

Mikhail A Shulepko

List of Publications by Year in descending order

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papers

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643
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular Vesicles Derived from Acidified Metastatic Melanoma Cells Stimulate Growth, Migration, and Stemness of Normal Keratinocytes. <i>Biomedicines</i> , 2022, 10, 660.	3.2	6
2	SLURP-1 Controls Growth and Migration of Lung Adenocarcinoma Cells, Forming a Complex With $\alpha 7$ -nAChR and PDGFR/EGFR Heterodimer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 739391.	3.7	16
3	Biochemical Basis of Skin Disease Mal de Meleda: SLURP-1 Mutants Differently Affect Keratinocyte Proliferation and Apoptosis. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2229-2237.	0.7	9
4	Human Three-Finger Protein Ly6d Is a Negative Modulator of the Cholinergic System in the Brain. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 662227.	3.7	10
5	Mambalgin-2 Inhibits Growth, Migration, and Invasion of Metastatic Melanoma Cells by Targeting the Channels Containing an ASIC1a Subunit Whose Up-Regulation Correlates with Poor Survival Prognosis. <i>Biomedicines</i> , 2021, 9, 1324.	3.2	9
6	Structural Diversity and Dynamics of Human Three-Finger Proteins Acting on Nicotinic Acetylcholine Receptors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7280.	4.1	14
7	Mambalgin-2 Induces Cell Cycle Arrest and Apoptosis in Glioma Cells via Interaction with ASIC1a. <i>Cancers</i> , 2020, 12, 1837.	3.7	21
8	Human secreted protein SLURP-1 abolishes nicotine-induced proliferation, PTEN down-regulation and $\alpha 7$ -nAChR expression up-regulation in lung cancer cells. <i>International Immunopharmacology</i> , 2020, 82, 106303.	3.8	18
9	Water-soluble variant of human Lynx1 positively modulates synaptic plasticity and ameliorates cognitive impairment associated with $\alpha 7$ -nAChR dysfunction. <i>Journal of Neurochemistry</i> , 2020, 155, 45-61.	3.9	23
10	Multiple Modulation of Acid-Sensing Ion Channel 1a by the Alkaloid Daurisoline. <i>Biomolecules</i> , 2019, 9, 336.	4.0	17
11	Cell-Free Expression of Sodium Channel Domains for Pharmacology Studies. Noncanonical Spider Toxin Binding Site in the Second Voltage-Sensing Domain of Human Nav1.4 Channel. <i>Frontiers in Pharmacology</i> , 2019, 10, 953.	3.5	4
12	Water-soluble variant of human Lynx1 induces cell cycle arrest and apoptosis in lung cancer cells via modulation of $\alpha 7$ nicotinic acetylcholine receptors. <i>PLoS ONE</i> , 2019, 14, e0217339.	2.5	37
13	Structural and Dynamic Portraits of Recombinant and Native Cytotoxin I from <i>Naja oxiana</i> : How Close Are They?. <i>Biochemistry</i> , 2017, 56, 4468-4477.	2.5	8
14	Human Secreted Ly-6/uPAR Related Protein-1 (SLURP-1) Is a Selective Allosteric Antagonist of $\alpha 7$ Nicotinic Acetylcholine Receptor. <i>PLoS ONE</i> , 2016, 11, e0149733.	2.5	65
15	Central loop of non-conventional toxin WTX from <i>Naja kaouthia</i> is important for interaction with nicotinic acetylcholine receptors. <i>Toxicon</i> , 2016, 119, 274-279.	1.6	18
16	Lynx1 and $\alpha 4\beta 2$ bind competitively to multiple nicotinic acetylcholine receptor subtypes. <i>Neurobiology of Aging</i> , 2016, 46, 13-21.	3.1	32
17	Structural Insight into Specificity of Interactions between Nonconventional Three-finger Weak Toxin from <i>Naja kaouthia</i> (WTX) and Muscarinic Acetylcholine Receptors. <i>Journal of Biological Chemistry</i> , 2015, 290, 23616-23630.	3.4	37
18	Expression of the Ly-6 family proteins Lynx1 and Ly6H in the rat brain is compartmentalized, cell-type specific, and developmentally regulated. <i>Brain Structure and Function</i> , 2014, 219, 1923-1934.	2.3	33

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19	NMR-based approach to measure the free energy of transmembrane helix-helix interactions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 164-172.	2.6	32
20	Structural and Functional Characterization of Alternative Transmembrane Domain Conformations in VEGF Receptor 2 Activation. <i>Structure</i> , 2014, 22, 1077-1089.	3.3	43
21	Water-soluble LYNX1 Residues Important for Interaction with Muscle-type and/or Neuronal Nicotinic Receptors. <i>Journal of Biological Chemistry</i> , 2013, 288, 15888-15899.	3.4	48
22	Structural investigation of influenza virus hemagglutinin membrane-anchoring peptide. <i>Protein Engineering, Design and Selection</i> , 2013, 26, 547-552.	2.1	27
23	Lipid-protein nanodiscs promote in vitro folding of transmembrane domains of multi-helical and multimeric membrane proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 776-784.	2.6	42
24	NMR Structure and Action on Nicotinic Acetylcholine Receptors of Water-soluble Domain of Human LYNX1. <i>Journal of Biological Chemistry</i> , 2011, 286, 10618-10627.	3.4	87
25	Specific Membrane Binding of Neurotoxin II Can Facilitate Its Delivery to Acetylcholine Receptor. <i>Biophysical Journal</i> , 2009, 97, 2089-2097.	0.5	31