R Manjunatha Kini

List of Publications by Year
in descending order

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210 papers	10,012 citations	30070 54 h-index	43889 91 g-index

218 all docs	218 docs citations	218 times ranked	6636 citing authors

#	Article	IF	Citations
1	Excitement ahead: structure, function and mechanism of snake venom phospholipase A2 enzymes. Toxicon, 2003, 42, 827-840.	1.6	564
2	The king cobra genome reveals dynamic gene evolution and adaptation in the snake venom system. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20651-20656.	7.1	412
3	Structure, function and evolution of three-finger toxins: Mini proteins with multiple targets. Toxicon, 2010, 56, 855-867.	1.6	303
4	Enzymatic toxins from snake venom: structural characterization and mechanism of catalysis. FEBS Journal, 2011, 278, 4544-4576.	4.7	233
5	Characterization of three edema-inducing phospholipase A2 enzymes from habu (Trimeresurus) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	224
6	Anticoagulant proteins from snake venoms: structure, function and mechanism. Biochemical Journal, 2006, 397, 377-387.	3.7	209
7	Structureâ€“function relationships and mechanism of anticoagulant phospholipase A2 enzymes from snake venoms. Toxicon, 2005, 45, 1147-1161.	1.6	198
8	Protein complexes in snake venom. Cellular and Molecular Life Sciences, 2009, 66, 2851-2871.	5.4	189
9	Denmotoxin, a Three-finger Toxin from the Colubrid Snake Boiga dendrophila (Mangrove Catsnake) with Bird-specific Activity. Journal of Biological Chemistry, 2006, 281, 29030-29041.	3.4	183
10	From snake venom toxins to therapeutics â€“ Cardiovascular examples. Toxicon, 2012, 59, 497-506.	1.6	183
11	Irditoxin, a novel covalently linked heterodimeric threeâ€finger toxin with high taxonâ€specific neurotoxicity. FASEB Journal, 2009, 23, 534-545.	0.5	165
12	Accelerated Evolution and Molecular Surface of Venom Phospholipase A2 Enzymes. Journal of Molecular Evolution, 1999, 48, 125-132.	1.8	143
13	Analysis of Colubroidea snake venoms by liquid chromatography with mass spectrometry: evolutionary and toxinological implications. Rapid Communications in Mass Spectrometry, 2003, 17, 2047-2062.	1.5	141
14	Serine Proteases Affecting Blood Coagulation and Fibrinolysis from Snake Venoms. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 2005, 34, 200-204.	0.3	139
15	The Indian cobra reference genome and transcriptome enables comprehensive identification of venom toxins. Nature Genetics, 2020, 52, 106-117.	21.4	139
16	Isolation of a Neurotoxin (?-colubritoxin) from a Nonvenomous Colubrid: Evidence for Early Origin of Venom in Snakes. Journal of Molecular Evolution, 2003, 57, 446-452.	1.8	138
17	Eggs-Only Diet: Its Implications for the Toxin Profile Changes and Ecology of the Marbled Sea Snake (Aipysurus eydouxii). Journal of Molecular Evolution, 2005, 60, 81-89.	1.8	138
18	Antimicrobial activity of omwaprin, a new member of the waprin family of snake venom proteins. Biochemical Journal, 2007, 402, 93-104.	3.7	134

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19	Molecular moulds with multiple missions: Functional sites in three-finger toxins. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 815-822.	1.9	132
20	Î°-Hefutoxin1, a Novel Toxin from the ScorpionHeterometrus fulvipes with Unique Structure and Function. Journal of Biological Chemistry, 2002, 277, 30040-30047.	3.4	130
21	A common cytolytic region in myotoxins, hemolysins, cardiotoxins and antibacterial peptides*. International Journal of Peptide and Protein Research, 1989, 34, 277-286.	0.1	126
22	The intriguing world of prothrombin activators from snake venom. Toxicon, 2005, 45, 1133-1145.	1.6	119
23	Metalloproteases Affecting Blood Coagulation, Fibrinolysis and Platelet Aggregation from Snake Venoms: Definition and Nomenclature of Interaction Sites. Toxins, 2016, 8, 284.	3.4	119
24	Non-enzymatic proteins from snake venoms: A gold mine of pharmacological tools and drug leads. Toxicon, 2013, 62, 56-74.	1.6	115
25	Purification and Characterization of a Vaterite-Inducing Peptide, Pelovaterin, from the Eggshells ofPelodiscussinensis(Chinese Soft-Shelled Turtle). Biomacromolecules, 2005, 6, 1429-1437.	5.4	109
26	Structure - function relationships of phospholipases II: Charge density distribution and the myotoxicity of presynaptically neurotoxic phospholipases. Toxicon, 1986, 24, 895-905.	1.6	107
27	The venom gland transcriptome of the Desert Massasauga Rattlesnake (Sistrurus catenatus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	3.0	107
28	Formation of Transient Amorphous Calcium Carbonate Precursor in Quail Eggshell Mineralization:Â An In Vitro Study. Biomacromolecules, 2006, 7, 3202-3209.	5.4	105
29	Investigation of the role of ansocalcin in the biomineralization in goose eggshell matrix. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5155-5159.	7.1	103
30	Autonomic effects of some scorpion venoms and toxins. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 795-801.	1.9	100
31	Candoxin, a Novel Toxin from Bungarus candidus, Is a Reversible Antagonist of Muscle (Î±Î²Î³Î´) but a Poorly Reversible Antagonist of Neuronal Î±7 Nicotinic Acetylcholine Receptors. Journal of Biological Chemistry, 2002, 277, 17811-17820.	3.4	97
32	Variegin, a Novel Fast and Tight Binding Thrombin Inhibitor from the Tropical Bont Tick. Journal of Biological Chemistry, 2007, 282, 29101-29113.	3.4	96
33	Tamapin, a Venom Peptide from the Indian Red Scorpion (Mesobuthus tamulus) That Targets Small Conductance Ca2+-activated K+ Channels and Afterhyperpolarization Currents in Central Neurons. Journal of Biological Chemistry, 2002, 277, 46101-46109.	3.4	92
34	Ohanin, a Novel Protein from King Cobra Venom, Induces Hypolocomotion and Hyperalgesia in Mice. Journal of Biological Chemistry, 2005, 280, 13137-13147.	3.4	85
35	Molecular diversity of anticoagulants from haematophagous animals. Thrombosis and Haemostasis, 2009, 102, 437-453.	3.4	83
36	Î²â€Cardiotoxin: a new threeâ€finger toxin from Ophiophagus hannah (king cobra) venom with betaâ€blocker activity. FASEB Journal, 2007, 21, 3685-3695.	0.5	82

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37	Amino Acid Sequence of Trocarin, a Prothrombin Activator FromTropidechis carinatus Venom: Its Structural Similarity to Coagulation Factor Xa. Blood, 1999, 94, 621-631.	1.4	80
38	Rhodocetin, a Novel Platelet Aggregation Inhibitor from the Venom of Calloselasma rhodostoma (Malayan Pit Viper):â€‰ Synergistic and Noncovalent Interaction between Its Subunits[,]. Biochemistry, 1999, 38, 7584-7593.	2.5	80
39	Identification of a Novel Family of Snake Venom Proteins Veficolins from Cerberus rynchops Using a Venom Gland Transcriptomics and Proteomics Approach. Journal of Proteome Research, 2010, 9, 1882-1893.	3.7	79
40	Putting the Brakes on Snake Venom Evolution: The Unique Molecular Evolutionary Patterns of Aipysurus eydouxii (Marbled Sea Snake) Phospholipase A2 Toxins. Molecular Biology and Evolution, 2005, 22, 934-941.	8.9	78
41	Stonustoxin Is a Novel Lethal Factor from Stonefish (Synanceja horrida) Venom. Journal of Biological Chemistry, 1996, 271, 25575-25581.	3.4	77
42	Structural and Functional Characterization of a Novel Homodimeric Three-finger Neurotoxin from the Venom of Ophiophagus hannah (King Cobra). Journal of Biological Chemistry, 2010, 285, 8302-8315.	3.4	77
43	Î»-Conotoxins, a New Family of Conotoxins with Unique Disulfide Pattern and Protein Folding. Journal of Biological Chemistry, 2000, 275, 39516-39522.	3.4	75
44	The basic phospholipase A2 from Naja nigricollis venom inhibits the prothrombinase complex by a novel nonenzymic mechanism. Biochemistry, 1990, 29, 7742-7746.	2.5	74
45	Role of cationic residues in cytolytic activity: modification of lysine residues in the cardiotoxin from Naja nigricollis venom and correlation between cytolytic and antiplatelet activity. Biochemistry, 1989, 28, 9209-9215.	2.5	72
46	Venom gland transcriptomics for identifying, cataloging, and characterizing venom proteins in snakes. Toxicon, 2015, 93, 1-10.	1.6	70
47	Peptides Derived from Human Decorin Leucine-rich Repeat 5 Inhibit Angiogenesis. Journal of Biological Chemistry, 2005, 280, 27935-27948.	3.4	69
48	Bioactivities of Safrole and Isosafrole on Sitophilus zeamais(Coleoptera: Curculionidae) and Tribolium castaneum(Coleoptera: Tenebrionidae). Journal of Economic Entomology, 1999, 92, 676-683.	1.8	67
49	Sexual differences in the sialomes of the zebra tick, Rhipicephalus pulchellus. Journal of Proteomics, 2015, 117, 120-144.	2.4	67
50	Biosynthetic Oligoclonal Antivenom (BOA) for Snakebite and Next-Generation Treatments for Snakebite Victims. Toxins, 2018, 10, 534.	3.4	64
51	In Vitro Study of Magnesium-Calcite Biomineralization in the Skeletal Materials of the SeastarPisaster giganteus. Chemistry - A European Journal, 2007, 13, 3262-3268.	3.3	63
52	Haemolytic activity of stonustoxin from stonefish (Synanceja horrida) venom: pore formation and the role of cationic amino acid residues. Biochemical Journal, 1997, 325, 685-691.	3.7	62
53	Identification of a Novel Family of Proteins in Snake Venoms. Journal of Biological Chemistry, 2003, 278, 40097-40104.	3.4	60
54	Comparison of proteomic profiles of the venoms of two of the â€˜Big Fourâ€™ snakes of India, the Indian cobra (Naja naja) and the common krait (Bungarus caeruleus), and analyses of their toxins. Toxicon, 2017, 135, 33-42.	1.6	60

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55	Isthmin is a novel secreted angiogenesis inhibitor that inhibits tumour growth in mice. Journal of Cellular and Molecular Medicine, 2011, 15, 359-374.	3.6	59
56	Hemextin AB Complex, a Unique Anticoagulant Protein Complex from Hemachatus haemachatus (African Ringhals Cobra) Venom That Inhibits Clot Initiation and Factor VIIa Activity. Journal of Biological Chemistry, 2005, 280, 42601-42611.	3.4	58
57	Unveiling the complexities of Daboia russelii venom, a medically important snake of India, by tandem mass spectrometry. Toxicon, 2015, 107, 266-281.	1.6	58
58	Purification, Characterization, and in VitroMineralization Studies of a Novel Goose Eggshell Matrix Protein, Ansocalcin. Journal of Biological Chemistry, 2003, 278, 2928-2936.	3.4	56
59	Role of accelerated segment switch in exons to alter targeting (ASSET) in the molecular evolution of snake venom proteins. BMC Evolutionary Biology, 2009, 9, 146.	3.2	55
60	Snake bites and hemostasis/thrombosis. Thrombosis Research, 2013, 132, 642-646.	1.7	54
61	The nonenzymatic subunit of pseutarin C, a prothrombin activator from eastern brown snake (Pseudonaja textilis) venom, shows structural similarity to mammalian coagulation factor V. Blood, 2003, 102, 1347-1354.	1.4	52
62	Pharmacological characterisation of a neurotoxin from the venom of Boiga dendrophila (Mangrove) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	52
63	Group D prothrombin activators from snake venom are structural homologues of mammalian blood coagulation factor Xa. Biochemical Journal, 2003, 369, 635-642.	3.7	50
64	Identification of Novel Proteins from the Venom of a Cryptic SnakeDrysdalia coronoidesby a Combined Transcriptomics and Proteomics Approach. Journal of Proteome Research, 2011, 10, 739-750.	3.7	50
65	Effects of Tannins fromGeumjaponicumon the Catalytic Activity of Thrombin and Factor Xa of Blood Coagulation Cascade. Journal of Natural Products, 1998, 61, 1356-1360.	3.0	48
66	Expression pattern of three-finger toxin and phospholipase A2 genes in the venom glands of two sea snakes, Lapemis curtus and Acalyptophis peronii: comparison of evolution of these toxins in land snakes, sea kraits and sea snakes. BMC Evolutionary Biology, 2007, 7, 175.	3.2	47
67	Structural Characterization of Myotoxic Ecarpholin S From Echis carinatus Venom. Biophysical Journal, 2008, 95, 3366-3380.	0.5	45
68	Eggshell Matrix Protein Mimics:â€‰ Designer Peptides to Induce the Nucleation of Calcite Crystal Aggregates in Solution. Biomacromolecules, 2003, 4, 1321-1326.	5.4	44
69	JNK pathway restricts DENV2, ZIKV and CHIKV infection by activating complement and apoptosis in mosquito salivary glands. PLoS Pathogens, 2020, 16, e1008754.	4.7	44
70	Accelerated exchange of exon segments in Viperid three-finger toxin genes (Sistrurus catenatus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	3.2	43
71	Transcriptomic analysis of the venom gland of the red-headed krait (Bungarus flaviceps) using expressed sequence tags. BMC Molecular Biology, 2010, 11, 24.	3.0	43
72	Hypotensive Agents from Snake Venoms. Current Drug Targets Cardiovascular & Haematological Disorders, 2004, 4, 437-459.	2.0	43

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73	Molecular Modeling of Proteins: A Strategy for Energy Minimization by Molecular Mechanics in the AMBER Force Field. Journal of Biomolecular Structure and Dynamics, 1991, 9, 475-488.	3.5	41
74	Structure, Self-Assembly, and Dual Role of a Î²-Defensin-like Peptide from the Chinese Soft-Shelled Turtle Eggshell Matrix. Journal of the American Chemical Society, 2008, 130, 4660-4668.	13.7	41
75	Procoagulant Proteins from Snake Venoms. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 2001, 31, 218-224.	0.3	40
76	Crystal Structure of Thrombin in Complex with S-Variegin: Insights of a Novel Mechanism of Inhibition and Design of Tunable Thrombin Inhibitors. PLoS ONE, 2011, 6, e26367.	2.5	40
77	The catalytic subunit of pseutarin C, a group C prothrombin activator from the venom of Pseudonaja textilis, is structurally similar to mammalian blood coagulation factor Xa. Thrombosis and Haemostasis, 2004, 92, 509-521.	3.4	39
78	Effect of C-Terminal Amidation on Folding and Disulfide-Pairing of Î±-Conotoxin ImI. Angewandte Chemie - International Edition, 2005, 44, 6333-6337.	13.8	39
79	Protein Folding Determinants:Â Structural Features Determining Alternative Disulfide Pairing in Î±- and Ï‡/Î»-Conotoxinsâ€‚â€¡. Biochemistry, 2007, 46, 3338-3355.	2.5	37
80	Scientific and standardization committee communications: classification and nomenclature of snake venom Câ€type lectins and related proteins. Journal of Thrombosis and Haemostasis, 2009, 7, 360.	3.8	37
81	A novel approach to the design of potent bioactive peptides by incorporation of proline brackets: antiplatelet effects of Arg-Gly-Asp peptides. FEBS Letters, 1995, 375, 15-17.	2.8	36
82	Molecular evolution caught in action: gene duplication and evolution of molecular isoforms of prothrombin activators in Pseudonaja textilis (brown snake). Journal of Thrombosis and Haemostasis, 2006, 4, 1346-1353.	3.8	36
83	Classification and Nomenclature of Prothrombin Activators Isolated from Snake Venoms. Thrombosis and Haemostasis, 2001, 86, 710-711.	3.4	35
84	Proteomic comparisons of venoms of long-term captive and recently wild-caught Eastern brown snakes (Pseudonaja textilis) indicate venom does not change due to captivity. Journal of Proteomics, 2016, 144, 51-62.	2.4	34
85	Flanking Proline Residues Identify the L-Type Ca2+Channel Binding Site of Calciseptine and FS2â€. Biochemistry, 1998, 37, 9058-9063.	2.5	33
86	Mimicking the Function of Eggshell Matrix Proteins: The Role of Multiplets of Charged Amino Acid Residues and Self-Assembly of Peptides in Biomineralization. Angewandte Chemie - International Edition, 2005, 44, 5476-5479.	13.8	33
87	Correlation Between the Enzymatic Activity, Anticoagulant and Antiplatelet Effects of Phospholipase A2 Isoenzymes from Naja nigricollis Venom. Thrombosis and Haemostasis, 1988, 60, 170-173.	3.4	33
88	Ohanin, a novel protein from king cobra venom: Its cDNA and genomic organization. Gene, 2006, 371, 246-256.	2.2	32
89	Snake venom glutaminyl cyclase. Toxicon, 2006, 48, 278-286.	1.6	32
90	The atomic resolution structure of bucandin, a novel toxin isolated from the Malayan krait, determined by direct methods. Acta Crystallographica Section D: Biological Crystallography, 2000, 56, 1401-1407.	2.5	31

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91	NMR structure of bucandin, a neurotoxin from the venom of the Malayan krait (Bungarus candidus). Biochemical Journal, 2001, 360, 539-548.	3.7	31
92	Anticoagulants from hematophagous animals. Expert Review of Hematology, 2008, 1, 135-139.	2.2	31
93	Snake Genome Sequencing: Results and Future Prospects. Toxins, 2016, 8, 360.	3.4	31
94	Interaction of wheat high-mobility-group proteins with four-way-junction DNA and characterization of the structure and expression of HMGA gene. Archives of Biochemistry and Biophysics, 2003, 409, 357-366.	3.0	30
95	In vitro neuromuscular activity of â€˜colubridâ€™ venoms: clinical and evolutionary implications. Toxicon, 2004, 43, 819-827.	1.6	30
96	In Vitro Mode of Action and Anti-thrombotic Activity of Boophilin, a Multifunctional Kunitz Protease Inhibitor from the Midgut of a Tick Vector of Babesiosis, Rhipicephalus microplus. PLoS Neglected Tropical Diseases, 2016, 10, e0004298.	3.0	30
97	Isolation and characterization of rufoxin, a novel protein exhibiting neurotoxicity from venom of the psammophiine, Rhamphiophis oxyrhynchus (Rufous beaked snake). Neuropharmacology, 2007, 52, 1065-1070.	4.1	29
98	Inhibition of platelet aggregation by a fibrinogenase from Naja nigricollis venom is independent of fibrinogen degradation. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1095, 117-121.	4.1	27
99	Makatoxin I, a Novel Toxin Isolated from the Venom of the Scorpion Buthus martensi Karsch, Exhibits Nitrergic Actions. Journal of Biological Chemistry, 1997, 272, 8320-8324.	3.4	26
100	Gene duplication of coagulation factor V and origin of venom prothrombin activator in Pseudonaja textilis snake. Thrombosis and Haemostasis, 2005, 93, 420-429.	3.4	26
101	Interrogating the Venom of the Viperid Snake Sistrurus catenatus edwardsii by a Combined Approach of Electrospray and MALDI Mass Spectrometry. PLoS ONE, 2015, 10, e0092091.	2.5	26
102	Molecular isoforms of cobra venom factor-like proteins in the venom of Austrelaps superbus. Toxicon, 2007, 50, 32-52.	1.6	25
103	Unusual accelerated rate of deletions and insertions in toxin genes in the venom glands of the pygmy copperhead (Austrelaps labialis) from kangaroo island. BMC Evolutionary Biology, 2008, 8, 70.	3.2	25
104	Unique gene organization of colubrid three-finger toxins: Complete cDNA and gene sequences of denmotoxin, a bird-specific toxin from colubrid snake Boiga dendrophila (Mangrove Catsnake). Biochimie, 2008, 90, 868-877.	2.6	24
105	Omics Technologies for Profiling Toxin Diversity and Evolution in Snake Venom: Impacts on the Discovery of Therapeutic and Diagnostic Agents. Annual Review of Animal Biosciences, 2020, 8, 91-116.	7.4	24
106	Effect of snake venom procoagulants on snake plasma: implications for the coagulation cascade of snakes. Toxicon, 2002, 40, 175-183.	1.6	23
107	At-line nanofractionation with parallel mass spectrometry and bioactivity assessment for the rapid screening of thrombin and factor Xa inhibitors in snake venoms. Toxicon, 2016, 110, 79-89.	1.6	23
108	Neurotoxicity fingerprinting of venoms using on-line microfluidic AChBP profiling. Toxicon, 2018, 148, 213-222.	1.6	23

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109	Snake venom three-finger toxins and their potential in drug development targeting cardiovascular diseases. Biochemical Pharmacology, 2020, 181, 114105.	4.4	23
110	Platelet Aggregation and Exogenous Factors From Animal Sources. Current Drug Targets Cardiovascular & Haematological Disorders, 2004, 4, 301-325.	2.0	23
111	Pseutarin C, a prothrombin activator from Pseudonaja textilis venom: its structural and functional similarity to mammalian coagulation factor Xa-Va complex. Thrombosis and Haemostasis, 2002, 88, 611-9.	3.4	23
112	Venom analysis of long-term captive Pakistan cobra (Naja naja) populations. Toxicon, 2010, 55, 612-618.	1.6	22
113	Hemextin AB Complex â€“ A Snake Venom Anticoagulant Protein Complex That Inhibits Factor VIIa Activity. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 2005, 34, 184-187.	0.3	21
114	A Distinct Functional Site in Î©-Neurotoxins: Novel Antagonists of Nicotinic Acetylcholine Receptors from Snake Venom. ACS Chemical Biology, 2015, 10, 2805-2815.	3.4	21
115	Ringhalexin from Hemachatus haemachatus: A novel inhibitor of extrinsic tenase complex. Scientific Reports, 2016, 6, 25935.	3.3	21
116	Widespread Evolution of Molecular Resistance to Snake Venom Î±-Neurotoxins in Vertebrates. Toxins, 2020, 12, 638.	3.4	21
117	Biophysical Characterization of Anticoagulant Hemextin AB Complex from the Venom of Snake Hemachatus haemachatus. Biophysical Journal, 2007, 93, 3963-3976.	0.5	20
118	Structural determinants of protein folding. Cellular and Molecular Life Sciences, 2009, 66, 2341-2361.	5.4	20
119	Milestones and future prospects in snake venom research. Toxicon, 2013, 62, 1-2.	1.6	20
120	High resolution proteomics of Aedes aegypti salivary glands infected with either dengue, Zika or chikungunya viruses identify new virus specific and broad antiviral factors. Scientific Reports, 2021, 11, 23696.	3.3	20
121	Convergent evolution of toxin resistance in animals. Biological Reviews, 2022, 97, 1823-1843.	10.4	20
122	Exactin: A specific inhibitor of Factor X activation by extrinsic tenase complex from the venom of Hemachatus haemachatus. Scientific Reports, 2016, 6, 32036.	3.3	18
123	An Integrated Proteomic and Transcriptomic Analysis Reveals the Venom Complexity of the Bullet Ant Paraponera clavata. Toxins, 2020, 12, 324.	3.4	18
124	Dengue virus infection modifies mosquito blood-feeding behavior to increase transmission to the host. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	18
125	Application of isothermal titration calorimetry and column chromatography for identification of biomolecular targets. Nature Protocols, 2011, 6, 158-165.	12.0	17
126	Accelerated evolution of toxin genes: Exonization and intronization in snake venom disintegrin/metalloprotease genes. Toxicon, 2018, 148, 16-25.	1.6	17

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127	Toxins Are an Excellent Source of Therapeutic Agents against Cardiovascular Diseases. Seminars in Thrombosis and Hemostasis, 2018, 44, 691-706.	2.7	17
128	Identification and Structural Characterization of a New Three-Finger Toxin Hemachatoxin from Hemachatus haemachatus Venom. PLoS ONE, 2012, 7, e48112.	2.5	17
129	NMR structure of bucandin, a neurotoxin from the venom of the Malayan krait (Bungarus candidus). Biochemical Journal, 2001, 360, 539.	3.7	16
130	The recruitment of blood coagulation factor X into snake venom gland as a toxin. Thrombosis and Haemostasis, 2009, 102, 469-478.	3.4	16
131	Proteomic Deep Mining the Venom of the Red-Headed Krait, Bungarus flaviceps. Toxins, 2018, 10, 373.	3.4	16
132	Two parallel prothrombin activator systems in Australian rough-scaled snake, Tropidechis carinatus. Thrombosis and Haemostasis, 2005, 93, 40-47.	3.4	15
133	Nucleotide sequence determines the accelerated rate of point mutations. Toxicon, 2010, 56, 295-304.	1.6	15
134	Angio-3, a 10-residue peptide derived from human plasminogen kringle 3, suppresses tumor growth in mice via impeding both angiogenesis and vascular permeability. Angiogenesis, 2018, 21, 653-665.	7.2	15
135	Extended Snake Venomics by Top-Down In-Source Decay: Investigating the Newly Discovered Anatolian Meadow Viper Subspecies, Vipera anatolica senliki. Journal of Proteome Research, 2020, 19, 1731-1749.	3.7	15
136	Snake Venom Prothrombin Activators Similar to Blood Coagulation Factor Xa. Current Drug Targets Cardiovascular & Haematological Disorders, 2004, 4, 397-416.	2.0	15
137	Expression and characterization of haemathrins, madanin-like thrombin inhibitors, isolated from the salivary gland of tick Haemaphysalis bispinosa (Acari: Ixodidae). Thrombosis Research, 2017, 152, 20-29.	1.7	14
138	Avathrin: a novel thrombin inhibitor derived from a multicopy precursor in the salivary glands of the ixodid tick,Amblyomma variegatum. FASEB Journal, 2017, 31, 2981-2995.	0.5	14
139	A Non-structural 1 Protein G53D Substitution Attenuates a Clinically Tested Live Dengue Vaccine. Cell Reports, 2020, 31, 107617.	6.4	14
140	Rapid method for separation and purification of four isoenzymes of phosphodiesterase from trimeresurus flavoviridis (habu snake) venom. Journal of Chromatography A, 1984, 291, 299-305.	3.7	13
141	Trocarin, a blood coagulation factor Xa homologue from snake venom, causes inflammation and mitogenesis. Toxicon, 2003, 42, 769-776.	1.6	13
142	A universal method for fishing target proteins from mixtures of biomolecules using isothermal titration calorimetry. Protein Science, 2008, 17, 1798-1804.	7.6	13
143	The First Intrinsic Tenase Complex Inhibitor with Serine Protease Structure Offers a New Perspective in Anticoagulant Therapy. Thrombosis and Haemostasis, 2018, 118, 1713-1728.	3.4	13
144	The Procoagulant Snake Venom Serine Protease Potentially Having a Dual, Blood Coagulation Factor V and X-Activating Activity. Toxins, 2020, 12, 358.	3.4	13

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145	Noncompetitive Inhibitor of Thrombin. ChemBioChem, 2009, 10, 2155-2158.	2.6	12
146	Classification and nomenclature of snake venom C-type lectins and related proteins. Toxicon, 2009, 54, 83.	1.6	12
147	Microfluidic Chipâ€“Based Online Screening Coupled to Mass Spectrometry. Journal of Biomolecular Screening, 2016, 21, 212-220.	2.6	12
148	Fulditoxin, representing a new class of dimeric snake toxins, defines novel pharmacology at nicotinic ACh receptors. British Journal of Pharmacology, 2020, 177, 1822-1840.	5.4	12
149	Venom natriuretic peptides guide the design of heart failure therapeutics. Pharmacological Research, 2020, 155, 104687.	7.1	12
150	Exogenous Inhibitors of Platelet Aggregation from Animal Sources. Thrombosis and Haemostasis, 2001, 85, 179-181.	3.4	11
151	Tail wags the dog: activity of krait natriuretic peptide is determined by its C-terminal tail in a natriuretic peptide receptor-independent manner. Biochemical Journal, 2015, 469, 255-266.	3.7	10
152	Decoding the molecular switches of natriuretic peptides which differentiate its vascular and renal functions. Biochemical Journal, 2018, 475, 399-413.	3.7	10
153	Increased Mosquito Midgut Infection by Dengue Virus Recruitment of Plasmin Is Blocked by an Endogenous Kazal-type Inhibitor. IScience, 2019, 21, 564-576.	4.1	10
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