

# Vladislav I Chubinskiy-Nadezhdin

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

322  
citations

1039880

9  
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839398

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28  
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28  
docs citations

28  
times ranked

439  
citing authors

#	ARTICLE	IF	CITATIONS
1	Store-Operated Ca <sup>2+</sup> Entry Contributes to Piezo1-Induced Ca <sup>2+</sup> Increase in Human Endometrial Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3763.	1.8	9
2	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.	1.0	2
3	Selective Chemical Activation of Piezo1 in Leukemia Cell Membrane: Single Channel Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7839.	1.8	6
4	The analysis of F-actin structure of mesenchymal stem cells by quantification of fractal dimension. <i>PLoS ONE</i> , 2021, 16, e0260727.	1.1	9
5	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.	1.9	2
6	Increased Migration Ability of Adenomyosis-Derived Endometrial Mesenchymal Stem Cells. <i>Cell and Tissue Biology</i> , 2020, 14, 190-195.	0.2	2
7	Agonist-induced Piezo1 activation suppresses migration of transformed fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 173-179.	1.0	46
8	Cell Cycle-Dependent Expression of Bk Channels in Human Mesenchymal Endometrial Stem Cells. <i>Scientific Reports</i> , 2019, 9, 4595.	1.6	11
9	Extracellular protease trypsin activates amiloride-insensitive sodium channels in human leukemia cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 461-469.	1.2	7
10	Investigation of mechanical properties of transformed living cells by means of atomic-force microscopy with high aspect ratio probes. <i>Journal of Physics: Conference Series</i> , 2018, 1092, 012177.	0.3	0
11	Investigation of native cells in liquid using the high aspect ratio nanowhisker probes by means of atomic force microscopy. <i>Journal of Physics: Conference Series</i> , 2018, 1038, 012023.	0.3	0
12	Coupled Activation of Mechanosensitive and Calcium-Dependent Potassium Channels in 3T3 and 3T3-SV40 Cells. <i>Cell and Tissue Biology</i> , 2018, 12, 231-237.	0.2	4
13	COUPLED ACTIVATION OF MECHANOSENSITIVE AND CALCIUM-DEPENDENT POTASSIUM CHANNELS IN 3T3 AND 3T3-SV40 CELLS. <i>Tsitologiya</i> , 2018, 60, 14-20.	0.2	0
14	Simvastatin induced actin cytoskeleton disassembly in normal and transformed fibroblasts without affecting lipid raft integrity. <i>Cell Biology International</i> , 2017, 41, 1020-1029.	1.4	8
15	Local calcium signalling is mediated by mechanosensitive ion channels in mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 563-568.	1.0	22
16	Scanning ion-conductance and atomic force microscope with specialized sphere-shaped nanopipettes. <i>Journal of Physics: Conference Series</i> , 2017, 917, 042022.	0.3	0
17	Specialized nanowhisker probes for high-precision investigation of native bio-objects in liquid by means of atomic force microscopy. <i>Journal of Physics: Conference Series</i> , 2017, 929, 012018.	0.3	0
18	Microfluidic chips for the study of cell migration under the effect of chemicals. <i>Technical Physics Letters</i> , 2016, 42, 478-481.	0.2	1

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19	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.	1.0	9
20	Angiotensin II has acute effects on TRPC6 channels in podocytes of freshly isolated glomeruli. <i>Kidney International</i> , 2014, 86, 506-514.	2.6	80
21	Functional coupling of ion channels in cellular mechanotransduction. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 421-424.	1.0	8
22	Role of submembranous actin cytoskeleton in regulation of non-voltage-gated sodium channels. <i>Doklady Biochemistry and Biophysics</i> , 2013, 450, 126-129.	0.3	4
23	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.	1.5	20
24	Functional impact of cholesterol sequestration on actin cytoskeleton in normal and transformed fibroblasts. <i>Cell Biology International</i> , 2013, 37, 617-623.	1.4	23
25	Cholesterol depletion-induced inhibition of stretch-activated channels is mediated via actin rearrangement. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 80-85.	1.0	47