Ruth D Murrell-Lagnado

List of Publications by Year
in descending order

28 papers	1,619 citations	394421 19 h-index	552781 26 g-index
29 all docs	29 docs citations	29 times ranked	1539 citing authors

#	Article	IF	Citations
1	P2x4 receptor promotes mammary cancer progression by sustaining autophagy and associated mesenchymal transition. Oncogene, 2022, 41, 2920-2931.	5.9	15
2	P2X4 Receptors Mediate Ca2+ Release from Lysosomes in Response to Stimulation of P2X7 and H1 Histamine Receptors. International Journal of Molecular Sciences, 2021, 22, 10492.	4.1	6
3	A challenge finding P2X1 and P2X4 ligands. Neuropharmacology, 2019, 157, 107674.	4.1	7
4	P2X4 and lysosome fusion. Current Opinion in Pharmacology, 2019, 47, 126-132.	3.5	31
5	A role for P2X4 receptors in lysosome function. Journal of General Physiology, 2018, 150, 185-187.	1.9	16
6	Regulation of P2X Purinergic Receptor Signaling by Cholesterol. Current Topics in Membranes, 2017, 80, 211-232.	0.9	43
7	Sigma1 receptors inhibit store-operated Ca2+ entry by attenuating coupling of STIM1 to Orai1. Journal of Cell Biology, 2016, 213, 65-79.	5.2	76
8	Sigma1 receptors inhibit store-operated Ca2+ entry by attenuating coupling of STIM1 to Orai1. Journal of General Physiology, 2016, 147, 1475OIA26.	1.9	0
9	Novel Insertion Mutation in KCNJ5 Channel Produces Constitutive Aldosterone Release From H295R Cells. Molecular Endocrinology, 2015, 29, 1522-1530.	3.7	19
10	Calcium release through P2X4 activates calmodulin to promote endolysosomal membrane fusion. Journal of Cell Biology, 2015, 209, 879-894.	5.2	108
11	Plasma Membrane Cholesterol as a Regulator of Human and Rodent P2X7 Receptor Activation and Sensitization. Journal of Biological Chemistry, 2014, 289, 31983-31994.	3.4	58
12	Atomic force microscopy (AFM) imaging suggests that stromal interaction molecule 1 (STIM1) binds to Orai1 with sixfold symmetry. FEBS Letters, 2014, 588, 2874-2880.	2.8	14
13	P2X4 Forms Functional ATP-activated Cation Channels on Lysosomal Membranes Regulated by Luminal pH. Journal of Biological Chemistry, 2014, 289, 17658-17667.	3.4	115
14	The trafficking and targeting of P2X receptors. Frontiers in Cellular Neuroscience, 2013, 7, 233.	3.7	49
15	AFM Imaging Reveals the Assembly of a P2X Receptor Complex Containing P2X2, P2X4 and P2X6 Subunits. Biophysical Journal, 2012, 102, 336a.	0.5	0
16	Splice-variants of the P2X7 receptor reveal differential agonist-dependence and functional coupling with pannexin-1. Journal of Cell Science, 2012, 125, 3776-89.	2.0	59
17	Analysis of Assembly and Trafficking of Native P2X4 and P2X7 Receptor Complexes in Rodent Immune Cells. Journal of Biological Chemistry, 2009, 284, 13446-13454.	3.4	119
18	More crossâ€talk between purinergic receptors. Journal of Physiology, 2009, 587, 2713-2714.	2.9	3

#	Article	IF	Citations
19	Assembly and trafficking of P2X purinergic receptors (Review). Molecular Membrane Biology, 2008, 25, 321-331.	2.0	49
20	Regulation of P2X4 receptors by lysosomal targeting, glycan protection and exocytosis. Journal of Cell Science, 2007, 120, 3838-3849.	2.0	191
21	The Stoichiometry of P2X2/6 Receptor Heteromers Depends on Relative Subunit Expression Levels. Biophysical Journal, 2007, 93, 505-512.	0.5	36
22	An Uncharged Region within the N Terminus of the P2X6 Receptor Inhibits Its Assembly and Exit from the Endoplasmic Reticulum. Molecular Pharmacology, 2006, 69, 1692-1700.	2.3	57
23	Non-canonical YXXGÎ¦ endocytic motifs: recognition by AP2 and preferential utilization in P2X4 receptors. Journal of Cell Science, 2005, 118, 3073-3080.	2.0	82
24	Atomic Force Microscopy Imaging Demonstrates that P2X2 Receptors Are Trimers but That P2X6 Receptor Subunits Do Not Oligomerize. Journal of Biological Chemistry, 2005, 280, 10759-10765.	3.4	169
25	Identification of a Non-canonical Tyrosine-based Endocytic Motif in an Ionotropic Receptor. Journal of Biological Chemistry, 2002, 277, 35378-35385.	3.4	84
26	P2X Receptor Trafficking in Neurons Is Subunit Specific. Journal of Neuroscience, 2002, 22, 4814-4824.	3.6	148
27	Identification of amino acids within the P2X2receptor C-terminus that regulate desensitization. Journal of Physiology, 1999, 520, 91-99.	2.9	42
28	Identification of Regions That Regulate the Expression and Activity of G Protein-Gated Inward Rectifier K+Channels inXenopusOocytes. Journal of Physiology, 1997, 503, 547-562.	2.9	23