

# Alexey Lipkin

## List of Publications by Year in descending order

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29  
papers

634  
citations

759233

12  
h-index

580821

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1002  
citing authors

#	ARTICLE	IF	CITATIONS
1	An ERG Channel Inhibitor from the Scorpion <i>Buthus eupeus</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 9868-9876.	3.4	85
2	An antimicrobial peptide Ar-AMP from amaranth ( <i>Amaranthus retroflexus</i> L.) seeds. <i>Phytochemistry</i> , 2005, 66, 2426-2431.	2.9	76
3	New Binding Site on Common Molecular Scaffold Provides HERG Channel Specificity of Scorpion Toxin BeKm-1. <i>Journal of Biological Chemistry</i> , 2002, 277, 43104-43109.	3.4	59
4	Phospholipase Superfamily: Structure, Functions, and Biotechnological Applications. <i>Biochemistry (Moscow)</i> , 2020, 85, 177-195.	1.5	46
5	Trim17, a novel E3 ubiquitin-ligase, initiates neuronal apoptosis. <i>Cell Death and Differentiation</i> , 2010, 17, 1928-1941.	11.2	41
6	Structure of the low molecular weight protein copurified with $\hat{\iota}$ -latrotoxin. <i>Toxicon</i> , 1992, 30, 771-774.	1.6	40
7	Genes Regulated in Neurons Undergoing Transcription-dependent Apoptosis Belong to Signaling Pathways Rather than the Apoptotic Machinery. <i>Journal of Biological Chemistry</i> , 2005, 280, 5693-5702.	3.4	39
8	Transparent and flexible, nanostructured and mediatorless glucose/oxygen enzymatic fuel cells. <i>Journal of Power Sources</i> , 2015, 294, 501-506.	7.8	36
9	Novel insecticidal toxins from the venom of the spider <i>Segestria florentina</i> . <i>Toxicon</i> , 2002, 40, 125-130.	1.6	30
10	3D structure of the natural tetrameric form of human butyrylcholinesterase as revealed by cryoEM, SAXS and MD. <i>Biochimie</i> , 2019, 156, 196-205.	2.6	26
11	Amino acid sequence of RTX-A's isoform actinoporin from the sea anemone, <i>Radianthus macrodactylus</i> . <i>Toxicon</i> , 2006, 47, 517-520.	1.6	24
12	Expression, purification, crystallization and preliminary X-ray crystallographic analysis of the histone-like HU protein from <i>Spiroplasma melliferum</i> KC3. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 24-27.	0.8	23
13	From gene to structure: The protein factory of the NBICS Centre of Kurchatov Institute. <i>Crystallography Reports</i> , 2013, 58, 442-449.	0.6	12
14	Isolation, purification, crystallization, and preliminary X-ray diffraction study of the crystals of HU protein from <i>M. gallisepticum</i> . <i>Crystallography Reports</i> , 2015, 60, 880-883.	0.6	11
15	Selection strategy and the design of hybrid oligonucleotide primers for RACE-PCR: cloning a family of toxin-like sequences from <i>Agelena orientalis</i> . <i>BMC Molecular Biology</i> , 2007, 8, 32.	3.0	10
16	Novel fragment-like inhibitors of EphA2 obtained by experimental screening and modelling. <i>Mendeleev Communications</i> , 2010, 20, 263-265.	1.6	10
17	"New Inhibitor of Insect Calcium Channels Isolated from Spider Venom. <i>Scientific Reports</i> , 2015, 5, 17232.	3.3	9
18	Truncated variants of <i>Serratia proteamaculans</i> oligopeptidase B having different activities. <i>Biochemistry (Moscow)</i> , 2015, 80, 1331-1343.	1.5	9

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19	Purification and cDNA cloning of an insecticidal protein from the venom of the scorpion <i>Orthochirus scrobiculosus</i> . <i>Toxicon</i> , 2000, 38, 361-371.	1.6	8
20	Rational design and synthesis of novel Syk-kinase inhibitors. <i>Mendeleev Communications</i> , 2012, 22, 73-74.	1.6	8
21	Novel protein haponin regulates cellular response to oxidative stress. <i>Doklady Biochemistry and Biophysics</i> , 2011, 440, 225-227.	0.9	7
22	New insight into formation of DNA-containing microparticles during PCR: the scaffolding role of magnesium pyrophosphate crystals. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 625-639.	3.5	5
23	Structure of recombinant prolidase from <i>Thermococcus sibiricus</i> in space group $P2_12_12_1$ . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 951-957.	0.8	4
24	Potentially implantable biocathode with the function of charge accumulation based on nanocomposite of polyaniline/carbon nanotubes. <i>Russian Journal of Electrochemistry</i> , 2016, 52, 1166-1171.	0.9	4
25	Expression, purification and biophysical characterization of recombinant <i>Streptomyces violaceoruber</i> phospholipase PLA2 overproduced in <i>Pichia pastoris</i> . <i>Preparative Biochemistry and Biotechnology</i> , 2020, 50, 549-555.	1.9	4
26	Three-Dimensional Structure of Cytochrome c Nitrite Reductase As Determined by Cryo-Electron Microscopy. <i>Acta Naturae</i> , 2018, 10, 48-56.	1.7	3
27	Efficacy of Novel Syk-Kinase Inhibitors MT-SYK-03 and MT-SYK-322 in Cellular Models of Autoimmunity and Cancer. <i>Mendeleev Communications</i> , 2012, 22, 287-289.	1.6	2
28	Identification of the ligand in the structure of the protein with unknown function STM4435 from <i>Salmonella typhimurium</i> . <i>Doklady Biochemistry and Biophysics</i> , 2014, 457, 121-124.	0.9	2
29	Development of a Scalable Method for the Isolation and Purification of Recombinant Secretory Phospholipase A2 Expressed in Methylotrophic Yeast <i>Pichia pastoris</i> . <i>Applied Biochemistry and Microbiology</i> , 2019, 55, 670-676.	0.9	1