Pierre Vacher

List of Publications by Year
in descending order

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Version: 2024-02-01

49	1,596	361413 20	302126 39
papers	citations	h-index	g-index

51	51	51	2326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TRAIL Triggers CRAC-Dependent Calcium Influx and Apoptosis through the Recruitment of Autophagy Proteins to Death-Inducing Signaling Complex. Cells, 2022, 11, 57.	4.1	5
2	NiONP-Induced Oxidative Stress and Mitochondrial Impairment in an In Vitro Pulmonary Vascular Cell Model Mimicking Endothelial Dysfunction. Antioxidants, 2022, 11, 847.	5.1	1
3	Fas/CD95 Signaling Pathway in Damage-Associated Molecular Pattern (DAMP)-Sensing Receptors. Cells, 2022, 11, 1438.	4.1	6
4	Keeping Cell Death Alive: An Introduction into the French Cell Death Research Network. Biomolecules, 2022, 12, 901.	4.0	2
5	Cell Confluence Modulates TRPV4 Channel Activity in Response to Hypoxia. Biomolecules, 2022, 12, 954.	4.0	3
6	Selectins impair regulatory T cell function and contribute to systemic lupus erythematosus pathogenesis. Science Translational Medicine, 2021, 13, eabi4994.	12.4	22
7	Two parallel pathways connect glutamine metabolism and mTORC1 activity to regulate glutamoptosis. Nature Communications, 2021, 12, 4814.	12.8	19
8	Mechanosensitivity in Pulmonary Circulation: Pathophysiological Relevance of Stretch-Activated Channels in Pulmonary Hypertension. Biomolecules, 2021, 11, 1389.	4.0	16
9	Soluble CD95L in cancers and chronic inflammatory disorders, a new therapeutic target?. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188596.	7.4	7
10	Targeting CAMKK2 and SOC Channels as a Novel Therapeutic Approach for Sensitizing Acute Promyelocytic Leukemia Cells to All-Trans Retinoic Acid. Cells, 2021, 10, 3364.	4.1	7
11	CD95/Fas and metastatic disease: What does not kill you makes you stronger. Seminars in Cancer Biology, 2020, 60, 121-131.	9.6	31
12	Synthesis of peptidomimetics and chemo-biological tools for CD95/PLCÎ³1 interaction analysis. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2094-2099.	2.2	1
13	Role of Calcium Signaling in GA101-Induced Cell Death in Malignant Human B Cells. Cancers, 2019, 11, 291.	3.7	13
14	The Role of the Anti-Aging Protein Klotho in IGF-1 Signaling and Reticular Calcium Leak: Impact on the Chemosensitivity of Dedifferentiated Liposarcomas. Cancers, 2018, 10, 439.	3.7	19
15	Disrupting the CD95â€“PLCÎ³1 interaction prevents Th17-driven inflammation. Nature Chemical Biology, 2018, 14, 1079-1089.	8.0	23
16	Full-Spectral Multiplexing of Bioluminescence Resonance Energy Transfer in Three TRPV Channels. Biophysical Journal, 2017, 112, 87-98.	0.5	16
17	CD95-Mediated Calcium Signaling. Methods in Molecular Biology, 2017, 1557, 79-93.	0.9	4
18	mTORC1 inhibition in cancer cells protects from glutaminolysis-mediated apoptosis during nutrient limitation. Nature Communications, 2017, 8, 14124.	12.8	62

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19	The antidepressant fluoxetine induces necrosis by energy depletion and mitochondrial calcium overload. Oncotarget, 2017, 8, 3181-3196.	1.8	39
20	TRAIL receptor gene editing unveils TRAIL-R1 as a master player of apoptosis induced by TRAIL and ER stress. Oncotarget, 2017, 8, 9974-9985.	1.8	68
21	The cleaved FAS ligand activates the Na+/H+ exchanger NHE1 through Akt/ROCK1 to stimulate cell motility. Scientific Reports, 2016, 6, 28008.	3.3	17
22	CD95-Mediated Calcium Signaling Promotes T Helper 17 Trafficking to Inflamed Organs in Lupus-Prone Mice. Immunity, 2016, 45, 209-223.	14.3	73
23	IgE Inhibits Tollâ€like Receptor 7â€“ and Tollâ€like Receptor 9â€“Mediated Expression of Interferonâ€Îı by Plasmacytoid Dendritic Cells in Patients With Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2016, 68, 2221-2231.	5.6	23
24	Abstract 3723: Regulation of TRAIL-induced apoptotic signaling by the autophagy receptor p62 in acute promyelocytic leukemia cells. , 2016, , .		0
25	Localized Store-Operated Calcium Influx Represses CD95-Dependent Apoptotic Effects of Rituximab in Non-Hodgkin B Lymphomas. Journal of Immunology, 2015, 195, 2207-2215.	0.8	26
26	Multilevel control of glucose homeostasis by adenylyl cyclase 8. Diabetologia, 2015, 58, 749-757.	6.3	29
27	CD95L Cell Surface Cleavage Triggers a Prometastatic Signaling Pathway in Triple-Negative Breast Cancer. Cancer Research, 2013, 73, 6711-6721.	0.9	91
28	The CD95 signaling pathway. Communicative and Integrative Biology, 2012, 5, 190-192.	1.4	9
29	Does calcium contribute to the CD95 signaling pathway?. Anti-Cancer Drugs, 2011, 22, 481-487.	1.4	9
30	CD95 triggers Orai1-mediated localized Ca²⁺entry, regulates recruitment of protein kinase C (PKC) Î²2, and prevents death-inducing signaling complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19072-19077.	7.1	52
31	The Naturally Processed CD95L Elicits a c-Yes/Calcium/PI3K-Driven Cell Migration Pathway. PLoS Biology, 2011, 9, e1001090.	5.6	92
32	R10: Effets apoptotiques des antidÃ©presseurs de la famille du Prozac. Bulletin Du Cancer, 2010, 97, S20.	1.6	0
33	Pore Formation Induced by an Antimicrobial Peptide: Electrostatic Effects. Biophysical Journal, 2008, 95, 5748-5756.	0.5	88
34	Glucotoxicity Inhibits Late Steps of Insulin Exocytosis. Endocrinology, 2007, 148, 1605-1614.	2.8	76
35	Î±-Latrotoxin Induces Exocytosis by Inhibition of Voltage-dependent K+ Channels and by Stimulation of L-type Ca2+ Channels via Latrophilin in Î²-Cells. Journal of Biological Chemistry, 2006, 281, 5522-5531.	3.4	27
36	Effects of Prolactin on Ionic Membrane Conductances in the Human Malignant Astrocytoma Cell Line U87-MG. Journal of Neurophysiology, 2004, 91, 1203-1216.	1.8	5

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37	Role of store-dependent influx of Ca2+ and efflux of K+ in apoptosis of CHO cells. Cell Calcium, 2004, 36, 421-430.	2.4	21
38	Voltage-dependent ionic conductances in the human malignant astrocytoma cell line U87-MG. Molecular Membrane Biology, 2003, 20, 329-343.	2.0	8
39	Visualization of intracellular Ca2+dynamics with third-harmonic generation microscopy. , 2002, , .		0
40	Effects of prolactin on intracellular calcium concentration and cell proliferation in human glioma cells. Glia, 2002, 38, 200-214.	4.9	34
41	Distinct Cytoplasmic Regions of the Prolactin Receptor Are Required for Prolactin-induced Calcium Entry. Journal of Biological Chemistry, 1998, 273, 28461-28469.	3.4	21
42	Arachidonic Acid-Induced Hormone Release in Somatotropes: Involvement of Calcium. Neuroendocrinology, 1996, 63, 244-256.	2.5	16
43	Spontaneous and agonist-induced calcium oscillations in single human nonfunctioning adenoma cells. Endocrine, 1996, 4, 123-132.	2.2	0
44	Role of Tyrosine Phosphorylation in Potassium Channel Activation. Journal of Biological Chemistry, 1995, 270, 24292-24299.	3.4	73
45	GnRH-Associated Peptide Decreases Cyclic AMP Accumulation in the GH₃Pituitary Cell Line. Neuroendocrinology, 1993, 58, 251-257.	2.5	6
46	Modulation of Ca2+ influx by protein phosphorylation in single intact clonal pituitary cells. European Journal of Pharmacology, 1992, 227, 173-180.	2.6	10
47	Simultaneous Monitoring of Cytosolic Free Calcium and Exocytosis at the Single Cell Level. Journal of Neuroendocrinology, 1991, 3, 253-260.	2.6	11
48	Somatostatin Blocks Ca2+Action Potential Activity in Prolactin-Secreting Pituitary Tumor Cells through Coordinate Actions on K+ and Ca2+Conductances*. Endocrinology, 1988, 123, 721-732.	2.8	68
49	Oscillations of cytosolic Ca2+ in pituitary cells due to action potentials. Nature, 1987, 329, 719-721.	27.8	346