

Yuri A Ushkaryov

List of Publications by Year in descending order

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61
papers

5,728
citations

101543

36
h-index

118850

62
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64
all docs

64
docs citations

64
times ranked

4380
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurexins: synaptic cell surface proteins related to the alpha-latrotoxin receptor and laminin. <i>Science</i> , 1992, 257, 50-56.	12.6	665
2	Cellubrevin is a ubiquitous tetanus-toxin substrate homologous to a putative synaptic vesicle fusion protein. <i>Nature</i> , 1993, 364, 346-349.	27.8	489
3	Cartography of neurexins: More than 1000 isoforms generated by alternative splicing and expressed in distinct subsets of neurons. <i>Neuron</i> , 1995, 14, 497-507.	8.1	405
4	International Union of Basic and Clinical Pharmacology. XCIV. Adhesion G Protein-coupled Receptors. <i>Pharmacological Reviews</i> , 2015, 67, 338-367.	16.0	392
5	$\hat{\pm}$ -Latrotoxin Receptor, Latrophilin, Is a Novel Member of the Secretin Family of G Protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 1997, 272, 21504-21508.	3.4	267
6	Binding of synaptotagmin to the $\hat{\pm}$ -latrotoxin receptor implicates both in synaptic vesicle exocytosis. <i>Nature</i> , 1991, 353, 65-68.	27.8	261
7	Latrophilin 1 and its endogenous ligand Lasso/teneurin-2 form a high-affinity transsynaptic receptor pair with signaling capabilities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12113-12118.	7.1	223
8	The Tim-3-galectin-9 Secretory Pathway is Involved in the Immune Escape of Human Acute Myeloid Leukemia Cells. <i>EBioMedicine</i> , 2017, 22, 44-57.	6.1	167
9	Isolation and Biochemical Characterization of a Ca ²⁺ -independent $\hat{\pm}$ -Latrotoxin-binding Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 23239-23245.	3.4	142
10	Neurexin III alpha: extensive alternative splicing generates membrane-bound and soluble forms.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 6410-6414.	7.1	140
11	The multiple actions of black widow spider toxins and their selective use in neurosecretion studies. <i>Toxicon</i> , 2004, 43, 527-542.	1.6	140
12	Structure of alpha-latrotoxin oligomers reveals that divalent cation-dependent tetramers form membrane pores. <i>Nature Structural Biology</i> , 2000, 7, 48-53.	9.7	128
13	Vesicle exocytosis stimulated by $\hat{\pm}$ -latrotoxin is mediated by latrophilin and requires both external and stored Ca ²⁺ . <i>EMBO Journal</i> , 1998, 17, 3909-3920.	7.8	119
14	The Tim-3-Galectin-9 Pathway and Its Regulatory Mechanisms in Human Breast Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 1594.	4.8	119
15	Conserved domain structure of beta-neurexins. Unusual cleaved signal sequences in receptor-like neuronal cell-surface proteins. <i>Journal of Biological Chemistry</i> , 1994, 269, 11987-92.	3.4	119
16	Structure of a novel InsP3 receptor. <i>EMBO Journal</i> , 1991, 10, 3199-206.	7.8	109
17	Latrophilin fragments behave as independent proteins that associate and signal on binding of LTXN4C. <i>EMBO Journal</i> , 2004, 23, 4423-4433.	7.8	105
18	Insecticidal toxins from black widow spider venom. <i>Toxicon</i> , 2007, 49, 531-549.	1.6	94

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19	The latrophilin family: multiply spliced G protein-coupled receptors with differential tissue distribution. <i>FEBS Letters</i> , 1999, 443, 348-352.	2.8	81
20	Calpain inhibitors protect against axonal degeneration in a model of anti-ganglioside antibody-mediated motor nerve terminal injury. <i>Brain</i> , 2003, 126, 2497-2509.	7.6	81
21	$\hat{\text{I}}\pm$ -Latrotoxin, Acting via Two Ca^{2+} -dependent Pathways, Triggers Exocytosis of Two Pools of Synaptic Vesicles. <i>Journal of Biological Chemistry</i> , 2001, 276, 44695-44703.	3.4	79
22	The family of human Na^{+} , K^{+} -ATPase genes No less than five genes and/or pseudogenes related to the $\hat{\text{I}}\pm$ -subunit. <i>FEBS Letters</i> , 1987, 217, 275-278.	2.8	77
23	Ca^{2+} -independent insulin exocytosis induced by α -latrotoxin requires latrophilin, a G protein-coupled receptor. <i>EMBO Journal</i> , 1998, 17, 648-657.	7.8	76
24	Norepinephrine exocytosis stimulated by $\hat{\text{I}}\pm$ -latrotoxin requires both external and stored Ca^{2+} and is mediated by latrophilin, G proteins and phospholipase C. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 379-386.	4.0	75
25	$\hat{\text{I}}\pm$ -Latrotoxin and Its Receptors. <i>Handbook of Experimental Pharmacology</i> , 2008, , 171-206.	1.8	72
26	Family of human Na^{+} , K^{+} -ATPase genes Structure of the gene for the catalytic subunit ($\hat{\text{I}}\pm$ III-form) and its relationship with structural features of the protein. <i>FEBS Letters</i> , 1988, 233, 87-94.	2.8	69
27	Penelope's web: using $\hat{\text{I}}\pm$ -latrotoxin to untangle the mysteries of exocytosis. <i>Journal of Neurochemistry</i> , 2009, 111, 275-290.	3.9	60
28	Functional Cross-interaction of the Fragments Produced by the Cleavage of Distinct Adhesion G-protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 2009, 284, 6495-6506.	3.4	59
29	Different transporter systems regulate extracellular GABA from vesicular and non-vesicular sources. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 23.	3.7	54
30	The $\hat{\text{I}}\pm$ -Latrotoxin Mutant LTX ^{N4C} Enhances Spontaneous and Evoked Transmitter Release in CA3 Pyramidal Neurons. <i>Journal of Neuroscience</i> , 2003, 23, 4044-4053.	3.6	51
31	The Latrophilins, "Split-Personality" Receptors. <i>Advances in Experimental Medicine and Biology</i> , 2010, 706, 59-75.	1.6	48
32	SNARE tagging allows stepwise assembly of a multimodular medicinal toxin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18197-18201.	7.1	47
33	Latrophilin, Neurexin, and Their Signaling-deficient Mutants Facilitate $\hat{\text{I}}\pm$ -Latrotoxin Insertion into Membranes but Are Not Involved in Pore Formation. <i>Journal of Biological Chemistry</i> , 2000, 275, 41175-41183.	3.4	42
34	Tetramerisation of $\hat{\text{I}}\pm$ -latrotoxin by divalent cations is responsible for toxin-induced non-vesicular release and contributes to the Ca^{2+} -dependent vesicular exocytosis from synaptosomes. <i>Biochimie</i> , 2000, 82, 453-468.	2.6	41
35	The Mechanism of Regulated Release of Lasso/Teneurin-2. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 59.	2.9	41
36	Mutant $\hat{\text{I}}\pm$ -Latrotoxin (LTXN4C) Does Not Form Pores and Causes Secretion by Receptor Stimulation. <i>Journal of Biological Chemistry</i> , 2003, 278, 31058-31066.	3.4	40

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37	Neurexin $\beta 2$ and neuroligin are localized on opposite membranes in mature central synapses. <i>Journal of Neurochemistry</i> , 2007, 103, 1855-1863.	3.9	40
38	Enhancement of spontaneous transmitter release at neonatal mouse neuromuscular junctions by the glial cell line-derived neurotrophic factor (GDNF). <i>Journal of Physiology</i> , 1998, 512, 635-641.	2.9	36
39	$\beta 1$ -Latrotoxin forms calcium-permeable membrane pores via interactions with latrophilin or neurexin. <i>European Journal of Neuroscience</i> , 2000, 12, 3953-3962.	2.6	36
40	Polypeptide composition of the alpha-latrotoxin receptor. High affinity binding protein consists of a family of related high molecular weight polypeptides complexed to a low molecular weight protein. <i>Journal of Biological Chemistry</i> , 1993, 268, 1860-7.	3.4	36
41	Proteolytically released Lasso/teneurin-2 induces axonal attraction by interacting with latrophilin-1 on axonal growth cones. <i>ELife</i> , 2018, 7, .	6.0	35
42	$\beta 1$ -Latrotoxin: from structure to some functions. <i>Toxicon</i> , 2002, 40, 1-5.	1.6	32
43	The family of human Na ⁺ K ⁺ -ATPase genes. <i>FEBS Letters</i> , 1987, 213, 73-80.	2.8	30
44	Functional expression of $\beta 1$ -latrotoxin in baculovirus system. <i>FEBS Letters</i> , 1999, 442, 25-28.	2.8	30
45	Properties of Synaptic Vesicle Pools in Mature Central Nerve Terminals. <i>Journal of Biological Chemistry</i> , 2005, 280, 37278-37288.	3.4	30
46	ECMâ€“Receptor Regulatory Network and Its Prognostic Role in Colorectal Cancer. <i>Frontiers in Genetics</i> , 2021, 12, 782699.	2.3	29
47	$\beta 1$ -Latrotoxin Induces Exocytosis by Inhibition of Voltage-dependent K ⁺ Channels and by Stimulation of L-type Ca ²⁺ Channels via Latrophilin in $\beta 2$ -Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 5522-5531.	3.4	27
48	Modification of rat brain Kv1.4 channel gating by association with accessory Kv $\beta 1.1$ and $\beta 2.1$ subunits. <i>Pflugers Archiv European Journal of Physiology</i> , 1997, 435, 43-54.	2.8	22
49	Neurexins. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1992, 57, 483-490.	1.1	20
50	The expanding functional roles and signaling mechanisms of adhesion G proteinâ€“coupled receptors. <i>Annals of the New York Academy of Sciences</i> , 2019, 1456, 5-25.	3.8	16
51	Expression of functional neuronal receptor latrophilin 1 in human acute myeloid leukaemia cells. <i>Oncotarget</i> , 2016, 7, 45575-45583.	1.8	15
52	Family of human Na ⁺ ,K ⁺ -ATPase genes Structure of the putative regulatory region of the $\beta 1$ -gene. <i>FEBS Letters</i> , 1989, 244, 481-483.	2.8	14
53	Activation of $\beta 1$ -Latrotoxin Receptors in Neuromuscular Synapses Leads to a Prolonged Splash Acetylcholine Release. <i>Bulletin of Experimental Biology and Medicine</i> , 2009, 147, 701-703.	0.8	12
54	Presynaptic neurotoxins: An expanding array of natural and modified molecules. <i>Cell Calcium</i> , 2012, 52, 234-240.	2.4	11

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55	Î±-Latrotoxin Modulates the Secretory Machinery via Receptor-Mediated Activation of Protein Kinase C. <i>Traffic</i> , 2005, 6, 756-765.	2.7	10
56	Catching Latrophilin With Lasso: A Universal Mechanism for Axonal Attraction and Synapse Formation. <i>Frontiers in Neuroscience</i> , 2019, 13, 257.	2.8	10
57	Prediction of Epitopes in Closely Related Proteins Using a New Algorithm. <i>Bulletin of Experimental Biology and Medicine</i> , 2009, 148, 869-873.	0.8	9
58	Cortisol facilitates the immune escape of human acute myeloid leukemia cells by inducing latrophilin 1 expression. <i>Cellular and Molecular Immunology</i> , 2018, 15, 994-997.	10.5	9
59	Human Na ⁺ , K ⁺ -ATPase genes. <i>FEBS Letters</i> , 1989, 257, 439-442.	2.8	5
60	C-terminal phosphorylation of latrophilin-1/ADGRL1 affects the interaction between its fragments. <i>Annals of the New York Academy of Sciences</i> , 2019, 1456, 122-143.	3.8	1
61	Interrelation between miRNA and mRNA expression in HT-29 line cells under hypoxia. <i>Bulletin of Russian State Medical University</i> , 2020, , .	0.2	0