Yuri A Negulyaev

List of Publications by Year
in descending order

24	581	623734	610901
papers	citations	14 h-index	24 g-index

24	24	24	731
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single ion channel recording in 3D culture of stem cells using patch-clamp technique. Biochemical and Biophysical Research Communications, 2022, 619, 22-26.	2.1	2
2	Functional clustering and coupling of ion channels in cellular mechanosensing is independent on lipid raft integrity in plasma membrane. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118764.	4.1	2
3	Agonist-induced Piezo1 activation suppresses migration of transformed fibroblasts. Biochemical and Biophysical Research Communications, 2019, 514, 173-179.	2.1	46
4	Cell Cycle-Dependent Expression of Bk Channels in Human Mesenchymal Endometrial Stem Cells. Scientific Reports, 2019, 9, 4595.	3.3	11
5	Extracellular protease trypsin activates amilorideâ€insensitive sodium channels in human leukemia cells. Journal of Cellular Biochemistry, 2019, 120, 461-469.	2.6	7
6	Simvastatin induced actin cytoskeleton disassembly in normal and transformed fibroblasts without affecting lipid raft integrity. Cell Biology International, 2017, 41, 1020-1029.	3.0	8
7	Local calcium signalling is mediated by mechanosensitive ion channels in mesenchymal stem cells. Biochemical and Biophysical Research Communications, 2017, 482, 563-568.	2.1	22
8	TRPV5/V6 Channels Mediate Ca²⁺ Influx in Jurkat T Cells Under the Control of Extracellular pH. Journal of Cellular Biochemistry, 2016, 117, 197-206.	2.6	16
9	Amiloride-insensitive sodium channels are directly regulated by actin cytoskeleton dynamics in human lymphoma cells. Biochemical and Biophysical Research Communications, 2015, 461, 54-58.	2.1	9
10	Angiotensin II has acute effects on TRPC6 channels in podocytes of freshly isolated glomeruli. Kidney International, 2014, 86, 506-514.	5.2	80
11	Functional coupling of ion channels in cellular mechanotransduction. Biochemical and Biophysical Research Communications, 2014, 451, 421-424.	2.1	8
12	Expression of Transient Receptor Potential Vanilloid Channels TRPV5 and TRPV6 in Human Blood Lymphocytes and Jurkat Leukemia T Cells. Journal of Membrane Biology, 2013, 246, 131-140.	2.1	29
13	Arp2/3 complex inhibitors adversely affect actin cytoskeleton remodeling in the cultured murine kidney collecting duct M-1 cells. Cell and Tissue Research, 2013, 354, 783-792.	2.9	20
14	Cortical actin binding protein cortactin mediates ENaC activityviaArp2/3 complex. FASEB Journal, 2011, 25, 2688-2699.	0.5	45
15	Cholesterol depletion-induced inhibition of stretch-activated channels is mediated via actin rearrangement. Biochemical and Biophysical Research Communications, 2011, 412, 80-85.	2.1	47
16	Intact Cytoskeleton Is Required for Small G Protein Dependent Activation of the Epithelial Na+ Channel. PLoS ONE, 2010, 5, e8827.	2.5	43
17	Endogenous expression of TRPV5 and TRPV6 calcium channels in human leukemia K562 cells. American Journal of Physiology - Cell Physiology, 2009, 296, C1098-C1104.	4.6	40
18	Magnesium permeation through mechanosensitive channels: single-current measurements. Cell Research, 2006, 16, 723-730.	12.0	11

#	Article	IF	Citations
19	Properties of Mg2+-dependent cation channels in human leukemia K562 cells. Journal of Cellular Physiology, 2005, 205, 372-378.	4.1	5
20	Actin cytoskeleton disassembly affects conductive properties of stretch-activated cation channels in leukaemia cells. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1669, 53-60.	2.6	26
21	Non-hydrolyzable analog of GTP induces activity of Na+ channels via disassembly of cortical actin cytoskeleton. FEBS Letters, 2003, 547, 27-31.	2.8	8
22	Regulation of Sodium Channel Activity by Capping of Actin Filaments. Molecular Biology of the Cell, 2003, 14, 1709-1716.	2.1	29
23	Sodium Channel Activity in Leukemia Cells Is Directly Controlled by Actin Polymerization. Journal of Biological Chemistry, 2000, 275, 40933-40937.	3.4	37
24	Ca-dependent regulation of Na+-selective channels via actin cytoskeleton modification in leukemia cells. FEBS Letters, 1997, 412, 94-96.	2.8	30