nature Communications</i> , 2017, 8, 14124.	5.8	62
11	CD95 triggers Orai1-mediated localized Ca ²⁺ entry, regulates recruitment of protein kinase C (PKC) β 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.	3.3	52
12	The antidepressant fluoxetine induces necrosis by energy depletion and mitochondrial calcium overload. <i>Oncotarget</i> , 2017, 8, 3181-3196.	0.8	39
13	Effects of prolactin on intracellular calcium concentration and cell proliferation in human glioma cells. <i>Glia</i> , 2002, 38, 200-214.	2.5	34
14	CD95/Fas and metastatic disease: What does not kill you makes you stronger. <i>Seminars in Cancer Biology</i> , 2020, 60, 121-131.	4.3	31
15	Multilevel control of glucose homeostasis by adenylyl cyclase 8. <i>Diabetologia</i> , 2015, 58, 749-757.	2.9	29
16	\hat{I} -Latrotoxin Induces Exocytosis by Inhibition of Voltage-dependent K ⁺ Channels and by Stimulation of L-type Ca ²⁺ Channels via Latrophilin in β 2-Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 5522-5531.	1.6	27
17	Localized Store-Operated Calcium Influx Represses CD95-Dependent Apoptotic Effects of Rituximab in Non-Hodgkin B Lymphomas. <i>Journal of Immunology</i> , 2015, 195, 2207-2215.	0.4	26
18	IgE Inhibits Toll-like Receptor 7 and Toll-like Receptor 9-Mediated Expression of Interferon β by Plasmacytoid Dendritic Cells in Patients With Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2016, 68, 2221-2231.	2.9	23

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19	Disrupting the CD95-PLC β 1 interaction prevents Th17-driven inflammation. <i>Nature Chemical Biology</i> , 2018, 14, 1079-1089.	3.9	23
20	Selectins impair regulatory T cell function and contribute to systemic lupus erythematosus pathogenesis. <i>Science Translational Medicine</i> , 2021, 13, eabi4994.	5.8	22
21	Distinct Cytoplasmic Regions of the Prolactin Receptor Are Required for Prolactin-induced Calcium Entry. <i>Journal of Biological Chemistry</i> , 1998, 273, 28461-28469.	1.6	21
22	Role of store-dependent influx of Ca $^{2+}$ and efflux of K $^{+}$ in apoptosis of CHO cells. <i>Cell Calcium</i> , 2004, 36, 421-430.	1.1	21
23	The Role of the Anti-Aging Protein Klotho in IGF-1 Signaling and Reticular Calcium Leak: Impact on the Chemosensitivity of Dedifferentiated Liposarcomas. <i>Cancers</i> , 2018, 10, 439.	1.7	19
24	Two parallel pathways connect glutamine metabolism and mTORC1 activity to regulate glutamoptosis. <i>Nature Communications</i> , 2021, 12, 4814.	5.8	19
25	The cleaved FAS ligand activates the Na $^{+}$ /H $^{+}$ exchanger NHE1 through Akt/ROCK1 to stimulate cell motility. <i>Scientific Reports</i> , 2016, 6, 28008.	1.6	17
26	Arachidonic Acid-Induced Hormone Release in Somatotropes: Involvement of Calcium. <i>Neuroendocrinology</i> , 1996, 63, 244-256.	1.2	16
27	Full-Spectral Multiplexing of Bioluminescence Resonance Energy Transfer in Three TRPV Channels. <i>Biophysical Journal</i> , 2017, 112, 87-98.	0.2	16
28	Mechanosensitivity in Pulmonary Circulation: Pathophysiological Relevance of Stretch-Activated Channels in Pulmonary Hypertension. <i>Biomolecules</i> , 2021, 11, 1389.	1.8	16
29	Role of Calcium Signaling in GA101-Induced Cell Death in Malignant Human B Cells. <i>Cancers</i> , 2019, 11, 291.	1.7	13
30	Simultaneous Monitoring of Cytosolic Free Calcium and Exocytosis at the Single Cell Level. <i>Journal of Neuroendocrinology</i> , 1991, 3, 253-260.	1.2	11
31	Modulation of Ca $^{2+}$ influx by protein phosphorylation in single intact clonal pituitary cells. <i>European Journal of Pharmacology</i> , 1992, 227, 173-180.	2.7	10
32	Does calcium contribute to the CD95 signaling pathway?. <i>Anti-Cancer Drugs</i> , 2011, 22, 481-487.	0.7	9
33	The CD95 signaling pathway. <i>Communicative and Integrative Biology</i> , 2012, 5, 190-192.	0.6	9
34	Voltage-dependent ionic conductances in the human malignant astrocytoma cell line U87-MG. <i>Molecular Membrane Biology</i> , 2003, 20, 329-343.	2.0	8
35	Soluble CD95L in cancers and chronic inflammatory disorders, a new therapeutic target?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188596.	3.3	7
36	Targeting CAMKK2 and SOC Channels as a Novel Therapeutic Approach for Sensitizing Acute Promyelocytic Leukemia Cells to All-Trans Retinoic Acid. <i>Cells</i> , 2021, 10, 3364.	1.8	7

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37	GnRH-Associated Peptide Decreases Cyclic AMP Accumulation in the GH ₃ Pituitary Cell Line. <i>Neuroendocrinology</i> , 1993, 58, 251-257.	1.2	6
38	Fas/CD95 Signaling Pathway in Damage-Associated Molecular Pattern (DAMP)-Sensing Receptors. <i>Cells</i> , 2022, 11, 1438.	1.8	6
39	Effects of Prolactin on Ionic Membrane Conductances in the Human Malignant Astrocytoma Cell Line U87-MG. <i>Journal of Neurophysiology</i> , 2004, 91, 1203-1216.	0.9	5
40	TRAIL Triggers CRAC-Dependent Calcium Influx and Apoptosis through the Recruitment of Autophagy Proteins to Death-Inducing Signaling Complex. <i>Cells</i> , 2022, 11, 57.	1.8	5
41	CD95-Mediated Calcium Signaling. <i>Methods in Molecular Biology</i> , 2017, 1557, 79-93.	0.4	4
42	Cell Confluence Modulates TRPV4 Channel Activity in Response to Hypoxia. <i>Biomolecules</i> , 2022, 12, 954.	1.8	3
43	Keeping Cell Death Alive: An Introduction into the French Cell Death Research Network. <i>Biomolecules</i> , 2022, 12, 901.	1.8	2
44	Synthesis of peptidomimetics and chemo-biological tools for CD95/PLC β 1 interaction analysis. <i>Biorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2094-2099.	1.0	1
45	NiONP-Induced Oxidative Stress and Mitochondrial Impairment in an In Vitro Pulmonary Vascular Cell Model Mimicking Endothelial Dysfunction. <i>Antioxidants</i> , 2022, 11, 847.	2.2	1
46	Spontaneous and agonist-induced calcium oscillations in single human nonfunctioning adenoma cells. <i>Endocrine</i> , 1996, 4, 123-132.	2.2	0
47	Visualization of intracellular Ca ²⁺ dynamics with third-harmonic generation microscopy. , 2002, , .		0
48	R10: Effets apoptotiques des antidépresseurs de la famille du Prozac. <i>Bulletin Du Cancer</i> , 2010, 97, S20.	0.6	0
49	Abstract 3723: Regulation of TRAIL-induced apoptotic signaling by the autophagy receptor p62 in acute promyelocytic leukemia cells. , 2016, , .		0