Henrietta Cserne Szappanos

List of Publications by Year
in descending order

28 papers	617 citations	623574 14 h-index	610775 24 g-index
30 all docs	30 docs citations	30 times ranked	808 citing authors

#	Article	IF	Citations
1	Antifungal Protein PAF Severely Affects the Integrity of the Plasma Membrane of Aspergillus nidulans and Induces an Apoptosis-Like Phenotype. Antimicrobial Agents and Chemotherapy, 2005, 49, 2445-2453.	1.4	144
2	Nanoparticle-Mediated Dual Delivery of an Antioxidant and a Peptide against the L-Type Ca²⁺ Channel Enables Simultaneous Reduction of Cardiac Ischemia-Reperfusion Injury. ACS Nano, 2015, 9, 279-289.	7.3	64
3	The Penicillium chrysogenum-derived antifungal peptide shows no toxic effects on mammalian cells in the intended therapeutic concentration. Naunyn-Schmiedeberg's Archives of Pharmacology, 2005, 371, 122-132.	1.4	36
4	The antifungal protein AFP secreted by Aspergillus giganteus does not cause detrimental effects on certain mammalian cells. Peptides, 2006, 27, 1717-1725.	1.2	36
5	A purinergic signal transduction pathway in mammalian skeletal muscle cells in culture. Pflugers Archiv European Journal of Physiology, 2002, 443, 731-738.	1.3	35
6	Altered Elementary Calcium Release Events and Enhanced Calcium Release by Thymol in Rat Skeletal Muscle. Biophysical Journal, 2004, 86, 1436-1453.	0.2	29
7	Differential expression of purinergic receptor subtypes in the outer hair cells of the guinea pig. Hearing Research, 2004, 196, 2-7.	0.9	28
8	Differential effects of maurocalcine on Ca2+release events and depolarization-induced Ca2+release in rat skeletal muscle. Journal of Physiology, 2005, 565, 843-853.	1.3	26
9	Evidence for redox sensing by a human cardiac calcium channel. Scientific Reports, 2016, 6, 19067.	1.6	26
10	The cardiac Lâ€type calcium channel alpha subunit is a target for direct redox modification during oxidative stressâ€"the role of cysteine residues in the alpha interacting domain. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 46-54.	0.9	23
11	Contribution from P2X and P2Y purinoreceptors to ATP-evoked changes in intracellular calcium concentration on cultured myotubes. Pflugers Archiv European Journal of Physiology, 2006, 453, 519-529.	1.3	22
12	Stress signaling and cellular proliferation reverse the effects of mitochondrial mistranslation. EMBO Journal, 2019, 38, e102155.	3.5	21
13	Determination of depolarisation- and agonist-evoked calcium fluxes on skeletal muscle cells in primary culture. Journal of Proteomics, 2004, 59, 89-101.	2.4	19
14	The Lâ€type Ca²⁺ channel facilitates abnormal metabolic activity in the cTnIâ€G203S mouse model of hypertrophic cardiomyopathy. Journal of Physiology, 2016, 594, 4051-4070.	1.3	19
15	Identification of a novel cAMP dependent protein kinase A phosphorylation site on the human cardiac calcium channel. Scientific Reports, 2017, 7, 15118.	1.6	13
16	The Role of the L-Type Ca2+ Channel in Altered Metabolic Activity in a Murine Model of Hypertrophic Cardiomyopathy. JACC Basic To Translational Science, 2016, 1, 61-72.	1.9	12
17	Differentiation-dependent alterations in the extracellular ATP-evoked calcium fluxes of cultured skeletal muscle cells from mice. Pflugers Archiv European Journal of Physiology, 2006, 453, 509-518.	1.3	11
18	L-type calcium channel: Clarifying the â€œoxygen sensing hypothesisâ€• International Journal of Biochemistry and Cell Biology, 2017, 86, 32-36.	1.2	11

#	Article	IF	Citations
19	Mitochondrial mistranslation modulated by metabolic stress causes cardiovascular disease and reduced lifespan. Aging Cell, 2021, 20, e13408.	3.0	11
20	Differences in purinergic and voltage-dependent signalling during protein kinase CÎ± overexpression- and culturing-induced differentiation of C2C12 myoblasts. Journal of Muscle Research and Cell Motility, 2006, 27, 617-630.	0.9	8
21	Changes in Purinoceptor Distribution and Intracellular Calcium Levels following Noise Exposure in the Outer Hair Cells of the Guinea Pig. Journal of Membrane Biology, 2006, 213, 135-141.	1.0	7
22	Characterization and validation of a preventative therapy for hypertrophic cardiomyopathy in a murine model of the disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23113-23124.	3.3	7
23	Neuronal nitric oxide synthase regulation of calcium cycling in ventricular cardiomyocytes is independent of Cav1.2 channel modulation under basal conditions. Pflugers Archiv European Journal of Physiology, 2020, 472, 61-74.	1.3	5
24	Development of induced pluripotent stem cells from a patient with hypertrophic cardiomyopathy who carries the pathogenic myosin heavy chain 7 mutation p.Arg403Gln. Stem Cell Research, 2018, 33, 269-273.	0.3	4
25	Caffeine Treatment and Depolarization Alter the Spatial and Temporal Characteristics of Calcium Sparks on Intact Amphibian Skeletal Muscle. Biophysical Journal, 2012, 102, 310a-311a.	0.2	0
26	O127 Determining the functionally relevant reactive cysteines on the human L-type calcium channel protein in response to oxidative stress. , 2014, 9, e35.		0
27	Characterising the Effects of a Peptide Directed Against the L-Type Ca2+ Channel on Mitochondrial Function in Hypertrophic Cardiomyopathy. Biophysical Journal, 2016, 110, 450a.	0.2	0
28	Evidence for significance of serine 1487 in Î²-adrenergic regulation of Cav1.2 channel protein function in genetically engineered mice. Journal of Molecular and Cellular Cardiology, 2020, 140, 50.	0.9	0