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List of Publications by Year
in descending order

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289 papers	12,584 citations	23500 58 h-index	38300 95 g-index

292 all docs	292 docs citations	292 times ranked	4626 citing authors

#	Article	IF	Citations
1	Scorpion toxins specific for Na+-channels. FEBS Journal, 1999, 264, 287-300.	0.2	597
2	A unified nomenclature for short-chain peptides isolated from scorpion venoms: Î±-KTx molecular subfamilies. Trends in Pharmacological Sciences, 1999, 20, 444-447.	4.0	361
3	Current views on scorpion toxins specific for K+-channels. Toxicon, 2004, 43, 865-875.	0.8	339
4	Overview of scorpion toxins specific for Na+ channels and related peptides: biodiversity, structureâ€“function relationships and evolution. Toxicon, 2005, 46, 831-844.	0.8	332
5	Peptides and genes coding for scorpion toxins that affect ion-channels. Biochimie, 2000, 82, 861-868.	1.3	273
6	Scorpion venom components as potential candidates for drug development. Toxicon, 2015, 93, 125-135.	0.8	259
7	Scorpine, an anti-malaria and anti-bacterial agent purified from scorpion venom. FEBS Letters, 2000, 471, 165-168.	1.3	231
8	Scorpion venom components that affect ion-channels function. Toxicon, 2013, 76, 328-342.	0.8	222
9	Selective blockage of voltage-dependent K+ channels by a novel scorpion toxin. Nature, 1982, 296, 90-91.	13.7	206
10	Hadrurin, a new antimicrobial peptide from the venom of the scorpion Hadrurus aztecus. FEBS Journal, 2000, 267, 5023-5031.	0.2	182
11	Novel interactions between K+ channels and scorpion toxins. Trends in Pharmacological Sciences, 2003, 24, 222-227.	4.0	165
12	The primary structure of noxiustoxin: A K+ channel blocking peptide, purified from the venom of the scorpion Centruroides noxius Hoffmann. Carlsberg Research Communications, 1982, 47, 285-289.	1.7	164
13	Scorpionism and serotherapy in Mexico. Toxicon, 1994, 32, 1015-1018.	0.8	160
14	Mining on scorpion venom biodiversity. Toxicon, 2010, 56, 1155-1161.	0.8	158
15	Transcriptome analysis of the venom gland of the Mexican scorpion Hadrurus gertschi (Arachnida:) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	128
16	Oxidative refolding chromatography: folding of the scorpion toxin Cn5. Nature Biotechnology, 1999, 17, 187-191.	9.4	124
17	Toxins and genes isolated from scorpions of the genus Tityus. Toxicon, 1997, 35, 821-835.	0.8	121
18	Oxyopinins, Large Amphipathic Peptides Isolated from the Venom of the Wolf Spider Oxyopes kitabensis with Cytolytic Properties and Positive Insecticidal Cooperativity with Spider Neurotoxins. Journal of Biological Chemistry, 2002, 277, 23627-23637.	1.6	115

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19	A toxin to nervous, cardiac, and endocrine ERG K⁺channels isolated fromCentruroides noxiusscorpion venom. FASEB Journal, 1999, 13, 953-962.	0.2	104
20	Proteomics of the venom from the Amazonian scorpion Tityus cambridgei and the role of prolines on mass spectrometry analysis of toxins. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 803, 55-66.	1.2	103
21	The Mechanism of Inhibition of Ryanodine Receptor Channels by Imperatoxin I, a Heterodimeric Protein from the Scorpion Pandinus imperator. Journal of Biological Chemistry, 1997, 272, 11886-11894.	1.6	99
22	Rate dependency of delayed rectifier currents during the guineaâ€pig ventricular action potential. Journal of Physiology, 2001, 534, 721-732.	1.3	97
23	Mapping the Binding Site of a Humanether-a-go-go-related Gene-specific Peptide Toxin (ErgTx) to the Channel's Outer Vestibule. Journal of Biological Chemistry, 2002, 277, 16403-16411.	1.6	96
24	The Brazilian scorpion Tityus costatus Karsch: genes, peptides and function. Toxicon, 2005, 45, 273-283.	0.8	96
25	Proteomic analysis of the venom from the scorpion Tityus stigmurus: Biochemical and physiological comparison with other Tityus species. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 146, 147-157.	1.3	96
26	Purification and properties of mammalian toxins from the venom of the Brazilian scorpion Tityus serrulatus Lutz and Mello. Archives of Biochemistry and Biophysics, 1977, 180, 394-403.	1.4	93
27	Isolation and characterization of Helothermine, a novel toxin from Heloderma horridum horridum (Mexican beaded lizard) venom. Toxicon, 1990, 28, 299-309.	0.8	89
28	Proteomic analysis ofTityus discrepans scorpion venom and amino acid sequence of novel toxins. Proteomics, 2006, 6, 3718-3727.	1.3	89
29	Determination of the Three-Dimensional Solution Structure of Noxiustoxin: Analysis of Structural Differences with Related Short-Chain Scorpion Toxins. Biochemistry, 1995, 34, 16563-16573.	1.2	88
30	Resurgent Current and Voltage Sensor Trapping Enhanced Activation by a Î²-Scorpion Toxin Solely in Nav1.6 Channel. Journal of Biological Chemistry, 2006, 281, 20326-20337.	1.6	87
31	Target Promiscuity and Heterogeneous Effects of Tarantula Venom Peptides Affecting Na+ and K+ Ion Channels. Journal of Biological Chemistry, 2010, 285, 4130-4142.	1.6	84
32	Vm24, a Natural Immunosuppressive Peptide, Potently and Selectively Blocks Kv1.3 Potassium Channels of Human T Cells. Molecular Pharmacology, 2012, 82, 372-382.	1.0	83
33	A novel structural class of K+-channel blocking toxin from the scorpion Pandinus imperator. Biochemical Journal, 1996, 315, 977-981.	1.7	81
34	Proteomic analysis of the venom and characterization of toxins specific for Na+- and K+-channels from the Colombian scorpion Tityus pachyurus. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 76-84.	1.1	79
35	Antidotes against venomous animals: State of the art and prospectives. Journal of Proteomics, 2009, 72, 183-199.	1.2	79
36	Cloning and characterization of cDNA sequences encoding for new venom peptides of the Brazilian scorpion Opisthacanthus cayaporum. Toxicon, 2009, 54, 252-261.	0.8	78

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37	Purification and chemical characterization of the major toxins from the venom of the Brazilian scorpion Tityus serrulatus Lutz and Mello. Carlsberg Research Communications, 1981, 46, 195-205.	1.7	77
38	Venom proteomic and venomous glands transcriptomic analysis of the Egyptian scorpion Scorpio maurus palmatus (Arachnida: Scorpionidae). Toxicon, 2013, 74, 193-207.	0.8	77
39	Scorpions from Mexico: From Species Diversity to Venom Complexity. Toxins, 2016, 8, 2.	1.5	77
40	Amino acid sequence and immunological characterization with monoclonal antibodies of two toxins from the venom of the scorpion Centruroides noxius Hoffmann. FEBS Journal, 1992, 204, 281-292.	0.2	76
41	Characterization of the venom from the Australian scorpion Urodacus yaschenkoi: Molecular mass analysis of components, cDNA sequences and peptides with antimicrobial activity. Toxicon, 2013, 63, 44-54.	0.8	76
42	Scorpion beta-toxins and voltage-gated sodium channels: interactions and effectsÂ. Frontiers in Bioscience - Landmark, 2013, 18, 572.	3.0	76
43	Toxic peptides and genes encoding toxin Î³ of the Brazilian scorpions Tityus bahiensis and Tityus stigmurus. Biochemical Journal, 1996, 313, 753-760.	1.7	74
44	Two novel toxins from the Amazonian scorpion Tityus cambridgei that block Kv1.3 and Shaker B K+-channels with distinctly different affinities. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2002, 1601, 123-131.	1.1	74
45	Wide phylogenetic distribution of Scorpine and long-chain Î²-KTx-like peptides in scorpion venoms: Identification of â€œorphanâ€•components. Peptides, 2007, 28, 31-37.	1.2	74
46	Bradykinin-induced potassium current in cultured bovine aortic endothelial cells. Journal of Membrane Biology, 1990, 116, 227-238.	1.0	72
47	Solution structure of toxin 2 from Centruroides noxius Hoffmann, a Î²-scorpion neurotoxin acting on sodium channels 1 1Edited by P. E. Wright. Journal of Molecular Biology, 1999, 287, 359-367.	2.0	72
48	Proteomic analysis of the venom from the fish eating coral snake Micrurus surinamensis: Novel toxins, their function and phylogeny. Proteomics, 2008, 8, 1919-1932.	1.3	70
49	Identification and Phylogenetic Analysis of Tityus pachyurus and Tityus obscurus Novel Putative Na+-Channel Scorpion Toxins. PLoS ONE, 2012, 7, e30478.	1.1	70
50	Global Transcriptome Analysis of the Scorpion Centruroides noxius: New Toxin Families and Evolutionary Insights from an Ancestral Scorpion Species. PLoS ONE, 2012, 7, e43331.	1.1	69
51	Eastern coral snake Micrurus fulvius venom toxicity in mice is mainly determined by neurotoxic phospholipases A2. Journal of Proteomics, 2014, 105, 295-306.	1.2	67
52	Primary structure and synthesis of Imperatoxin A (IpTxa), a peptide activator of Ca2+release channels/ryanodine receptors. FEBS Letters, 1997, 405, 385-389.	1.3	66
53	Characterization of venom components from the scorpion Androctonus crassicauda of Turkey: Peptides and genes. Toxicon, 2006, 48, 12-22.	0.8	61
54	Isolation and physiological characterization of taicatoxin, a complex toxin with specific effects on calcium channels. Toxicon, 1992, 30, 1343-1364.	0.8	60

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55	Scorpion and spider venom peptides: Gene cloning and peptide expression. Toxicon, 2011, 58, 644-663.	0.8	60
56	Charybdotoxin and noxiustoxin, two homologous peptide inhibitors of the K+(Ca2+) channel. FEBS Letters, 1988, 226, 280-284.	1.3	59
57	Phaiodactylipin, a glycosylated heterodimeric phospholipase A2 from the venom of the scorpion Anuroctonus phaiodactylus. FEBS Journal, 2004, 271, 1453-1464.	0.2	59
58	A strategy for the generation of specific human antibodies by directed evolution and phage display. FEBS Journal, 2005, 272, 2591-2601.	2.2	59
59	Anuroctoxin, a New Scorpion Toxin of the Î±-KTx 6 Subfamily, Is Highly Selective for Kv1.3 over IKCa1 Ion Channels of Human T Lymphocytes. Molecular Pharmacology, 2005, 67, 1034-1044.	1.0	58
60	Mass spectrometry analysis, amino acid sequence and biological activity of venom components from the Brazilian scorpion Opisthacanthus cayaporum. Toxicon, 2008, 51, 1499-1508.	0.8	58
61	Molecular cloning and nucleotide sequence analysis of genes from a cDNA library of the scorpion Tityus discrepans. Biochimie, 2009, 91, 1010-1019.	1.3	58
62	Vejovine, a new antibiotic from the scorpion venom of Vaejovis mexicanus. Toxicon, 2011, 57, 84-92.	0.8	58
63	Antimicrobial peptides from arachnid venoms and their microbicidal activity in the presence of commercial antibiotics. Journal of Antibiotics, 2013, 66, 3-10.	1.0	58
64	Two new scorpion toxins that target voltage-gated Ca2+ and Na+ channels. Biochemical and Biophysical Research Communications, 2002, 299, 562-568.	1.0	57
65	Characterization of hadrucalcin, a peptide from Hadrurus gertschi scorpion venom with pharmacological activity on ryanodine receptors. British Journal of Pharmacology, 2009, 157, 392-403.	2.7	56
66	Gene cloning and functional characterization of four novel antimicrobial-like peptides from scorpions of the family Vaejovidae. Peptides, 2012, 34, 290-295.	1.2	56
67	Mass Fingerprinting of the Venom and Transcriptome of Venom Gland of Scorpion Centruroides tecomanus. PLoS ONE, 2013, 8, e66486.	1.1	56
68	Transcriptome Analysis of Scorpion Species Belonging to the Vaejovis Genus. PLoS ONE, 2015, 10, e0117188.	1.1	56
69	Whole Transcriptome of the Venom Gland from Urodacus yaschenkoi Scorpion. PLoS ONE, 2015, 10, e0127883.	1.1	56
70	A large number of novel Ergtoxin-like genes and ERG K+ -channels blocking peptides from scorpions of the genus Centruroides. FEBS Letters, 2002, 532, 121-126.	1.3	54
71	Four disulfide-bridged scorpion beta neurotoxin CssII: Heterologous expression and proper folding in vitro. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 1161-1168.	1.1	53
72	Expanding the scorpion toxin Î±-KTX 15 family with AmmTX3 from Androctonus mauretanicus. FEBS Journal, 2002, 269, 6037-6041.	0.2	52

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73	Novel paradigms on scorpion toxins that affects the activating mechanism of sodium channels. Toxicon, 2007, 49, 171-180.	0.8	52
74	Structure and function of scorpion toxins affecting K+-channels. Journal of Computer - Aided Molecular Design, 1999, 15/16, 15-40.	1.0	51
75	Structure, Function, and Chemical Synthesis of Vaejovis mexicanus Peptide 24: A Novel Potent Blocker of Kv1.3 Potassium Channels of Human T Lymphocytes. Biochemistry, 2012, 51, 4049-4061.	1.2	51
76	Pharmacokinetics of the toxic fraction of Centruroides limpidus limpidus venom in experimentally envenomed rabbits and effects of immunotherapy with specific F(abâ€²)2. Toxicon, 1999, 37, 771-782.	0.8	49
77	Phospholipin, a novel heterodimeric phospholipase A2 fromPandinus imperatorscorpion venom. FEBS Letters, 1999, 460, 447-450.	1.3	49
78	MeuTXKÎ²1, a scorpion venom-derived two-domain potassium channel toxin-like peptide with cytolytic activity. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 872-883.	1.1	49
79	New Tricks of an Old Pattern. Journal of Biological Chemistry, 2012, 287, 12321-12330.	1.6	48
80	Tc1, from Tityus cambridgei , is the first member of a new subfamily of scorpion toxin that blocks K+ -channels. FEBS Letters, 2000, 486, 117-120.	1.3	47
81	Species Diversity and Peptide Toxins Blocking Selectivity of Ether-Ã-go-go-Related Gene Subfamily K+ Channels in the Central Nervous System. Molecular Pharmacology, 2006, 69, 1673-1683.	1.0	47
82	Toxin gamma from Tityus serrulatus scorpion venom plays an essential role in immunomodulation of macrophages. Toxicon, 2007, 50, 666-675.	0.8	47
83	A selective blocker of Kv1.2 and Kv1.3 potassium channels from the venom of the scorpion Centruroides suffusus suffusus. Biochemical Pharmacology, 2008, 76, 1142-1154.	2.0	46
84	Immunology of scorpion toxins and perspectives for generation of anti-venom vaccines. Vaccine, 2005, 23, 3357-3368.	1.7	44
85	Imperatoxin A, a Cell-Penetrating Peptide from Scorpion Venom, as a Probe of Ca2+-Release Channels/Ryanodine Receptors. Pharmaceuticals, 2010, 3, 1093-1107.	1.7	44
86	Exploiting Cross-reactivity to Neutralize Two Different Scorpion Venoms with One Single Chain Antibody Fragment. Journal of Biological Chemistry, 2011, 286, 6143-6151.	1.6	43
87	Biochemical and molecular characterization of the venom from the Cuban scorpion Rhopalurus junceus. Toxicon, 2011, 58, 18-27.	0.8	41
88	The Cuban scorpion Rhopalurus junceus (Scorpiones, Buthidae): component variations in venom samples collected in different geographical areas. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2013, 19, 13.	0.8	41
89	Overview of the Knottin scorpion toxin-like peptides in scorpion venoms: Insights on their classification and evolution. Toxicon, 2015, 107, 317-326.	0.8	41
90	Venom Gland Transcriptomic and Proteomic Analyses of the Enigmatic Scorpion Superstitionia donensis (Scorpiones: Superstitioniidae), with Insights on the Evolution of Its Venom Components. Toxins, 2016, 8, 367.	1.5	41

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91	Two Novel Toxins from the Venom of the Scorpion Pandinus imperator Show that the N-terminal Amino Acid Sequence is Important for their Affinities towards Shaker B K + Channels. Journal of Membrane Biology, 1996, 152, 49-56.	1.0	40
92	Novel Î±â€conotoxins from Conus spurius and the Î±â€conotoxin EI share highâ€affinity potentiation and lowâ€affinity inhibition of nicotinic acetylcholine receptors. FEBS Journal, 2007, 274, 3972-3985.	2.2	40
93	Scorpion venomics: a 2019 overview. Expert Review of Proteomics, 2020, 17, 67-83.	1.3	39
94	Isolation of a Long-Lastingeag-Related Gene-Type K⁺Current in MMQ Lactotrophs and Its Accommodating Role during Slow Firing and Prolactin Release. Journal of Neuroscience, 2002, 22, 3414-3425.	1.7	38
95	A Novel Conotoxin fromConus delessertiiwith Posttranslationally Modified Lysine Residuesâ€. Biochemistry, 2005, 44, 11130-11136.	1.2	38
96	Structureâ€“function relationships of peptides forming the calcin family of ryanodine receptor ligands. Journal of General Physiology, 2016, 147, 375-394.	0.9	38
97	Two similar peptides from the venom of the scorpion Pandinus imperator, one highly effective blocker and the other inactive on K+ channels. Toxicon, 1998, 36, 759-770.	0.8	37
98	Genes and peptides from the scorpion Centruroides sculpturatus Ewing, that recognize Na+-channels. Toxicon, 2001, 39, 1893-1898.	0.8	37
99	Antarease-like Zn-metalloproteases are ubiquitous in the venom of different scorpion genera. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1738-1746.	1.1	37
100	Cobatoxins 1 and 2 from Centruroides noxius Hoffmann constitute a subfamily of potassium-channel-blocking scorpion toxins. FEBS Journal, 1998, 254, 468-479.	0.2	36
101	Purification and partial characterization of a â€˜short' insectotoxin-like peptide from the venom of the scorpion Parabuthus schlechteri. FEBS Letters, 1998, 441, 387-391.	1.3	36
102	Scorpion toxins from Tityus cambridgei that affect Na+-channels. Toxicon, 2002, 40, 557-562.	0.8	36
103	Peptides from the scorpion Vaejovis punctatus with broad antimicrobial activity. Peptides, 2015, 73, 51-59.	1.2	36
104	Effects of Toxins Pi2 and Pi3 on Human T Lymphocyte Kv1.3 Channels: The Role of Glu7 and Lys24. Journal of Membrane Biology, 2001, 179, 13-25.	1.0	35
105	Biochemical, genetic and physiological characterization of venom components from two species of scorpions: Centruroides exilicauda Wood and Centruroides sculpturatus Ewing. Biochimie, 2004, 86, 387-396.	1.3	35
106	The amino terminal sequence of several toxins from the venom of the Mexican scorpion Centruroides noxius Hoffmann. Carlsberg Research Communications, 1981, 46, 207-214.	1.7	34
107	1,4-Benzoquinone antimicrobial agents against Staphylococcus aureus and Mycobacterium tuberculosis derived from scorpion venom. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12642-12647.	3.3	34
108	Structural and functional comparison of toxins from the venom of the scorpions Centruroides infamatus infamatus, centruroides limpidus limpidus and Centruroides noxius. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1996, 113, 331-339.	0.7	33

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109	An Insect-Specific Toxin from Centruroides noxius Hoffmann. cDNA, Primary Structure, Three-Dimensional Model and Electrostatic Surface Potentials in Comparison with Other Toxin Variants. FEBS Journal, 1996, 242, 235-242.	0.2	33
110	Venom gland transcriptomic and venom proteomic analyses of the scorpion Megacormus gertschi DÃaz-Najera, 1966 (Scorpiones: Euscorpiidae: Megacorminae). Toxicon, 2017, 133, 95-109.	0.8	33
111	The diversity of venom components of the scorpion species Paravaejovis schwenkmeyeri (Scorpiones:) Tj ETQq1 1 0.784314 rgBT /Over	0.8	33
112	Fab fragments of the monoclonal antibody BCF2 are capable of neutralizing the whole soluble venom from the scorpion Centruroides noxius Hoffmann. Toxicon, 1996, 34, 843-847.	0.8	32
113	Scorpion toxins that block T-type Ca2+ channels in spermatogenic cells inhibit the sperm acrosome reaction. Biochemical and Biophysical Research Communications, 2003, 300, 408-414.	1.0	32
114	Insecticidal peptides from the theraposid spider Brachypelma albiceps: An NMR-based model of Ba2. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1190-1196.	1.1	32
115	Venom from the centipede Scolopendra viridis Say: Purification, gene cloning and phylogenetic analysis of a phospholipase A2. Toxicon, 2009, 54, 8-15.	0.8	32
116	The new kappa-KTx 2.5 from the scorpion Opisthacanthus cayaporum. Peptides, 2011, 32, 1509-1517.	1.2	32
117	Cloning and characterization of the cDNAs encoding Na+ channel-specific toxins 1 and 2 of the scorpion Centruroides noxius Hoffmann. Toxicon, 1995, 33, 1161-1170.	0.8	31
118	Fast K+ currents from cerebellum granular cells are completely blocked by a peptide purified from Androctonus australis Garzoni scorpion venom. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1468, 203-212.	1.4	31
119	Mapping the receptor site for ergtoxin, a specific blocker of ERG channels. FEBS Letters, 2002, 510, 45-49.	1.3	31
120	Disulfide bridges and blockage of Shaker B K+-channels by another butantoxin peptide purified from the Argentinean scorpion Tityus trivittatus. Toxicon, 2003, 41, 173-179.	0.8	31
121	Discrepin, a new peptide of the sub-family Î±-ktx15, isolated from the scorpion Tityus discrepans irreversibly blocks K+-channels (IA currents) of cerebellum granular cells. Archives of Biochemistry and Biophysics, 2004, 430, 256-263.	1.4	31
122	Novel Î±-KTx peptides from the venom of the scorpion Centruroides elegans selectively blockade Kv1.3 over IKCa1 K+ channels of T cells. Toxicon, 2005, 46, 418-429.	0.8	31
123	A Deeper Examination of Thorellius atrox Scorpion Venom Components with Omic Technologies. Toxins, 2017, 9, 399.	1.5	31
124	The Dual Î±-Amidation System in Scorpion Venom Glands. Toxins, 2019, 11, 425.	1.5	31
125	Amino acid sequence and physiological characterization of toxins from the venom of the scorpion Centruroides limpidus tecomanus Hoffmann. Toxicon, 1988, 26, 785-794.	0.8	30
126	Isolation and characterization of a novel toxin from the venom of the scorpion Centruroides limpidus limpidus Karsch. Toxicon, 1994, 32, 479-490.	0.8	30

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127	Mapping of an epitope recognized by a neutralizing monoclonal antibody specific to toxin Cn2 from the scorpion Centruroides noxius, using discontinuous synthetic peptides. FEBS Journal, 1999, 264, 746-755.	0.2	30
128	Tst26, a novel peptide blocker of Kv1.2 and Kv1.3 channels from the venom of Tityus stigmurus. Toxicon, 2009, 54, 379-389.	0.8	30
129	Negative-shift activation, current reduction and resurgent currents induced by Î²-toxins from Centruroides scorpions in sodium channels. Toxicon, 2012, 59, 283-293.	0.8	30
130	Transcriptomic and Proteomic Analyses Reveal the Diversity of Venom Components from the Vaejovid Scorpion Serradigitus gertschi. Toxins, 2018, 10, 359.	1.5	30
131	Characterization of two Bunodosoma granulifera toxins active on cardiac sodium channels. British Journal of Pharmacology, 2001, 134, 1195-1206.	2.7	29
132	The use of synthetic peptides can be a misleading approach to generate vaccines against scorpion toxins. Vaccine, 1995, 13, 1198-1206.	1.7	28
133	A novel toxin from the venom of the scorpionTityus trivittatus, is the first member of a new Î±-KTX subfamily. FEBS Letters, 2006, 580, 592-596.	1.3	28
134	Membrane interactions and biological activity of antimicrobial peptides from Australian scorpion. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2140-2148.	1.4	28
135	Purification and characterization of two mammalian toxins from the venom of the Mexican scorpion Centruroides noxius Hoffmann. Toxicon, 1980, 18, 343-350.	0.8	27
136	Cloning of Genes Encoding Scorpion Toxins: An Interpretative Review. Toxin Reviews, 1995, 14, 339-357.	1.5	27
137	The use of culture redox potential and oxygen uptake rate for assessing glucose and glutamine depletion in hybridoma cultures. , 1997, 56, 555-563.		27
138	Phaiodotoxin, a novel structural class of insect-toxin isolated from the venom of the Mexican scorpion Anuroctonus phaiodactylus. FEBS Journal, 2004, 271, 4753-4761.	0.2	27
139	Exploring structural features of the interaction between the scorpion toxinCnErg1 and ERG K+ channels. Proteins: Structure, Function and Bioinformatics, 2004, 56, 367-375.	1.5	27
140	Purification and characterization of a mammalian toxin from venom of the Mexican scorpion, Centruroides limpidus tecomanus Hoffmann. Toxicon, 1980, 18, 175-183.	0.8	26
141	A novel K+ channel blocking toxin from Tityus discrepans scorpion venom. FEBS Letters, 1999, 456, 146-148.	1.3	26
142	Turkish scorpion Buthacus macrocentrus: General characterization of the venom and description of Bu1, a potent mammalian Na+-channel Î±-toxin. Toxicon, 2012, 59, 408-415.	0.8	26
143	Enhanced antimicrobial activity of novel synthetic peptides derived from vejovine and hadrurin. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 3427-3436.	1.1	26
144	Broadening the neutralizing capacity of a family of antibody fragments against different toxins from Mexican scorpions. Toxicon, 2016, 119, 52-63.	0.8	26

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145	Cn11, the first example of a scorpion toxin that is a true blocker of Na+ currents in crayfish neurons. Journal of Experimental Biology, 2002, 205, 869-876.	0.8	26
146	Blockage of Human T Lymphocyte Kv1.3 Channels by Pi1, a Novel Class of Scorpion Toxin. Biochemical and Biophysical Research Communications, 2000, 278, 34-37.	1.0	25
147	Isolation and characterization of a human antibody fragment specific for Ts1 toxin from Tityus serrulatus scorpion. Immunology Letters, 2011, 139, 73-79.	1.1	25
148	North American scorpion species of public health importance with a reappraisal of historical epidemiology. Acta Tropica, 2018, 187, 264-274.	0.9	25
149	Structural information on a cecropin-like synthetic peptide, Shiva-3 toxic to the sporogonic development of Plasmodium berghei. FEBS Journal, 1998, 257, 263-273.	0.2	24
150	From Noxiustoxin to Shiva-3, a peptide toxic to the sporogonic development of Plasmodium berghei. Toxicon, 1998, 36, 1683-1692.	0.8	24
151	A Subfamily of Acidic Î±-K+ Toxins. Journal of Biological Chemistry, 2004, 279, 2781-2789.	1.6	24
152	A common â€œhot spotâ€•confers hERG blockade activity to Î±-scorpion toxins affecting K+ channels. Biochemical Pharmacology, 2008, 76, 805-815.	2.0	24
153	General biochemical and immunological characterization of the venom from the scorpion Tityus trivittatus of Argentina. Toxicon, 2010, 55, 307-319.	0.8	24
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