

Alexandre Bouron

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52 papers	1,316 citations	22 h-index	34 g-index
56 ext. papers	1,454 ext. citations	5 avg, IF	4.49 L-index

#	Paper	IF	Citations
52	Inhibition of store-operated calcium channels by N-arachidonoyl glycine (NAGly): no evidence for the involvement of lipid-sensing G protein coupled receptors. <i>Scientific Reports</i> , 2020 , 10, 2649	4.9	2
51	Transcriptomic Profiling of Ca ²⁺ Transport Systems During the Formation of the Cerebral Cortex in Mice. <i>Cells</i> , 2020 , 9,	7.9	4
50	Intracellular Localization of an Osmocenyl-Tamoxifen Derivative in Breast Cancer Cells Revealed by Synchrotron Radiation X-ray Fluorescence Nanoimaging. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3461-3465	16.4	18
49	Intracellular Localization of an Osmocenyl-Tamoxifen Derivative in Breast Cancer Cells Revealed by Synchrotron Radiation X-ray Fluorescence Nanoimaging. <i>Angewandte Chemie</i> , 2019 , 131, 3499-3503	3.6	7
48	Zinc Uptake and Storage During the Formation of the Cerebral Cortex in Mice. <i>Molecular Neurobiology</i> , 2019 , 56, 6928-6940	6.2	4
47	The Deletion of TRPC6 Channels Perturbs Iron and Zinc Homeostasis and Pregnancy Outcome in Mice. <i>Cellular Physiology and Biochemistry</i> , 2019 , 52, 455-467	3.9	4
46	Phyto and endocannabinoids exert complex actions on calcium and zinc signaling in mouse cortical neurons. <i>Biochemical Pharmacology</i> , 2018 , 152, 244-251	6	9
45	Hyperforin Potentiates Antidepressant-Like Activity of Lanicemine in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 456	6.1	15
44	Pharmacological Characterization of the Native Store-Operated Calcium Channels of Cortical Neurons from Embryonic Mouse Brain. <i>Frontiers in Pharmacology</i> , 2016 , 7, 486	5.6	17
43	Second Messenger-Operated Calcium Entry Through TRPC6. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 898, 201-49	3.6	22
42	Lipid nanocapsules containing the non-ionic surfactant Solutol HS15 inhibit the transport of calcium through hyperforin-activated channels in neuronal cells. <i>Neuropharmacology</i> , 2015 , 99, 726-34	5.5	10
41	The Na ⁺ /K ⁺ -ATPase and the amyloid-beta peptide a β -40 control the cellular distribution, abundance and activity of TRPC6 channels. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 2957-65	4.9	3
40	Permeation, regulation and control of expression of TRP channels by trace metal ions. <i>Pflugers Archiv European Journal of Physiology</i> , 2015 , 467, 1143-64	4.6	55
39	Functional consequences of the over-expression of TRPC6 channels in HEK cells: impact on the homeostasis of zinc. <i>Metallomics</i> , 2014 , 6, 1269-76	4.5	9
38	Contribution of calcium-conducting channels to the transport of zinc ions. <i>Pflugers Archiv European Journal of Physiology</i> , 2014 , 466, 381-7	4.6	29
37	The antidepressant hyperforin increases the phosphorylation of CREB and the expression of TrkB in a tissue-specific manner. <i>International Journal of Neuropsychopharmacology</i> , 2013 , 16, 189-98	5.8	46
36	The effects of radionuclides on animal behavior. <i>Reviews of Environmental Contamination and Toxicology</i> , 2011 , 210, 35-58	3.5	7

35	The over-expression of TRPC6 channels in HEK-293 cells favours the intracellular accumulation of zinc. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011 , 1808, 2807-18	3.8	38
34	Hyperforin changes the zinc-storage capacities of brain cells. <i>Neuropharmacology</i> , 2011 , 61, 1321-6	5.5	8
33	Active transport at the blood-CSF barrier contributes to manganese influx into the brain. <i>Journal of Neurochemistry</i> , 2011 , 117, 747-56	6	33
32	The TRPC6 channel activator hyperforin induces the release of zinc and calcium from mitochondria. <i>Journal of Neurochemistry</i> , 2010 , 112, 204-13	6	43
31	CHMP2B mutants linked to frontotemporal dementia impair maturation of dendritic spines. <i>Journal of Cell Science</i> , 2010 , 123, 2943-54	5.3	57
30	Store-depletion and hyperforin activate distinct types of Ca(2+)-conducting channels in cortical neurons. <i>Cell Calcium</i> , 2010 , 47, 538-43	4	15
29	The thiol-modifying agent N-ethylmaleimide elevates the cytosolic concentration of free Zn(2+) but not of Ca(2+) in murine cortical neurons. <i>Cell Calcium</i> , 2010 , 48, 37-43	4	12
28	Heterogeneous distribution of TRPC proteins in the embryonic cortex. <i>Histochemistry and Cell Biology</i> , 2009 , 131, 355-63	2.4	22
27	Diacylglycerol analogues activate second messenger-operated calcium channels exhibiting TRPC-like properties in cortical neurons. <i>Journal of Neurochemistry</i> , 2009 , 108, 126-38	6	40
26	The anti-inflammatory agent flufenamic acid depresses store-operated channels by altering mitochondrial calcium homeostasis. <i>Neuropharmacology</i> , 2009 , 56, 1010-6	5.5	13
25	A zinc-resistant human epithelial cell line is impaired in cadmium and manganese import. <i>Toxicology and Applied Pharmacology</i> , 2008 , 230, 312-9	4.6	15
24	Retrograde regulation of store-operated calcium channels by the ryanodine receptor-associated protein triadin 95 in rat skeletal myotubes. <i>Cell Calcium</i> , 2007 , 41, 179-85	4	9
23	IQGAP1 regulates adult neural progenitors in vivo and vascular endothelial growth factor-triggered neural progenitor migration in vitro. <i>Journal of Neuroscience</i> , 2007 , 27, 4716-24	6.6	34
22	Differential down-regulation of voltage-gated calcium channel currents by glutamate and BDNF in embryonic cortical neurons. <i>European Journal of Neuroscience</i> , 2006 , 24, 699-708	3.5	14
21	A store-operated Ca2+ influx activated in response to the depletion of thapsigargin-sensitive Ca2+ stores is developmentally regulated in embryonic cortical neurons from mice. <i>Developmental Brain Research</i> , 2005 , 159, 64-71		30
20	Triadin (Trisk 95) overexpression blocks excitation-contraction coupling in rat skeletal myotubes. <i>Journal of Biological Chemistry</i> , 2005 , 280, 39302-8	5.4	31
19	The beta-amyloid precursor protein controls a store-operated Ca2+ entry in cortical neurons. <i>European Journal of Neuroscience</i> , 2004 , 20, 2071-8	3.5	23
18	Modulation of spontaneous quantal release of neurotransmitters in the hippocampus. <i>Progress in Neurobiology</i> , 2001 , 63, 613-35	10.9	62

17	Functional GluR6 kainate receptors in the striatum: indirect downregulation of synaptic transmission. <i>Journal of Neuroscience</i> , 2000 , 20, 2175-82	6.6	82
16	Activation of a capacitative Ca(2+) entry pathway by store depletion in cultured hippocampal neurones. <i>FEBS Letters</i> , 2000 , 470, 269-72	3.8	46
15	Adenosine suppresses protein kinase A- and C-induced enhancement of glutamate release in the hippocampus. <i>European Journal of Neuroscience</i> , 1999 , 11, 4446-50	3.5	8
14	Functional expression of voltage-gated Na+ and Ca2+ channels during neuronal differentiation of PC12 cells with nerve growth factor or forskolin. <i>Naunyn-Schmiedeberg Archives of Pharmacology</i> , 1999 , 359, 370-7	3.4	30
13	Molecular structures involved in L-type calcium channel inactivation. Role of the carboxyl-terminal region encoded by exons 40-42 in alpha1C subunit in the kinetics and Ca2+ dependence of inactivation. <i>Journal of Biological Chemistry</i> , 1997 , 272, 3560-6	5.4	124
12	Colchicine affects protein kinase C-induced modulation of synaptic transmission in cultured hippocampal pyramidal cells. <i>FEBS Letters</i> , 1997 , 404, 221-6	3.8	12
11	A role of intracellular Na+ in the regulation of synaptic transmission and turnover of the vesicular pool in cultured hippocampal cells. <i>Neuron</i> , 1996 , 17, 969-78	13.9	59
10	Different voltage-dependent inhibition by dihydropyridines of human Ca2+ channel splice variants. <i>Journal of Biological Chemistry</i> , 1995 , 270, 10540-3	5.4	98
9	Regulatory mechanisms involved in the activation of bradykinin-induced membrane currents in PC12 cells. <i>Neuroscience Letters</i> , 1995 , 195, 37-40	3.3	1
8	The beta 1-subunit is essential for modulation by protein kinase C of an human and a non-human L-type Ca2+ channel. <i>FEBS Letters</i> , 1995 , 377, 159-62	3.8	35
7	Calyculin-A-induced fast neurite retraction in nerve growth factor-differentiated rat pheochromocytoma (PC12) cells. <i>Neuroscience Letters</i> , 1995 , 183, 198-201	3.3	7
6	Differential modulation of pharmacologically distinct components of Ca2+ currents by protein kinase C activators and phosphatase inhibitors in nerve-growth-factor-differentiated rat pheochromocytoma (PC12) cells. <i>Pflugers Archiv European Journal of Physiology</i> , 1994 , 427, 510-6	4.6	13
5	Two sites of action for LCB29 (idroclamide) in depressing mechanical tension of rat soleus muscle fibers?. <i>Canadian Journal of Physiology and Pharmacology</i> , 1993 , 71, 889-95	2.4	
4	The L type calcium current in single hypertrophied cardiomyocytes isolated from the right ventricle of ferret heart. <i>Cardiovascular Research</i> , 1992 , 26, 662-70	9.9	12
3	Possible involvement of a chloride conductance in the transient outward current of whole-cell voltage-clamped ferret ventricular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 1991 , 419, 534-6	4.6	8
2	An efficient isolation procedure of Ca-tolerant ventricular myocytes from ferret heart for applications in electrophysiological studies. <i>Biology of the Cell</i> , 1990 , 70, 121-7	3.5	7
1	The direct depressant effect of LCB29 (idroclamide) on mechanical tension of rat soleus muscle fibers. <i>Canadian Journal of Physiology and Pharmacology</i> , 1990 , 68, 1503-9	2.4	1