G Cristina Brailoiu

List of Publications by Year
in descending order

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45 papers	2,284 citations	236925 25 h-index	233421 45 g-index
45 all docs	45 docs citations	45 times ranked	2427 citing authors

#	Article	IF	Citations
1	Essential requirement for two-pore channel 1 in NAADP-mediated calcium signaling. Journal of Cell Biology, 2009, 186, 201-209.	5.2	376
2	Nesfatin-1: Distribution and Interaction with a G Protein-Coupled Receptor in the Rat Brain. Endocrinology, 2007, 148, 5088-5094.	2.8	269
3	An NAADP-gated Two-pore Channel Targeted to the Plasma Membrane Uncouples Triggering from Amplifying Ca2+ Signals. Journal of Biological Chemistry, 2010, 285, 38511-38516.	3.4	153
4	Dysregulation of lysosomal morphology by pathogenic LRRK2 is corrected by two-pore channel 2 inhibition. Journal of Cell Science, 2015, 128, 232-8.	2.0	148
5	An Ancestral Deuterostome Family of Two-pore Channels Mediates Nicotinic Acid Adenine Dinucleotide Phosphate-dependent Calcium Release from Acidic Organelles. Journal of Biological Chemistry, 2010, 285, 2897-2901.	3.4	112
6	Nicotinic Acid Adenine Dinucleotide Phosphate Potentiates Neurite Outgrowth. Journal of Biological Chemistry, 2005, 280, 5646-5650.	3.4	101
7	Two-pore channels provide insight into the evolution of voltage-gated Ca ²⁺ and Na ⁺ channels. Science Signaling, 2014, 7, ra109.	3.6	98
8	Messenger-specific Role for Nicotinic Acid Adenine Dinucleotide Phosphate in Neuronal Differentiation. Journal of Biological Chemistry, 2006, 281, 15923-15928.	3.4	92
9	Intracellular Cannabinoid Type 1 (CB1) Receptors Are Activated by Anandamide. Journal of Biological Chemistry, 2011, 286, 29166-29174.	3.4	83
10	Acidic NAADP-sensitive Calcium Stores in the Endothelium. Journal of Biological Chemistry, 2010, 285, 37133-37137.	3.4	57
11	NAADP-mediated channel â€˜chatterâ€™ in neurons of the rat medulla oblongata. Biochemical Journal, 2009, 419, 91-99.	3.7	53
12	The Lysophosphatidylinositol Receptor GPR55 Modulates Pain Perception in the Periaqueductal Gray. Molecular Pharmacology, 2015, 88, 265-272.	2.3	48
13	Differential Activation of Intracellular versus Plasmalemmal CB₂ Cannabinoid Receptors. Biochemistry, 2014, 53, 4990-4999.	2.5	46
14	Choline Is an Intracellular Messenger Linking Extracellular Stimuli to IP3-Evoked Ca2+ Signals through Sigma-1 Receptors. Cell Reports, 2019, 26, 330-337.e4.	6.4	45
15	Mechanisms of modulation of brain microvascular endothelial cells function by thrombin. Brain Research, 2017, 1657, 167-175.	2.2	44
16	Aldosterone increases cardiac vagal tone via G proteinâ€coupled oestrogen receptor activation. Journal of Physiology, 2013, 591, 4223-4235.	2.9	43
17	Fusion of lysosomes with secretory organelles leads to uncontrolled exocytosis in the lysosomal storage disease mucolipidosis type <scp>IV</scp>. EMBO Reports, 2016, 17, 266-278.	4.5	39
18	Cocaine inhibits store-operated Ca2+ entry in brain microvascular endothelial cells: critical role for sigma-1 receptors. Biochemical Journal, 2016, 473, 1-5.	3.7	39

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19	Differential Activation of Cultured Neonatal Cardiomyocytes by Plasmalemmal Versus Intracellular G Protein-coupled Receptor 55. Journal of Biological Chemistry, 2013, 288, 22481-22492.	3.4	36
20	Mechanisms of G Protein-Coupled Estrogen Receptor-Mediated Spinal Nociception. Journal of Pain, 2012, 13, 742-754.	1.4	35
21	Nesfatinâ€1 activates cardiac vagal neurons of nucleus ambiguus and elicits bradycardia in conscious rats. Journal of Neurochemistry, 2013, 126, 739-748.	3.9	33
22	Irisin evokes bradycardia by activating cardiac-projecting neurons of nucleus ambiguus. Physiological Reports, 2015, 3, e12419.	1.7	32
23	Effects of Platelet-Activating Factor on Brain Microvascular Endothelial Cells. Neuroscience, 2018, 377, 105-113.	2.3	31
24	G proteinâ€coupled estrogen receptorâ€mediated effects on cytosolic calcium and nanomechanics in brain microvascular endothelial cells. Journal of Neurochemistry, 2015, 133, 629-639.	3.9	28
25	Intracellular angiotensin II activates rat myometrium. American Journal of Physiology - Cell Physiology, 2011, 301, C559-C565.	4.6	25
26	GPR55-mediated effects on brain microvascular endothelial cells and the bloodâ€“brain barrier. Neuroscience, 2019, 414, 88-98.	2.3	20
27	Direct evidence of intracrine angiotensin II signaling in neurons. American Journal of Physiology - Cell Physiology, 2014, 306, C736-C744.	4.6	19
28	Mechanisms of activation of nucleus accumbens neurons by cocaine via sigma-1 receptorâ€“inositol 1,4,5-trisphosphateâ€“transient receptor potential canonical channel pathways. Cell Calcium, 2015, 58, 196-207.	2.4	19
29	Intracellular Endothelin Type B Receptor-driven Ca2+ Signal Elicits Nitric Oxide Production in Endothelial Cells. Journal of Biological Chemistry, 2012, 287, 41023-41031.	3.4	18
30	Urocortin 3 elevates cytosolic calcium in nucleus ambiguus neurons. Journal of Neurochemistry, 2012, 122, 1129-1136.	3.9	17
31	Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) Is a Second Messenger in Muscarinic Receptor-induced Contraction of Guinea Pig Trachea. Journal of Biological Chemistry, 2013, 288, 10986-10993.	3.4	16
32	Acute cocaine administration alters permeability of blood-brain barrier in freely-moving ratsâ€” Evidence using miniaturized fluorescence microscopy. Drug and Alcohol Dependence, 2020, 206, 107637.	3.2	16
33	Insulin-like 6 immunoreactivity in the mouse brain and testis. Brain Research, 2005, 1040, 187-190.	2.2	14
34	HIV-1-Tat excites cardiac parasympathetic neurons of nucleus ambiguus and triggers prolonged bradycardia in conscious rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R814-R822.	1.8	13
35	Modulation of cardiac vagal tone by bradykinin acting on nucleus ambiguus. Neuroscience, 2017, 365, 23-32.	2.3	13
36	Modulation of Calcium Entry by the Endo-lysosomal System. Advances in Experimental Medicine and Biology, 2016, 898, 423-447.	1.6	12

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37	HIV Tat excites D1 receptor-like expressing neurons from rat nucleus accumbens. Drug and Alcohol Dependence, 2017, 178, 7-14.	3.2	9
38	Agonist-selective effects of opioid receptor ligands on cytosolic calcium concentration in rat striatal neurons. Drug and Alcohol Dependence, 2012, 123, 277-281.	3.2	7
39	1-Chromonyl-5-Imidazolylpentadienone Demonstrates Anti-Cancer Action against TNBC and Exhibits Synergism with Paclitaxel. International Journal of Molecular Sciences, 2020, 21, 5777.	4.1	7
40	Effects of VPAC1 activation in nucleus ambiguus neurons. Brain Research, 2017, 1657, 297-303.	2.2	4
41	Direct evidence of bradycardic effect of omega-3 fatty acids acting on nucleus ambiguus. Neuroscience Letters, 2020, 735, 135196.	2.1	4
42	Choline-Sigma-1R as an Additional Mechanism for Potentiation of Orexin by Cocaine. International Journal of Molecular Sciences, 2021, 22, 5160.	4.1	4
43	Smooth muscle-associated protein 8: Distribution and biological activity in the rat brain. Journal of Neuroscience Research, 2007, 85, 1789-1796.	2.9	2
44	Evidence for role of acid-sensing ion channels in nucleus ambiguus neurons: essential differences in anesthetized versus awake rats. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2014, 184, 753-761.	1.5	2
45	Assessment of Blood-Brain Barrier Permeability Using Miniaturized Fluorescence Microscopy in Freely Moving Rats. Methods in Molecular Biology, 2021, 2367, 123-135.	0.9	2