

# Yuri A Negulyaev

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

581  
citations

623734

14  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

731  
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiotensin II has acute effects on TRPC6 channels in podocytes of freshly isolated glomeruli. <i>Kidney International</i> , 2014, 86, 506-514.	5.2	80
2	Cholesterol depletion-induced inhibition of stretch-activated channels is mediated via actin rearrangement. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 80-85.	2.1	47
3	Agonist-induced Piezo1 activation suppresses migration of transformed fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 173-179.	2.1	46
4	Cortical actin binding protein cortactin mediates ENaC activity via Arp2/3 complex. <i>FASEB Journal</i> , 2011, 25, 2688-2699.	0.5	45
5	Intact Cytoskeleton Is Required for Small G Protein Dependent Activation of the Epithelial Na <sup>+</sup> Channel. <i>PLoS ONE</i> , 2010, 5, e8827.	2.5	43
6	Endogenous expression of TRPV5 and TRPV6 calcium channels in human leukemia K562 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C1098-C1104.	4.6	40
7	Sodium Channel Activity in Leukemia Cells Is Directly Controlled by Actin Polymerization. <i>Journal of Biological Chemistry</i> , 2000, 275, 40933-40937.	3.4	37
8	Ca-dependent regulation of Na <sup>+</sup> -selective channels via actin cytoskeleton modification in leukemia cells. <i>FEBS Letters</i> , 1997, 412, 94-96.	2.8	30
9	Regulation of Sodium Channel Activity by Capping of Actin Filaments. <i>Molecular Biology of the Cell</i> , 2003, 14, 1709-1716.	2.1	29
10	Expression of Transient Receptor Potential Vanilloid Channels TRPV5 and TRPV6 in Human Blood Lymphocytes and Jurkat Leukemia T Cells. <i>Journal of Membrane Biology</i> , 2013, 246, 131-140.	2.1	29
11	Actin cytoskeleton disassembly affects conductive properties of stretch-activated cation channels in leukaemia cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1669, 53-60.	2.6	26
12	Local calcium signalling is mediated by mechanosensitive ion channels in mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 563-568.	2.1	22
13	Arp2/3 complex inhibitors adversely affect actin cytoskeleton remodeling in the cultured murine kidney collecting duct M-1 cells. <i>Cell and Tissue Research</i> , 2013, 354, 783-792.	2.9	20
14	TRPV5/V6 Channels Mediate Ca <sup>2+</sup> Influx in Jurkat T Cells Under the Control of Extracellular pH. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 197-206.	2.6	16
15	Magnesium permeation through mechanosensitive channels: single-current measurements. <i>Cell Research</i> , 2006, 16, 723-730.	12.0	11
16	Cell Cycle-Dependent Expression of Brk Channels in Human Mesenchymal Endometrial Stem Cells. <i>Scientific Reports</i> , 2019, 9, 4595.	3.3	11
17	Amiloride-insensitive sodium channels are directly regulated by actin cytoskeleton dynamics in human lymphoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 54-58.	2.1	9
18	Non-hydrolyzable analog of GTP induces activity of Na <sup>+</sup> channels via disassembly of cortical actin cytoskeleton. <i>FEBS Letters</i> , 2003, 547, 27-31.	2.8	8

#	ARTICLE	IF	CITATIONS
19	Functional coupling of ion channels in cellular mechanotransduction. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 421-424.	2.1	8
20	Simvastatin induced actin cytoskeleton disassembly in normal and transformed fibroblasts without affecting lipid raft integrity. <i>Cell Biology International</i> , 2017, 41, 1020-1029.	3.0	8
21	Extracellular protease trypsin activates amiloride-insensitive sodium channels in human leukemia cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 461-469.	2.6	7
22	Properties of Mg <sup>2+</sup> -dependent cation channels in human leukemia K562 cells. <i>Journal of Cellular Physiology</i> , 2005, 205, 372-378.	4.1	5
23	Functional clustering and coupling of ion channels in cellular mechanosensing is independent on lipid raft integrity in plasma membrane. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118764.	4.1	2
24	Single ion channel recording in 3D culture of stem cells using patch-clamp technique. <i>Biochemical and Biophysical Research Communications</i> , 2022, 619, 22-26.	2.1	2