

JÃ¡nos AlmÃ¡ssy

List of Publications by Year in descending order

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43
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#	ARTICLE	IF	CITATIONS
1	Pharmacological Modulation and (Patho)Physiological Roles of TRPM4 Channelâ€”Part 1: Modulation of TRPM4. <i>Pharmaceuticals</i> , 2022, 15, 81.	3.8	2
2	Late Sodium Current of the Heart: Where Do We Stand and Where Are We Going?. <i>Pharmaceuticals</i> , 2022, 15, 231.	3.8	5
3	Pharmacological Modulation and (Patho)Physiological Roles of TRPM4 Channelâ€”Part 2: TRPM4 in Health and Disease. <i>Pharmaceuticals</i> , 2022, 15, 40.	3.8	6
4	Therapeutic Approaches of Ryanodine Receptor-Associated Heart Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4435.	4.1	13
5	Mexiletine-like cellular electrophysiological effects of GS967 in canine ventricular myocardium. <i>Scientific Reports</i> , 2021, 11, 9565.	3.3	8
6	Transcriptomeâ€”based screening of ion channels and transporters in a migratory chondroprogenitor cell line isolated from lateâ€”stage osteoarthritic cartilage. <i>Journal of Cellular Physiology</i> , 2021, 236, 7421-7439.	4.1	6
7	Canine Myocytes Represent a Good Model for Human Ventricular Cells Regarding Their Electrophysiological Properties. <i>Pharmaceuticals</i> , 2021, 14, 748.	3.8	12
8	TRPM4 links calcium signaling to membrane potential in pancreatic acinar cells. <i>Journal of Biological Chemistry</i> , 2021, 297, 101015.	3.4	12
9	Ion current profiles in canine ventricular myocytes obtained by the â€œion peelingâ€”technique. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 158, 153-162.	1.9	11
10	Late Na ⁺ Current Is [Ca ²⁺] _i -Dependent in Canine Ventricular Myocytes. <i>Pharmaceuticals</i> , 2021, 14, 1142.	3.8	4
11	Implication of frequency-dependent protocols in antiarrhythmic and proarrhythmic drug testing. <i>Progress in Biophysics and Molecular Biology</i> , 2020, 157, 76-83.	2.9	4
12	TRPM2â€”mediated extracellular Ca ²⁺ entry promotes acinar cell necrosis in biliary acute pancreatitis. <i>Journal of Physiology</i> , 2020, 598, 1253-1270.	2.9	19
13	Luminal addition of non-permeant Eu ³⁺ interferes with luminal Ca ²⁺ regulation of the cardiac ryanodine receptor. <i>Bioelectrochemistry</i> , 2020, 132, 107449.	4.6	2
14	From Mice to Humans: An Overview of the Potentials and Limitations of Current Transgenic Mouse Models of Major Muscular Dystrophies and Congenital Myopathies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8935.	4.1	10
15	4-chloro-orto-cresol activates ryanodine receptor more selectively and potently than 4-chloro-meta-cresol. <i>Cell Calcium</i> , 2020, 88, 102213.	2.4	1
16	Volatile anaesthetics inhibit the thermosensitive nociceptor ion channel transient receptor potential melastatin 3 (TRPM3). <i>Biochemical Pharmacology</i> , 2020, 174, 113826.	4.4	6
17	Late sodium current in human, canine and guinea pig ventricular myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 139, 14-23.	1.9	20
18	The regulatory role of vasoactive intestinal peptide in lacrimal gland ductal fluid secretion: A new piece of the puzzle in tear production. <i>Molecular Vision</i> , 2020, 26, 780-788.	1.1	1

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19	Dantrolene Requires Mg ²⁺ and ATP To Inhibit the Ryanodine Receptor. <i>Molecular Pharmacology</i> , 2019, 96, 401-407.	2.3	17
20	The diamide insecticide chlorantranilprole increases the single-channel current activity of the mammalian skeletal muscle ryanodine receptor. <i>General Physiology and Biophysics</i> , 2019, 38, 183-186.	0.9	0
21	Safety Concerns of Diamide Insecticides. <i>Toxicological Sciences</i> , 2019, 171, 281-281.	3.1	1
22	Expression of BK channels and Na ⁺ -K ⁺ pumps in the apical membrane of lacrimal acinar cells suggests a new molecular mechanism for primary tear-secretion. <i>Ocular Surface</i> , 2019, 17, 272-277.	4.4	6
23	Brief structural insight into the allosteric gating mechanism of BK (Slo1) channel. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 498-502.	1.4	3
24	New saliva secretion model based on the expression of Na ⁺ -K ⁺ pump and K ⁺ channels in the apical membrane of parotid acinar cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 613-621.	2.8	9
25	Perspectives of a myosin motor activator agent with increased selectivity. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 676-680.	1.4	1
26	Omecamtiv Mecarbil: A Myosin Motor Activator Agent with Promising Clinical Performance and New in vitro Results. <i>Current Medicinal Chemistry</i> , 2018, 25, 1720-1728.	2.4	11
27	Omecamtiv mecarbil activates ryanodine receptors from canine cardiac but not skeletal muscle. <i>European Journal of Pharmacology</i> , 2017, 809, 73-79.	3.5	8
28	Lanthanides Report Calcium Sensor in the Vestibule of Ryanodine Receptor. <i>Biophysical Journal</i> , 2017, 112, 2127-2137.	0.5	11
29	Frequency-dependent effects of omecamtiv mecarbil on cell shortening of isolated canine ventricular cardiomyocytes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 1239-1246.	3.0	33
30	Follistatin treatment suppresses SERCA1b levels independently of other players of calcium homeostasis in C2C12 myotubes. <i>Journal of Muscle Research and Cell Motility</i> , 2017, 38, 215-229.	2.0	3
31	Bile acids activate ryanodine receptors in pancreatic acinar cells via a direct allosteric mechanism. <i>Cell Calcium</i> , 2015, 58, 160-170.	2.4	14
32	Photolysis of Caged Compounds: Studying Ca ²⁺ Signaling and Activation of Ca ²⁺ -Dependent Ion Channels. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.top066076-pdb.top066076.	0.3	5
33	Analyzing Ca ²⁺ Dynamics in Intact Epithelial Cells Using Spatially Limited Flash Photolysis. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot072777.	0.3	2
34	Investigating Ion Channel Distribution Using a Combination of Spatially Limited Photolysis, Ca ²⁺ -Imaging, and Patch Clamp Recording. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot072769-pdb.prot072769.	0.3	4
35	Studying the Activation of Epithelial Ion Channels Using Global Whole-Field Photolysis. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot072751.	0.3	5
36	Apical Ca ²⁺ -activated potassium channels in mouse parotid acinar cells. <i>Journal of General Physiology</i> , 2012, 139, 121-133.	1.9	39

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37	The LRRC26 Protein Selectively Alters the Efficacy of BK Channel Activators. <i>Molecular Pharmacology</i> , 2012, 81, 21-30.	2.3	40
38	Effects of articaine and ropivacaine on calcium handling and contractility in canine ventricular myocardium. <i>European Journal of Anaesthesiology</i> , 2010, 27, 153-161.	1.7	6
39	Effects of K-201 on the calcium pump and calcium release channel of rat skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 457, 171-183.	2.8	9
40	Charged Surface Area of Maurocalcine Determines Its Interaction with the Skeletal Ryanodine Receptor. <i>Biophysical Journal</i> , 2008, 95, 3497-3509.	0.5	22
41	Maurocalcine interacts with the cardiac ryanodine receptor without inducing channel modification. <i>Biochemical Journal</i> , 2007, 406, 309-315.	3.7	12
42	Effect of natural phenol derivatives on skeletal type sarcoplasmic reticulum Ca ²⁺ -ATPase and ryanodine receptor. <i>Journal of Muscle Research and Cell Motility</i> , 2007, 28, 167-174.	2.0	40
43	Alterations in the calcium homeostasis of skeletal muscle from postmyocardial infarcted rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 455, 541-553.	2.8	8