

Yuri N Utkin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160
papers

2,744
citations

30
h-index

42
g-index

187
ext. papers

3,156
ext. citations

3.1
avg, IF

5.2
L-index

#	Paper	IF	Citations
160	Anti-HIV Activity of Snake Venom Phospholipase A2s: Updates for New Enzymes and Different Virus Strains.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
159	Marine Origin Ligands of Nicotinic Receptors: Low Molecular Compounds, Peptides and Proteins for Fundamental Research and Practical Applications.. <i>Biomolecules</i> , 2022 , 12,	5.9	3
158	S- and P-type cobra venom cardiotoxins differ in their action on isolated rat heart.. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2022 , 28, e20210110	2.2	1
157	Toxins' classification through Raman spectroscopy with principal component analysis.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 278, 121276	4.4	1
156	Cardiovascular Effects of Snake Toxins: Cardiotoxicity and Cardioprotection. <i>Acta Naturae</i> , 2021 , 13, 4-14	2.1	1
155	Snake Toxins Labeled by Green Fluorescent Protein or Its Synthetic Chromophore are New Probes for Nicotinic acetylcholine Receptors.. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 753283	5.6	
154	Snake venom phospholipase As exhibit strong virucidal activity against SARS-CoV-2 and inhibit the viral spike glycoprotein interaction with ACE2. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 7777-7794	10.3	5
153	Three-finger proteins from snakes and humans acting on nicotinic receptors: Old and new. <i>Journal of Neurochemistry</i> , 2021 , 158, 1223-1235	6	8
152	The new COST Action European Venom Network (EUVEN)-synergy and future perspectives of modern venomics. <i>GigaScience</i> , 2021 , 10,	7.6	1
151	The omega-loop of cobra cytotoxins tolerates multiple amino acid substitutions. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 558, 141-146	3.4	0
150	Novel Three-Finger Neurotoxins from Cobra Venom Interact with GABA and Nicotinic Acetylcholine Receptors. <i>Toxins</i> , 2021 , 13,	4.9	3
149	Conotoxins and Cobratoxin Promote, while Lipoxygenase and Cyclooxygenase Inhibitors Suppress the Proliferation of Glioma C6 Cells. <i>Marine Drugs</i> , 2021 , 19,	6	5
148	Interaction of $\alpha 10$ Nicotinic Receptors With Peptides and Proteins From Animal Venoms.. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 765541	6.1	0
147	Screening Snake Venoms for Toxicity to Revealed Anti-Protozoan Activity of Cobra Cytotoxins. <i>Toxins</i> , 2020 , 12,	4.9	3
146	Atypical Acetylcholine Receptors on the Neurons of the Turkish Snail. <i>Doklady Biochemistry and Biophysics</i> , 2020 , 491, 81-84	0.8	1
145	Nerve growth factor from Indian Russell's viper venom (RVV-NGFa) shows high affinity binding to TrkA receptor expressed in breast cancer cells: Application of fluorescence labeled RVV-NGFa in the clinical diagnosis of breast cancer. <i>Biochimie</i> , 2020 , 176, 31-44	4.6	3
144	Conotoxins Enhance both the In Vivo Suppression of Ehrlich carcinoma Growth and In Vitro Reduction in Cell Viability Elicited by Cyclooxygenase and Lipoxygenase Inhibitors. <i>Marine Drugs</i> , 2020 , 18,	6	3

143	PNU-120596, a positive allosteric modulator of mammalian $\alpha 7$ nicotinic acetylcholine receptor, is a negative modulator of ligand-gated chloride-selective channels of the gastropod <i>Lymnaea stagnalis</i> . <i>Journal of Neurochemistry</i> , 2020 , 155, 274-284	6	2
142	Snake C-type lectin-like proteins inhibit nicotinic acetylcholine receptors. <i>Journal of Venom Research</i> , 2020 , 10, 23-29	0.6	
141	Antibacterial activity of cardiotoxin-like basic polypeptide from cobra venom. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 126890	2.9	2
140	Novel Bradykinin-Potentiating Peptides and Three-Finger Toxins from Viper Venom: Combined NGS Venom Gland Transcriptomics and Quantitative Venom Proteomics of the Viper. <i>Biomedicines</i> , 2020 , 8,	4.8	6
139	Activation of $\alpha 7$ Nicotinic Acetylcholine Receptor Upregulates HLA-DR and Macrophage Receptors: Potential Role in Adaptive Immunity and in Preventing Immunosuppression. <i>Biomolecules</i> , 2020 , 10,	5.9	12
138	Nanoencapsulation Enhances Anticoagulant Activity of Adenosine and Dipeptide IleTrp. <i>Nanomaterials</i> , 2019 , 9,	5.4	3
137	Aging Affects Nicotinic Acetylcholine Receptors in Brain. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2019 , 19, 119-124	1.8	10
136	Meet Our Section Editor. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2019 , 19, 1-2	1.8	0
135	Last decade update for three-finger toxins: Newly emerging structures and biological activities. <i>World Journal of Biological Chemistry</i> , 2019 , 10, 17-27	3.8	24
134	New options of classical cholinergic antagonists: The studies of GABA-A receptors. <i>Toxicon</i> , 2019 , 158, S22-S23	2.8	
133	Intraspecific Variability in the Composition of the Venom from Monocled Cobra (<i>Naja kaouthia</i>). <i>Russian Journal of Bioorganic Chemistry</i> , 2019 , 45, 107-121	1	4
132	Novel long-chain neurotoxins from distinguish the two binding sites in muscle-type nicotinic acetylcholine receptors. <i>Biochemical Journal</i> , 2019 , 476, 1285-1302	3.8	13
131	From Synthetic Fragments of Endogenous Three-Finger Proteins to Potential Drugs. <i>Frontiers in Pharmacology</i> , 2019 , 10, 748	5.6	8
130	Scorpion toxins interact with nicotinic acetylcholine receptors. <i>FEBS Letters</i> , 2019 , 593, 2779-2789	3.8	6
129	Phospholipase A from krait venom induces human cancer cell death in vitro. <i>PeerJ</i> , 2019 , 7, e8055	3.1	9
128	Phospholipidic Colchicinoids as Promising Prodrugs Incorporated into Enzyme-Responsive Liposomes: Chemical, Biophysical, and Enzymological Aspects. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1098-1113	6.3	11
127	Impact of membrane partitioning on the spatial structure of an S-type cobra cytotoxin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018 , 36, 3463-3478	3.6	8
126	Azemiopsin, a Selective Peptide Antagonist of Muscle Nicotinic Acetylcholine Receptor: Preclinical Evaluation as a Local Muscle Relaxant. <i>Toxins</i> , 2018 , 10,	4.9	19

125	Brain and Quantum Dots: Benefits of Nanotechnology for Healthy and Diseased Brain. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2018 , 18, 193-205	1.8	5
124	Conjugates of α -Cobratoxin with CdSe Quantum Dots: Preparation and Biological Activity. <i>Nano Hybrids and Composites</i> , 2017 , 13, 3-8	0.7	3
123	Heterodimeric V.ϕhikolskii phospholipases A2 induce aggregation of the lipid bilayer. <i>Toxicon</i> , 2017 , 133, 169-179	2.8	9
122	Detection of human neuronal α 7 nicotinic acetylcholine receptors by conjugates of snake Neurotoxin with quantum dots. <i>Doklady Biochemistry and Biophysics</i> , 2017 , 475, 253-255	0.8	1
121	Cobra Venom Factor and Ketoprofen Abolish the Antitumor Effect of Nerve Growth Factor from Cobra Venom. <i>Toxins</i> , 2017 , 9,	4.9	2
120	Pancreatic and snake venom presynaptically active phospholipases A2 inhibit nicotinic acetylcholine receptors. <i>PLoS ONE</i> , 2017 , 12, e0186206	3.7	16
119	New paradoxical three-finger toxin from the cobra Naja kaouthia venom: Isolation and characterization. <i>Doklady Biochemistry and Biophysics</i> , 2017 , 475, 264-266	0.8	2
118	Possible involvement of neuronal nicotinic acetylcholine receptors in compensatory brain mechanisms at early stages of Parkinson's disease. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2017 , 11, 363-370	0.4	
117	Low-molecular-weight compounds with anticoagulant activity from the scorpion Heterometrus laoticus venom. <i>Doklady Biochemistry and Biophysics</i> , 2017 , 476, 316-319	0.8	4
116	Towards universal approach for bacterial production of three-finger Ly6/uPAR proteins: Case study of cytotoxin I from cobra N.ϕxiana. <i>Protein Expression and Purification</i> , 2017 , 130, 13-20	2	16
115	Anticoagulant Activity of Low-Molecular Weight Compounds from Heterometrus laoticus Scorpion Venom. <i>Toxins</i> , 2017 , 9,	4.9	7
114	Snake Venom Toxins Targeted at the Nervous System 2017 , 189-214		0
113	Antiproliferative Effects of Snake Venom Phospholipases A2 and Their Perspectives for Cancer Treatment. <i>Toxinology</i> , 2017 , 129-146	0	2
112	Pr-SNTX, a short-chain three-finger toxin from Papuan pigmy mulga snake, is an antagonist of muscle-type nicotinic acetylcholine receptor (α 1). <i>Bioscience, Biotechnology and Biochemistry</i> , 2016 , 80, 158-61	2.1	2
111	Central loop of non-conventional toxin WTX from Naja kaouthia is important for interaction with nicotinic acetylcholine receptors. <i>Toxicon</i> , 2016 , 119, 274-9	2.8	16
110	Quantitative Proteomic Analysis of Venoms from Russian Vipers of Pelias Group: Phospholipases A α are the Main Venom Components. <i>Toxins</i> , 2016 , 8, 105	4.9	22
109	Effect of a peptide modeling the nicotinic receptor binding site on the spectral and luminescent properties of dye complexes with cucurbit[8]uril. <i>High Energy Chemistry</i> , 2016 , 50, 121-126	0.9	2
108	Peptides from puff adder Bitis arietans venom, novel inhibitors of nicotinic acetylcholine receptors. <i>Toxicon</i> , 2016 , 121, 70-76	2.8	10

107	Interaction of three-finger proteins from snake venoms and from mammalian brain with the cys-loop receptors and their models. <i>Doklady Biochemistry and Biophysics</i> , 2016 , 468, 193-6	0.8	2
106	Natural compounds interacting with nicotinic acetylcholine receptors: from low-molecular weight ones to peptides and proteins. <i>Toxins</i> , 2015 , 7, 1683-701	4.9	23
105	Venoms of kraits <i>Bungarus multicinctus</i> and <i>Bungarus fasciatus</i> contain anticoagulant proteins. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 460, 53-8	0.8	3
104	Novel antagonists of nicotinic acetylcholine receptors--proteins from venoms of Viperidae snakes. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 461, 119-22	0.8	2
103	Quantitative proteomic analysis of Vietnamese krait venoms: Neurotoxins are the major components in <i>Bungarus multicinctus</i> and phospholipases A2 in <i>Bungarus fasciatus</i> . <i>Toxicon</i> , 2015 , 107, 197-209	2.8	40
102	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, 23616-30	5.4	28
101	Neurotoxins from snake venoms and α -conotoxin Iml inhibit functionally active ionotropic γ -aminobutyric acid (GABA) receptors. <i>Journal of Biological Chemistry</i> , 2015 , 290, 22747-58	5.4	38
100	α -conotoxins revealed different roles of nicotinic cholinergic receptor subtypes in oncogenesis of Ehrlich tumor and in the associated inflammation. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 463, 216-9	0.8	7
99	Antiproliferative Effects of Snake Venom Phospholipases A2 and Their Perspectives for Cancer Treatment 2015 , 1-15		0
98	Phospholipases a2 from Viperidae snakes: Differences in membranotropic activity between enzymatically active toxin and its inactive isoforms. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015 , 1848, 463-8	3.8	15
97	Animal venom studies: Current benefits and future developments. <i>World Journal of Biological Chemistry</i> , 2015 , 6, 28-33	3.8	76
96	Nonconventional three-finger toxin BMLCL from krait <i>Bungarus multicinctus</i> venom with high affinity interacts with nicotinic acetylcholine receptors. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 464, 294-7	0.8	3
95	Cobra cytotoxins: determinants of antibacterial activity. <i>Mendeleev Communications</i> , 2015 , 25, 70-71	1.9	4
94	Antiproliferative activity of cobra venom cytotoxins. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 638-48		14
93	Snake Venom Toxins Targeted at the Nervous System 2015 , 1-21		1
92	Vietnamese <i>Heterometrus laoticus</i> scorpion venom: evidence for analgesic and anti-inflammatory activity and isolation of new polypeptide toxin acting on Kv1.3 potassium channel. <i>Toxicon</i> , 2014 , 77, 40-8	2.8	21
91	Comparative analysis of membranotropic properties of various phospholipases A2 from venom of snakes of the family viperidae. <i>Doklady Biochemistry and Biophysics</i> , 2014 , 457, 125-7	0.8	0
90	Nerve growth factor from cobra venom inhibits the growth of Ehrlich tumor in mice. <i>Toxins</i> , 2014 , 6, 784-95	4.9	13

89	Inhibition of nicotinic acetylcholine receptors, a novel facet in the pleiotropic activities of snake venom phospholipases A2. <i>PLoS ONE</i> , 2014 , 9, e115428	3.7	24
88	Cobra Cytotoxins: Structural Organization and Antibacterial Activity. <i>Acta Naturae</i> , 2014 , 6, 11-18	2.1	21
87	Three-finger toxins, a deadly weapon of elapid venom--milestones of discovery. <i>Toxicon</i> , 2013 , 62, 50-5	2.8	59
86	Hetlaxin, a new toxin from the <i>Heterometrus laoticus</i> scorpion venom, interacts with voltage-gated potassium channel Kv1.3. <i>Doklady Biochemistry and Biophysics</i> , 2013 , 449, 109-11	0.8	6
85	Nerve growth factor suppresses Ehrlich carcinoma growth. <i>Doklady Biochemistry and Biophysics</i> , 2013 , 451, 207-8	0.8	4
84	Phospholipases A2 isolated from snake venoms block acetylcholine-elicited currents in identified <i>Lymnaea stagnalis</i> neurons. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2013 , 7, 203-206	0.7	1
83	Analysis of nociceptive effects of neurotoxic phospholipase A2 from <i>Vipera nikolskii</i> venom in mice. <i>Journal of Venom Research</i> , 2013 , 4, 1-4	0.6	3
82	Dimeric β -cobratoxin X-ray structure: localization of intermolecular disulfides and possible mode of binding to nicotinic acetylcholine receptors. <i>Journal of Biological Chemistry</i> , 2012 , 287, 6725-34	5.4	28
81	The new peptide from the Fea's viper <i>Azemiops feae</i> venom interacts with nicotinic acetylcholine receptors. <i>Doklady Biochemistry and Biophysics</i> , 2012 , 442, 33-5	0.8	4
80	Effects of snake venom polypeptides on central nervous system. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2012 , 12, 315-28	1.8	11
79	Azemiopsin from <i>Azemiops feae</i> viper venom, a novel polypeptide ligand of nicotinic acetylcholine receptor. <i>Journal of Biological Chemistry</i> , 2012 , 287, 27079-86	5.4	51
78	cDNA cloning, structural, and functional analyses of venom phospholipases A ₂ and a Kunitz-type protease inhibitor from steppe viper <i>Vipera ursinii renardi</i> . <i>Toxicon</i> , 2011 , 57, 332-41	2.8	28
77	An unusual phospholipase A ₂ from puff adder <i>Bitis arietans</i> venom--a novel blocker of nicotinic acetylcholine receptors. <i>Toxicon</i> , 2011 , 57, 787-93	2.8	25
76	Snake cytotoxins bind to membranes via interactions with phosphatidylserine head groups of lipids. <i>PLoS ONE</i> , 2011 , 6, e19064	3.7	41
75	Inhibition of the nicotinic acetylcholine receptors by cobra venom neurotoxins: is there a perspective in lung cancer treatment?. <i>PLoS ONE</i> , 2011 , 6, e20695	3.7	30
74	A new type of thrombin inhibitor, noncytotoxic phospholipase A ₂ , from the <i>Naja haje</i> cobra venom. <i>Toxicon</i> , 2010 , 55, 186-94	2.8	37
73	Anionic Lipids: Determinants of Binding Cytotoxins from Snake Venom on the Surface of Cell Membranes. <i>Acta Naturae</i> , 2010 , 2, 88-95	2.1	15
72	Naturally occurring and synthetic peptides acting on nicotinic acetylcholine receptors. <i>Current Pharmaceutical Design</i> , 2009 , 15, 2430-52	3.3	40

71	Polypeptide and peptide toxins, magnifying lenses for binding sites in nicotinic acetylcholine receptors. <i>Biochemical Pharmacology</i> , 2009 , 78, 720-31	6	64
70	Bacterial production and refolding from inclusion bodies of a "weak" toxin, a disulfide rich protein. <i>Biochemistry (Moscow)</i> , 2009 , 74, 1142-9	2.9	16
69	Weak toxin WTX from <i>Naja kaouthia</i> cobra venom interacts with both nicotinic and muscarinic acetylcholine receptors. <i>FEBS Journal</i> , 2009 , 276, 5065-75	5.7	32
68	Steered molecular dynamics simulations of cobra cytotoxin interaction with zwitterionic lipid bilayer: no penetration of loop tips into membranes. <i>Computational Biology and Chemistry</i> , 2009 , 33, 29-32	3.6	16
67	Cysteine-rich venom proteins from the snakes of Viperinae subfamily - molecular cloning and phylogenetic relationship. <i>Toxicon</i> , 2009 , 53, 162-8	2.8	23
66	Functions, structures and Triton X-100 effect for the catalytic subunits of heterodimeric phospholipases A2 from <i>Vipera nikolskii</i> venom. <i>Toxicon</i> , 2009 , 54, 709-16	2.8	9
65	Heterodimeric neurotoxic phospholipases A2--the first proteins from venom of recently established species <i>Vipera nikolskii</i> : implication of venom composition in viper systematics. <i>Toxicon</i> , 2008 , 51, 524-37	2.8	23
64	Nicotinic acetylcholine receptors alpha4beta2 and alpha7 regulate myelo- and erythropoiesis within the bone marrow. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 980-90	5.6	20
63	Naturally occurring disulfide-bound dimers of three-fingered toxins: a paradigm for biological activity diversification. <i>Journal of Biological Chemistry</i> , 2008 , 283, 14571-80	5.4	63
62	Computer modeling of binding of diverse weak toxins to nicotinic acetylcholine receptors. <i>Computational Biology and Chemistry</i> , 2007 , 31, 72-81	3.6	18
61	Behavioural effects in mice and intoxication symptomatology of weak neurotoxin from cobra <i>Naja kaouthia</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007 , 100, 273-8	3.1	10
60	Bacterial expression, NMR, and electrophysiology analysis of chimeric short/long-chain alpha-neurotoxins acting on neuronal nicotinic receptors. <i>Journal of Biological Chemistry</i> , 2007 , 282, 24784-91	5.4	26
59	Non-lethal polypeptide components in cobra venom. <i>Current Pharmaceutical Design</i> , 2007 , 13, 2906-15	3.3	12
58	Toxicity of venoms from vipers of Pelias group to crickets <i>Gryllus assimilis</i> and its relation to snake entomophagy. <i>Toxicon</i> , 2007 , 49, 995-1001	2.8	26
57	Detection of alpha7 nicotinic acetylcholine receptors with the aid of antibodies and toxins. <i>Life Sciences</i> , 2007 , 80, 2202-5	6.8	12
56	Snake Venom Polypeptides Affecting the Central Nervous System. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2007 , 7, 97-107	1.8	2
55	alpha-Conotoxin GI benzoylphenylalanine derivatives. (1)H-NMR structures and photoaffinity labeling of the <i>Torpedo californica</i> nicotinic acetylcholine receptor. <i>FEBS Journal</i> , 2006 , 273, 1373-88	5.7	13
54	Alpha-conotoxin analogs with additional positive charge show increased selectivity towards <i>Torpedo californica</i> and some neuronal subtypes of nicotinic acetylcholine receptors. <i>FEBS Journal</i> , 2006 , 273, 4470-81	5.7	29

53	Influence of phospholipases A2 from snake venoms on survival and neurite outgrowth in pheochromocytoma cell line PC12. <i>Biochemistry (Moscow)</i> , 2006 , 71, 678-84	2.9	12
52	Alpha-conotoxin analogs with enhanced affinity for nicotinic receptors and acetylcholine-binding proteins. <i>Journal of Molecular Neuroscience</i> , 2006 , 30, 77-8	3.3	2
51	Oxiagin from the <i>Naja oxiana</i> cobra venom is the first reprotolysin inhibiting the classical pathway of complement. <i>Molecular Immunology</i> , 2005 , 42, 1141-53	4.3	22
50	Diversity of nicotinic receptors mediating Cl ⁻ current in <i>Lymnaea</i> neurons distinguished with specific agonists and antagonist. <i>Neuroscience Letters</i> , 2005 , 373, 232-6	3.3	21
49	Cobra venom contains a pool of cysteine-rich secretory proteins. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 328, 177-82	3.4	41
48	Weak neurotoxin from <i>Naja kaouthia</i> cobra venom affects haemodynamic regulation by acting on acetylcholine receptors. <i>Toxicon</i> , 2005 , 45, 93-9	2.8	25
47	Polyclonal antibodies against native weak toxin <i>Naja kaouthia</i> discriminate native weak toxins and some other three-fingered toxins against their denaturated forms. <i>Toxicon</i> , 2005 , 46, 24-30	2.8	3
46	<i>Naja melanoleuca</i> cobra venom contains two forms of complement-depleting factor (CVF). <i>Toxicon</i> , 2005 , 46, 394-403	2.8	14
45	Interaction of three-finger toxins with phospholipid membranes: comparison of S- and P-type cytotoxins. <i>Biochemical Journal</i> , 2005 , 387, 807-15	3.8	45
44	A model for short alpha-neurotoxin bound to nicotinic acetylcholine receptor from <i>Torpedo californica</i> : comparison with long-chain alpha-neurotoxins and alpha-conotoxins. <i>Computational Biology and Chemistry</i> , 2005 , 29, 398-411	3.6	31
43	Isolation and preliminary crystallographic studies of two new phospholipases A2 from <i>Vipera nikolskii</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005 , 61, 189-92		5
42	Cancer cell injury by cytotoxins from cobra venom is mediated through lysosomal damage. <i>Biochemical Journal</i> , 2005 , 390, 11-8	3.8	77
41	The first representative of glycosylated three-fingered toxins. Cytotoxin from the <i>Naja kaouthia</i> cobra venom. <i>FEBS Journal</i> , 2004 , 271, 2018-27		18
40	Comparative study of structure and activity of cytotoxins from venom of the cobras <i>Naja oxiana</i> , <i>Naja kaouthia</i> , and <i>Naja haje</i> . <i>Biochemistry (Moscow)</i> , 2004 , 69, 1148-57	2.9	31
39	Intracellular domains of the delta-subunits of <i>Torpedo</i> and rat acetylcholine receptors--expression, purification, and characterization. <i>Protein Expression and Purification</i> , 2004 , 38, 237-47	2	10
38	Functional nicotinic acetylcholine receptors are expressed in B lymphocyte-derived cell lines. <i>Molecular Pharmacology</i> , 2003 , 64, 885-9	4.3	67
37	Direct cloning of a target gene from a pool of homologous sequences: complete cDNA sequence of a weak neurotoxin from cobra <i>Naja kaouthia</i> . <i>IUBMB Life</i> , 2003 , 55, 43-7	4.7	2
36	A comparative study on selectivity of alpha-conotoxins GI and Iml using their synthetic analogues and derivatives. <i>Neurochemical Research</i> , 2003 , 28, 599-606	4.6	7

35	Interaction of the P-type cardiotoxin with phospholipid membranes. <i>FEBS Journal</i> , 2003 , 270, 2038-46		32
34	Toxicity of cobra venom components to cockroach <i>Gromphadorhina portentosa</i> . <i>Toxicon</i> , 2002 , 40, 1507-2.8		3
33	Photoactivatable alpha-conotoxins reveal contacts with all subunits as well as antagonist-induced rearrangements in the <i>Torpedo californica</i> acetylcholine receptor. <i>FEBS Journal</i> , 2001 , 268, 3664-73		12
32	"Weak toxin" from <i>Naja kaouthia</i> is a nontoxic antagonist of alpha 7 and muscle-type nicotinic acetylcholine receptors. <i>Journal of Biological Chemistry</i> , 2001 , 276, 15810-5	5.4	94
31	Structure and Conformational Heterogeneity of a Weak Toxin from the Cobra <i>Naja kaouthia</i> Venom. <i>Russian Journal of Bioorganic Chemistry</i> , 2001 , 27, 72-83	1	4
30	Membrane binding motif of the P-type cardiotoxin. <i>Journal of Molecular Biology</i> , 2001 , 305, 137-49	6.5	48
29	Nicotinic receptors in <i>Lymnaea stagnalis</i> neurons are blocked by alpha-neurotoxins from cobra venoms. <i>Neuroscience Letters</i> , 2001 , 309, 189-92	3.3	20
28	First tryptophan-containing weak neurotoxin from cobra venom. <i>Toxicon</i> , 2001 , 39, 921-7	2.8	30
27	Muscarinic toxin-like proteins from cobra venom. <i>FEBS Journal</i> , 2000 , 267, 6784-9		37
26	The MALDI mass spectrometry in the identification of new proteins in snake venoms. <i>Russian Journal of Bioorganic Chemistry</i> , 2000 , 26, 721-724	1	1
25	Benzophenone-type photoactivatable derivatives of alpha-neurotoxins and alpha-conotoxins in studies on <i>Torpedo</i> nicotinic acetylcholine receptor. <i>Journal of Receptor and Signal Transduction Research</i> , 1999 , 19, 559-71	2.6	10
24	Physicochemical and immunological studies of the N-terminal domain of the <i>Torpedo</i> acetylcholine receptor alpha-subunit expressed in <i>Escherichia coli</i> . <i>FEBS Journal</i> , 1999 , 259, 310-9		30
23	Aromatic substitutions in alpha-conotoxin Iml. Synthesis of iodinated photoactivatable derivative. <i>Toxicon</i> , 1999 , 37, 1683-95	2.8	17
22	Labeling of <i>Torpedo californica</i> nicotinic acetylcholine receptor subunits by cobra toxin derivatives with photoactivatable groups of different chemical nature at Lys23. <i>FEBS Journal</i> , 1998 , 253, 229-35		15
21	Spatial structure of the M3 transmembrane segment of the nicotinic acetylcholine receptor alpha subunit. <i>FEBS Journal</i> , 1998 , 255, 455-61		36
20	Reverse-phase chromatography isolation and MALDI mass spectrometry of the acetylcholine receptor subunits. <i>Protein Expression and Purification</i> , 1998 , 12, 226-32	2	4
19	Substance P derivatives with photoactivatable labels in the N-terminal part of the molecule. <i>Chemical Biology and Drug Design</i> , 1997 , 50, 408-14		4
18	Synthesis of nitrodiaziriny derivatives of neurotoxin II from <i>Naja naja oxiana</i> and their interaction with the <i>Torpedo californica</i> nicotinic acetylcholine receptor. <i>The Protein Journal</i> , 1995 , 14, 197-203		7

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