

# R Manjunatha Kini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5315339/publications.pdf>

Version: 2024-02-01

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	Structure of <i>Aedes aegypti</i> procarboxypeptidase B1 and its binding with Dengue virus for controlling infection. <i>Life Science Alliance</i> , 2022, 5, e202101211.	2.8	2
2	Metabolic Processes Are Differentially Regulated During Wild-Type and Attenuated Dengue Virus Infection in <i>Aedes aegypti</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, , .	1.4	0
3	Dengue virus infection modifies mosquito blood-feeding behavior to increase transmission to the host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	18
4	Mapping of molecular interactions between human E3 ligase TRIM69 and Dengue virus NS3 protease using hydrogenâ€“deuterium exchange mass spectrometry. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 233.	5.4	7
5	Scaffold stability and P14â€™ residue steric hindrance in the differential inhibition of FXIIa by <i>Aedes aegypti</i> trypsin inhibitor versus Infestin-4. <i>Bioscience Reports</i> , 2022, , .	2.4	0
6	Convergent evolution of toxin resistance in animals. <i>Biological Reviews</i> , 2022, 97, 1823-1843.	10.4	20
7	A Factor XIa Inhibitor Engineered from Banded Krait Venom Toxin: Efficacy and Safety in Rodent Models of Arterial and Venous Thrombosis. <i>Biomedicines</i> , 2022, 10, 1679.	3.2	0
8	Natriuretic peptide analogues with distinct vasodilatory or renal activity: integrated effects in health and experimental heart failure. <i>Cardiovascular Research</i> , 2021, 117, 508-519.	3.8	6
9	Obituary Philip Rosenberg (1931â€“2021). <i>Toxicon</i> , 2021, 199, A1-A2.	1.6	0
10	A general approach to protein folding using thermostable exoshells. <i>Nature Communications</i> , 2021, 12, 5720.	12.8	7
11	Structure of <i>Aedes aegypti</i> carboxypeptidase B1 â€inhibitor complex uncover the disparity between mosquito and nonâ€mosquito insect carboxypeptidase inhibition mechanism. <i>Protein Science</i> , 2021, 30, 2445-2456.	7.6	4
12	Efficacy and safety of next-generation tick transcriptome-derived direct thrombin inhibitors. <i>Nature Communications</i> , 2021, 12, 6912.	12.8	6
13	Revisiting dengue virus-mosquito interactions: molecular insights into viral fitness. <i>Journal of General Virology</i> , 2021, 102, .	2.9	7
14	Crystal structure of <i>Aedes aegypti</i> trypsin inhibitor in complex with $\hat{1}4$ â€plasmin reveals role for scaffold stability in Kazalâ€type serine protease inhibitor. <i>Protein Science</i> , 2021, , .	7.6	2
15	High resolution proteomics of <i>Aedes aegypti</i> salivary glands infected with either dengue, Zika or chikungunya viruses identify new virus specific and broad antiviral factors. <i>Scientific Reports</i> , 2021, 11, 23696.	3.3	20
16	Omics Technologies for Profiling Toxin Diversity and Evolution in Snake Venom: Impacts on the Discovery of Therapeutic and Diagnostic Agents. <i>Annual Review of Animal Biosciences</i> , 2020, 8, 91-116.	7.4	24
17	The Indian cobra reference genome and transcriptome enables comprehensive identification of venom toxins. <i>Nature Genetics</i> , 2020, 52, 106-117.	21.4	139
18	Fulditoxin, representing a new class of dimeric snake toxins, defines novel pharmacology at nicotinic ACh receptors. <i>British Journal of Pharmacology</i> , 2020, 177, 1822-1840.	5.4	12

#	ARTICLE	IF	CITATIONS
19	Widespread Evolution of Molecular Resistance to Snake Venom $\hat{\pm}$ Neurotoxins in Vertebrates. <i>Toxins</i> , 2020, 12, 638.	3.4	21
20	JNK pathway restricts DENV2, ZIKV and CHIKV infection by activating complement and apoptosis in mosquito salivary glands. <i>PLoS Pathogens</i> , 2020, 16, e1008754.	4.7	44
21	Obituary Sadaaki Iwanaga (1933â€“2020). <i>Toxicon</i> , 2020, 187, A1-A2.	1.6	0
22	An Integrated Proteomic and Transcriptomic Analysis Reveals the Venom Complexity of the Bullet Ant <i>Paraponera clavata</i> . <i>Toxins</i> , 2020, 12, 324.	3.4	18
23	Repurposed drug to the rescue of snakebite victims. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	5
24	A Non-structural 1 Protein G53D Substitution Attenuates a Clinically Tested Live Dengue Vaccine. <i>Cell Reports</i> , 2020, 31, 107617.	6.4	14
25	The Procoagulant Snake Venom Serine Protease Potentially Having a Dual, Blood Coagulation Factor V and X-Activating Activity. <i>Toxins</i> , 2020, 12, 358.	3.4	13
26	Toxinology provides multidirectional and multidimensional opportunities: A personal perspective. <i>Toxicon: X</i> , 2020, 6, 100039.	2.9	2
27	Editorial: Novel Immunotherapies Against Envenomings by Snakes and Other Venomous Animals. <i>Frontiers in Immunology</i> , 2020, 11, 1004.	4.8	7
28	Snake venom three-finger toxins and their potential in drug development targeting cardiovascular diseases. <i>Biochemical Pharmacology</i> , 2020, 181, 114105.	4.4	23
29	Venom natriuretic peptides guide the design of heart failure therapeutics. <i>Pharmacological Research</i> , 2020, 155, 104687.	7.1	12
30	Extended Snake Venomics by Top-Down In-Source Decay: Investigating the Newly Discovered Anatolian Meadow Viper Subspecies, <i>Vipera anatolica senliki</i> . <i>Journal of Proteome Research</i> , 2020, 19, 1731-1749.	3.7	15
31	Natural Inhibitors of Snake Venom Metalloproteinases. <i>Australian Journal of Chemistry</i> , 2020, 73, 277.	0.9	5
32	Unusual quaternary structure of a homodimeric synergistic-type toxin from mamba snake venom defines its molecular evolution. <i>Biochemical Journal</i> , 2020, 477, 3951-3962.	3.7	0
33	Drysdalin, a snake neurotoxin with higher affinity for soluble acetylcholine binding protein from <i>Aplysia californica</i> than from <i>Lymnaea stagnalis</i> . <i>Toxicon</i> , 2020, 187, 86-92.	1.6	0
34	Title is missing!. , 2020, 16, e1008754.		0
35	Title is missing!. , 2020, 16, e1008754.		0
36	Title is missing!. , 2020, 16, e1008754.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2020, 16, e1008754.		0
38	Title is missing!. , 2020, 16, e1008754.		0
39	Title is missing!. , 2020, 16, e1008754.		0
40	Exogenous Factors from Venomous and Hematophagous Animals in Drugs and Diagnostic Developments for Cardiovascular and Neurovascular Diseases. Cardiovascular & Hematological Disorders Drug Targets, 2019, 19, 90-94.	0.7	2
41	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
42	Toxins for decoding interface selectivity in nicotinic acetylcholine receptors. Biochemical Journal, 2019, 476, 1515-1520.	3.7	10
43	Drysdalin, an antagonist of nicotinic acetylcholine receptors highlights the importance of functional rather than structural conservation of amino acid residues. FASEB BioAdvances, 2019, 1, 115-131.	2.4	10
44	Identification of a $\alpha$ -helical molten globule intermediate and structural characterization of $\alpha$ -cardiotoxin, an all $\beta$ -sheet protein isolated from the venom of <i>Ophiophagus hannah</i> (king cobra). Protein Science, 2019, 28, 952-963.	7.6	7
45	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
46	Accelerated evolution of toxin genes: Exonization and intronization in snake venom disintegrin/metalloprotease genes. Toxicon, 2018, 148, 16-25.	1.6	17
47	Decoding the molecular switches of natriuretic peptides which differentiate its vascular and renal functions. Biochemical Journal, 2018, 475, 399-413.	3.7	10
48	Biosynthetic Oligoclonal Antivenom (BOA) for Snakebite and Next-Generation Treatments for Snakebite Victims. Toxins, 2018, 10, 534.	3.4	64
49	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
50	Orphan Three-Finger Toxins Bind at Tissue Factor-Factor VIIa Interface to Inhibit Factor X Activation: Identification of Functional Site by Docking. TH Open, 2018, 02, e303-e314.	1.4	4
51	Proteomic Deep Mining the Venom of the Red-Headed Krait, Bungarus flaviceps. Toxins, 2018, 10, 373.	3.4	16
52	Neurotoxicity fingerprinting of venoms using on-line microfluidic AChBP profiling. Toxicon, 2018, 148, 213-222.	1.6	23
53	Toxins Are an Excellent Source of Therapeutic Agents against Cardiovascular Diseases. Seminars in Thrombosis and Hemostasis, 2018, 44, 691-706.	2.7	17
54	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

#	ARTICLE	IF	CITATIONS
55	Comparison of proteomic profiles of the venoms of two of the "Big Four" snakes of India, the Indian cobra ( <i>Naja naja</i> ) and the common krait ( <i>Bungarus caeruleus</i> ), and analyses of their toxins. <i>Toxicon</i> , 2017, 135, 33-42.	1.6	60
56	Development of bioanalytical assays for variegain, a peptide-based bivalent direct thrombin inhibitor. <i>Bioanalysis</i> , 2017, 9, 693-705.	1.5	2
57	Avathrin: a novel thrombin inhibitor derived from a multicopy precursor in the salivary glands of the ixodid tick, <i>Amblyomma variegatum</i> . <i>FASEB Journal</i> , 2017, 31, 2981-2995.	0.5	14
58	Metalloproteases Affecting Blood Coagulation, Fibrinolysis and Platelet Aggregation from Snake Venoms: Definition and Nomenclature of Interaction Sites. <i>Toxins</i> , 2016, 8, 284.	3.4	119
59	Snake Genome Sequencing: Results and Future Prospects. <i>Toxins</i> , 2016, 8, 360.	3.4	31
60	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, <i>Rhipicephalus microplus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004298.	3.0	30
61	Development of an Online Cell-Based Bioactivity Screening Method by Coupling Liquid Chromatography to Flow Cytometry with Parallel Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 4825-4832.	6.5	5
62	Regulation of expression of venom toxins: silencing of prothrombin activator trocarnin D by AG-rich motifs. <i>FASEB Journal</i> , 2016, 30, 2411-2425.	0.5	9
63	Ringhalexin from <i>Hemachatus haemachatus</i> : A novel inhibitor of extrinsic tenase complex. <i>Scientific Reports</i> , 2016, 6, 25935.	3.3	21
64	Exactin: A specific inhibitor of Factor X activation by extrinsic tenase complex from the venom of <i>Hemachatus haemachatus</i> . <i>Scientific Reports</i> , 2016, 6, 32036.	3.3	18
65	Proteomic comparisons of venoms of long-term captive and recently wild-caught Eastern brown snakes ( <i>Pseudonaja textilis</i> ) indicate venom does not change due to captivity. <i>Journal of Proteomics</i> , 2016, 144, 51-62.	2.4	34
66	Microfluidic Chip-Based Online Screening Coupled to Mass Spectrometry. <i>Journal of Biomolecular Screening</i> , 2016, 21, 212-220.	2.6	12
67	At-line nanofractionation with parallel mass spectrometry and bioactivity assessment for the rapid screening of thrombin and factor Xa inhibitors in snake venoms. <i>Toxicon</i> , 2016, 110, 79-89.	1.6	23
68	Tail wags the dog: activity of krait natriuretic peptide is determined by its C-terminal tail in a natriuretic peptide receptor-independent manner. <i>Biochemical Journal</i> , 2015, 469, 255-266.	3.7	10
69	A Defined $\alpha$ -Helix in the Bifunctional O-Glycosylated Natriuretic Peptide TcNP $\alpha$ from the Venom of <i>Tropidochis carinatus</i> . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4828-4831.	13.8	7
70	Development of Plate Reader and On-Line Microfluidic Screening to Identify Ligands of the 5-Hydroxytryptamine Binding Protein in Venoms. <i>Toxins</i> , 2015, 7, 2336-2353.	3.4	2
71	Snake venom natriuretic peptides: Potential molecular probes. <i>BMC Pharmacology &amp; Toxicology</i> , 2015, 16, .	2.4	5
72	Sexual differences in the sialomes of the zebra tick, <i>Rhipicephalus pulchellus</i> . <i>Journal of Proteomics</i> , 2015, 117, 120-144.	2.4	67

#	ARTICLE	IF	CITATIONS
73	Unveiling the complexities of <i>Daboia russelii</i> venom, a medically important snake of India, by tandem mass spectrometry. <i>Toxicon</i> , 2015, 107, 266-281.	1.6	58
74	A Distinct Functional Site in $\alpha$ -Neurotoxins: Novel Antagonists of Nicotinic Acetylcholine Receptors from Snake Venom. <i>ACS Chemical Biology</i> , 2015, 10, 2805-2815.	3.4	21
75	Venom gland transcriptomics for identifying, cataloging, and characterizing venom proteins in snakes. <i>Toxicon</i> , 2015, 93, 1-10.	1.6	70
76	Interrogating the Venom of the Viperid Snake <i>Sistrurus catenatus edwardsii</i> by a Combined Approach of Electrospray and MALDI Mass Spectrometry. <i>PLoS ONE</i> , 2015, 10, e0092091.	2.5	26
77	Identification and characterisation of novel inhibitors on extrinsic tenase complex from <i>Bungarus fasciatus</i> (banded krait) venom. <i>Thrombosis and Haemostasis</i> , 2014, 112, 700-715.	3.4	7
78	Snake bites and hemostasis/thrombosis. <i>Thrombosis Research</i> , 2013, 132, 642-646.	1.7	54
79	The king cobra genome reveals dynamic gene evolution and adaptation in the snake venom system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20651-20656.	7.1	412
80	Milestones and future prospects in snake venom research. <i>Toxicon</i> , 2013, 62, 1-2.	1.6	20
81	Structural Determinants in Protein Folding: A Single Conserved Hydrophobic Residue Determines Folding of EGF Domains. <i>ACS Chemical Biology</i> , 2013, 8, 161-169.	3.4	6
82	Non-enzymatic proteins from snake venoms: A gold mine of pharmacological tools and drug leads. <i>Toxicon</i> , 2013, 62, 56-74.	1.6	115
83	Characterization of inflamin, the first member of a new family of snake venom proteins that induces inflammation. <i>Biochemical Journal</i> , 2013, 455, 239-250.	3.7	4
84	From snake venom toxins to therapeutics – Cardiovascular examples. <i>Toxicon</i> , 2012, 59, 497-506.	1.6	183
85	Identification and Structural Characterization of a New Three-Finger Toxin Hemachatoxin from <i>Hemachatus haemachatus</i> Venom. <i>PLoS ONE</i> , 2012, 7, e48112.	2.5	17
86	Identification of Novel Proteins from the Venom of a Cryptic Snake <i>Drysdalia coronoides</i> by a Combined Transcriptomics and Proteomics Approach. <i>Journal of Proteome Research</i> , 2011, 10, 739-750.	3.7	50
87	Crystal Structure of Thrombin in Complex with S-Varieggin: Insights of a Novel Mechanism of Inhibition and Design of Tunable Thrombin Inhibitors. <i>PLoS ONE</i> , 2011, 6, e26367.	2.5	40
88	Enzymatic toxins from snake venom: structural characterization and mechanism of catalysis. <i>FEBS Journal</i> , 2011, 278, 4544-4576.	4.7	233
89	Application of isothermal titration calorimetry and column chromatography for identification of biomolecular targets. <i>Nature Protocols</i> , 2011, 6, 158-165.	12.0	17
90	Isthmin is a novel secreted angiogenesis inhibitor that inhibits tumour growth in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 359-374.	3.6	59

#	ARTICLE	IF	CITATIONS
91	Transcriptomic analysis of the venom gland of the red-headed krait ( <i>Bungarus flaviceps</i> ) using expressed sequence tags. <i>BMC Molecular Biology</i> , 2010, 11, 24.	3.0	43
92	Structural and Functional Characterization of a Novel Homodimeric Three-finger Neurotoxin from the Venom of <i>Ophiophagus hannah</i> (King Cobra). <i>Journal of Biological Chemistry</i> , 2010, 285, 8302-8315.	3.4	77
93	Venom analysis of long-term captive Pakistan cobra ( <i>Naja naja</i> ) populations. <i>Toxicon</i> , 2010, 55, 612-618.	1.6	22
94	Nucleotide sequence determines the accelerated rate of point mutations. <i>Toxicon</i> , 2010, 56, 295-304.	1.6	15
95	Structure, function and evolution of three-finger toxins: Mini proteins with multiple targets. <i>Toxicon</i> , 2010, 56, 855-867.	1.6	303
96	Identification of a Novel Family of Snake Venom Proteins Veficolins from <i>Cerberus rynchops</i> Using a Venom Gland Transcriptomics and Proteomics Approach. <i>Journal of Proteome Research</i> , 2010, 9, 1882-1893.	3.7	79
97	Thrombin Inhibitors from Haematophagous Animals. , 2010, , 239-254.		2
98	Origin and Evolution of Snake Venom Prothrombin Activators. , 2010, , 501-517.		1
99	Tiny Ticks are Vast Sources of Antihaemostatic Factors. , 2010, , 113-130.		2
100	Toxin treasure in snake venoms: A protein biochemist's sandbox. <i>Biochemist</i> , 2010, 32, 24-28.	0.5	1
101	The recruitment of blood coagulation factor X into snake venom gland as a toxin. <i>Thrombosis and Haemostasis</i> , 2009, 102, 469-478.	3.4	16
102	Role of accelerated segment switch in exons to alter targeting (ASSET) in the molecular evolution of snake venom proteins. <i>BMC Evolutionary Biology</i> , 2009, 9, 146.	3.2	55
103	Noncompetitive Inhibitor of Thrombin. <i>ChemBioChem</i> , 2009, 10, 2155-2158.	2.6	12
104	Structural determinants of protein folding. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 2341-2361.	5.4	20
105	Protein complexes in snake venom. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 2851-2871.	5.4	189
106	Scientific and standardization committee communications: classification and nomenclature of snake venom C-type lectins and related proteins. <i>Journal of Thrombosis and Haemostasis</i> , 2009, 7, 360.	3.8	37
107	Classification and nomenclature of snake venom C-type lectins and related proteins. <i>Toxicon</i> , 2009, 54, 83.	1.6	12
108	Irditoxin, a novel covalently linked heterodimeric three-finger toxin with high taxon-specific neurotoxicity. <i>FASEB Journal</i> , 2009, 23, 534-545.	0.5	165

#	ARTICLE	IF	CITATIONS
109	Snake Venom Phospholipase A2 Enzymes. , 2009, , 173-205.		5
110	Molecular diversity of anticoagulants from haematophagous animals. Thrombosis and Haemostasis, 2009, 102, 437-453.	3.4	83
111	Snake Venom Three-Finger Toxins. , 2009, , 287-301.		7
112	A universal method for fishing target proteins from mixtures of biomolecules using isothermal titration calorimetry. Protein Science, 2008, 17, 1798-1804.	7.6	13
113	Accelerated exchange of exon segments in Viperid three-finger toxin genes ( <i>Sistrurus catenatus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 11	3.2	43
114	Unusual accelerated rate of deletions and insertions in toxin genes in the venom glands of the pygmy copperhead ( <i>Austrelaps labialis</i> ) from kangaroo island. BMC Evolutionary Biology, 2008, 8, 70.	3.2	25
115	Structural Characterization of Myotoxic Ecarpholin S From <i>Echis carinatus</i> Venom. Biophysical Journal, 2008, 95, 3366-3380.	0.5	45
116	Complement C3 isoforms in <i>Austrelaps superbus</i> . Toxicon, 2008, 51, 864-881.	1.6	8
117	Unique gene organization of colubrid three-finger toxins: Complete cDNA and gene sequences of denmotoxin, a bird-specific toxin from colubrid snake <i>Boiga dendrophila</i> (Mangrove Catsnake). Biochimie, 2008, 90, 868-877.	2.6	24
118	Structure, Self-Assembly, and Dual Role of a $\beta$ -Defensin-like Peptide from the Chinese Soft-Shellled Turtle Eggshell Matrix. Journal of the American Chemical Society, 2008, 130, 4660-4668.	13.7	41
119	Anticoagulants from hematophagous animals. Expert Review of Hematology, 2008, 1, 135-139.	2.2	31
120	$\beta$ -Cardiotoxin: a new three-finger toxin from <i>Ophiophagus hannah</i> (king cobra) venom with $\beta$ -blocker activity. FASEB Journal, 2007, 21, 3685-3695.	0.5	82
121	Antimicrobial activity of omwaprin, a new member of the waprin family of snake venom proteins. Biochemical Journal, 2007, 402, 93-104.	3.7	134
122	Molecular isoforms of cobra venom factor-like proteins in the venom of <i>Austrelaps superbus</i> . Toxicon, 2007, 50, 32-52.	1.6	25
123	Isolation and characterization of rufoxin, a novel protein exhibiting neurotoxicity from venom of the psammophiine, <i>Rhamphiophis oxyrhynchus</i> (Rufous beaked snake). Neuropharmacology, 2007, 52, 1065-1070.	4.1	29
124	Protein Folding Determinants: Structural Features Determining Alternative Disulfide Pairing in $\beta$ - and $\beta$ -Conotoxins. Biochemistry, 2007, 46, 3338-3355.	2.5	37
125	Biophysical Characterization of Anticoagulant Hemextin AB Complex from the Venom of Snake <i>Hemachatus haemachatus</i> . Biophysical Journal, 2007, 93, 3963-3976.	0.5	20
126	Variagin, a Novel Fast and Tight Binding Thrombin Inhibitor from the Tropical Bont Tick. Journal of Biological Chemistry, 2007, 282, 29101-29113.	3.4	96



#	ARTICLE	IF	CITATIONS
127	In Vitro Study of Magnesium-Calcite Biomineralization in the Skeletal Materials of the Seastar <i>Pisaster giganteus</i> . <i>Chemistry - A European Journal</i> , 2007, 13, 3262-3268.	3.3	63
128	Crystallization and preliminary X-ray diffraction analysis of hemextin A: a unique anticoagulant protein from <i>Hemachatus haemachatus</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 701-703.	0.7	4
129	The venom gland transcriptome of the Desert Massasauga Rattlesnake ( <i>Sistrurus catenatus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.0	107
130	Expression pattern of three-finger toxin and phospholipase A2 genes in the venom glands of two sea snakes, <i>Lapemis curtus</i> and <i>Acalyptophis peronii</i> : comparison of evolution of these toxins in land snakes, sea kraits and sea snakes. <i>BMC Evolutionary Biology</i> , 2007, 7, 175.	3.2	47
131	Formation of Transient Amorphous Calcium Carbonate Precursor in Quail Eggshell Mineralization: An In Vitro Study. <i>Biomacromolecules</i> , 2006, 7, 3202-3209.	5.4	105
132	Anticoagulant proteins from snake venoms: structure, function and mechanism. <i>Biochemical Journal</i> , 2006, 397, 377-387.	3.7	209
133	Solution Structures of Two Structural Isoforms of $\alpha$ -Conotoxin. <i>Biomacromolecules</i> , 2006, 7, 2337-2346.	5.4	8
134	Ohanin, a novel protein from king cobra venom: Its cDNA and genomic organization. <i>Gene</i> , 2006, 371, 246-256.	2.2	32
135	Snake venom glutaminyl cyclase. <i>Toxicon</i> , 2006, 48, 278-286.	1.6	32
136	Molecular evolution caught in action: gene duplication and evolution of molecular isoforms of prothrombin activators in <i>Pseudonaja textilis</i> (brown snake). <i>Journal of Thrombosis and Haemostasis</i> , 2006, 4, 1346-1353.	3.8	36
137	PROTHROMBIN ACTIVATORS FROM AUSTRALIAN SNAKES. <i>Toxin Reviews</i> , 2006, 25, 257-290.	3.4	2
138	Denmotoxin, a Three-finger Toxin from the Colubrid Snake <i>Boiga dendrophila</i> (Mangrove Catsnake) with Bird-specific Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 29030-29041.	3.4	183
139	Mimicking the Function of Eggshell Matrix Proteins: The Role of Multiplets of Charged Amino Acid Residues and Self-Assembly of Peptides in Biomineralization. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5476-5479.	13.8	33
140	Effect of C-Terminal Amidation on Folding and Disulfide-Pairing of $\alpha$ -Conotoxin Iml. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6333-6337.	13.8	39
141	Eggs-Only Diet: Its Implications for the Toxin Profile Changes and Ecology of the Marbled Sea Snake ( <i>Aipysurus eydouxii</i> ). <i>Journal of Molecular Evolution</i> , 2005, 60, 81-89.	1.8	138
142	Gene duplication of coagulation factor V and origin of venom prothrombin activator in <i>Pseudonaja textilis</i> snake. <i>Thrombosis and Haemostasis</i> , 2005, 93, 420-429.	3.4	26
143	Two parallel prothrombin activator systems in Australian rough-scaled snake, <i>Tropidechis carinatus</i> . <i>Thrombosis and Haemostasis</i> , 2005, 93, 40-47.	3.4	15
144	Serine Proteases Affecting Blood Coagulation and Fibrinolysis from Snake Venoms. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2005, 34, 200-204.	0.3	139

#	ARTICLE	IF	CITATIONS
145	Peptides Derived from Human Decorin Leucine-rich Repeat 5 Inhibit Angiogenesis. <i>Journal of Biological Chemistry</i> , 2005, 280, 27935-27948.	3.4	69
146	Ohanin, a Novel Protein from King Cobra Venom, Induces Hypolocomotion and Hyperalgesia in Mice. <i>Journal of Biological Chemistry</i> , 2005, 280, 13137-13147.	3.4	85
147	Hemextin AB Complex, a Unique Anticoagulant Protein Complex from <i>Hemachatus haemachatus</i> (African Ringhals Cobra) Venom That Inhibits Clot Initiation and Factor VIIa Activity. <i>Journal of Biological Chemistry</i> , 2005, 280, 42601-42611.	3.4	58
148	Hemextin AB Complex – A Snake Venom Anticoagulant Protein Complex That Inhibits Factor VIIa Activity. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2005, 34, 184-187.	0.3	21
149	Gene Structures of Trocarin D and Coagulation Factor X, Two Functionally Diverse Prothrombin Activators from Australian Rough Scaled Snake. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2005, 34, 205-208.	0.3	7
150	Putting the Brakes on Snake Venom Evolution: The Unique Molecular Evolutionary Patterns of <i>Aipysurus eydouxii</i> (Marbled Sea Snake) Phospholipase A2 Toxins. <i>Molecular Biology and Evolution</i> , 2005, 22, 934-941.	8.9	78
151	Pharmacological characterisation of a neurotoxin from the venom of <i>Boiga dendrophila</i> (Mangrove) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	52
152	Structure–function relationships and mechanism of anticoagulant phospholipase A2 enzymes from snake venoms. <i>Toxicon</i> , 2005, 45, 1147-1161.	1.6	198
153	The intriguing world of prothrombin activators from snake venom. <i>Toxicon</i> , 2005, 45, 1133-1145.	1.6	119
154	Purification and Characterization of a Vaterite-Inducing Peptide, Pelovaterin, from the Eggshells of <i>Pelodiscus sinensis</i> (Chinese Soft-Shell Turtle). <i>Biomacromolecules</i> , 2005, 6, 1429-1437.	5.4	109
155	The catalytic subunit of pseutarin C, a group C prothrombin activator from the venom of <i>Pseudonaja textilis</i> , is structurally similar to mammalian blood coagulation factor Xa. <i>Thrombosis and Haemostasis</i> , 2004, 92, 509-521.	3.4	39
156	In vitro neuromuscular activity of <i>Colubrid</i> ™ venoms: clinical and evolutionary implications. <i>Toxicon</i> , 2004, 43, 819-827.	1.6	30
157	Snake Venom Prothrombin Activators Similar to Blood Coagulation Factor Xa. <i>Current Drug Targets Cardiovascular &amp; Haematological Disorders</i> , 2004, 4, 397-416.	2.0	15
158	Hypotensive Agents from Snake Venoms. <i>Current Drug Targets Cardiovascular &amp; Haematological Disorders</i> , 2004, 4, 437-459.	2.0	43
159	Platelet Aggregation and Exogenous Factors From Animal Sources. <i>Current Drug Targets Cardiovascular &amp; Haematological Disorders</i> , 2004, 4, 301-325.	2.0	23
160	Isolation of a Neurotoxin (?-colubritoxin) from a Nonvenomous Colubrid: Evidence for Early Origin of Venom in Snakes. <i>Journal of Molecular Evolution</i> , 2003, 57, 446-452.	1.8	138
161	Analysis of Colubroidea snake venoms by liquid chromatography with mass spectrometry: evolutionary and toxicological implications. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2047-2062.	1.5	141
162	Trocarin, a blood coagulation factor Xa homologue from snake venom, causes inflammation and mitogenesis. <i>Toxicon</i> , 2003, 42, 769-776.	1.6	13

#	ARTICLE	IF	CITATIONS
163	Excitement ahead: structure, function and mechanism of snake venom phospholipase A2 enzymes. <i>Toxicon</i> , 2003, 42, 827-840.	1.6	564
164	Interaction of wheat high-mobility-group proteins with four-way-junction DNA and characterization of the structure and expression of HMGA gene. <i>Archives of Biochemistry and Biophysics</i> , 2003, 409, 357-366.	3.0	30
165	Eggshell Matrix Protein Mimics: Designer Peptides to Induce the Nucleation of Calcite Crystal Aggregates in Solution. <i>Biomacromolecules</i> , 2003, 4, 1321-1326.	5.4	44
166	Purification, Characterization, and in Vitro Mineralization Studies of a Novel Goose Eggshell Matrix Protein, Ansocalcin. <i>Journal of Biological Chemistry</i> , 2003, 278, 2928-2936.	3.4	56
167	Identification of a Novel Family of Proteins in Snake Venoms. <i>Journal of Biological Chemistry</i> , 2003, 278, 40097-40104.	3.4	60
168	The nonenzymatic subunit of pseutarin C, a prothrombin activator from eastern brown snake ( <i>Pseudonaja textilis</i> ) venom, shows structural similarity to mammalian coagulation factor V. <i>Blood</i> , 2003, 102, 1347-1354.	1.4	52
169	Group D prothrombin activators from snake venom are structural homologues of mammalian blood coagulation factor Xa. <i>Biochemical Journal</i> , 2003, 369, 635-642.	3.7	50
170	Investigation of the role of ansocalcin in the biomineralization in goose eggshell matrix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5155-5159.	7.1	103
171	Î²-Hefutoxin1, a Novel Toxin from the Scorpion <i>Heterometrus fulvipes</i> with Unique Structure and Function. <i>Journal of Biological Chemistry</i> , 2002, 277, 30040-30047.	3.4	130
172	Candoxin, a Novel Toxin from <i>Bungarus candidus</i> , Is a Reversible Antagonist of Muscle (Î± <sub>1</sub> ) but a Poorly Reversible Antagonist of Neuronal Î± <sub>7</sub> Nicotinic Acetylcholine Receptors. <i>Journal of Biological Chemistry</i> , 2002, 277, 17811-17820.	3.4	97
173	Tamapin, a Venom Peptide from the Indian Red Scorpion ( <i>Mesobuthus tamulus</i> ) That Targets Small Conductance Ca <sup>2+</sup> -activated K <sup>+</sup> Channels and Afterhyperpolarization Currents in Central Neurons. <i>Journal of Biological Chemistry</i> , 2002, 277, 46101-46109.	3.4	92
174	Effect of snake venom procoagulants on snake plasma: implications for the coagulation cascade of snakes. <i>Toxicon</i> , 2002, 40, 175-183.	1.6	23
175	Molecular moulds with multiple missions: Functional sites in three-finger toxins. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002, 29, 815-822.	1.9	132
176	Autonomic effects of some scorpion venoms and toxins. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002, 29, 795-801.	1.9	100
177	Pseutarin C, a prothrombin activator from <i>Pseudonaja textilis</i> venom: its structural and functional similarity to mammalian coagulation factor Xa-Va complex. <i>Thrombosis and Haemostasis</i> , 2002, 88, 611-9.	3.4	23
178	Procoagulant Proteins from Snake Venoms. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2001, 31, 218-224.	0.3	40
179	Exogenous Factors from Animal Sources that Induce Platelet Aggregation. <i>Thrombosis and Haemostasis</i> , 2001, 85, 177-178.	3.4	7
180	Classification and Nomenclature of Prothrombin Activators Isolated from Snake Venoms. <i>Thrombosis and Haemostasis</i> , 2001, 86, 710-711.	3.4	35

#	ARTICLE	IF	CITATIONS
181	Exogenous Inhibitors of Platelet Aggregation from Animal Sources. <i>Thrombosis and Haemostasis</i> , 2001, 85, 179-181.	3.4	11
182	NMR structure of bucardin, a neurotoxin from the venom of the Malayan krait ( <i>Bungarus candidus</i> ). <i>Biochemical Journal</i> , 2001, 360, 539-548.	3.7	31
183	NMR structure of bucardin, a neurotoxin from the venom of the Malayan krait ( <i>Bungarus candidus</i> ). <i>Biochemical Journal</i> , 2001, 360, 539.	3.7	16
184	Sequence-specific <sup>13</sup> C NMR assignments in a neurotoxin (candoxin) from <i>Bungarus candidus</i> . <i>Magnetic Resonance in Chemistry</i> , 2001, 39, 577-580.	1.9	2
185	Classification and nomenclature of prothrombin activators isolated from snake venoms. <i>Thrombosis and Haemostasis</i> , 2001, 86, 710-1.	3.4	5
186	The atomic resolution structure of bucardin, a novel toxin isolated from the Malayan krait, determined by direct methods. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000, 56, 1401-1407.	2.5	31
187	Î-Conotoxins, a New Family of Conotoxins with Unique Disulfide Pattern and Protein Folding. <i>Journal of Biological Chemistry</i> , 2000, 275, 39516-39522.	3.4	75
188	Snake Venom Phospholipase A2 Enzymes in Cell Biology. , 2000, , 304-318.		2
189	Amino Acid Sequence of Trocarin, a Prothrombin Activator From <i>Tropidechis carinatus</i> Venom: Its Structural Similarity to Coagulation Factor Xa. <i>Blood</i> , 1999, 94, 621-631.	1.4	80
190	Bioactivities of Safrole and Isosafrole on <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae) and <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae). <i>Journal of Economic Entomology</i> , 1999, 92, 676-683.	1.8	67
191	Accelerated Evolution and Molecular Surface of Venom Phospholipase A2 Enzymes. <i>Journal of Molecular Evolution</i> , 1999, 48, 125-132.	1.8	143
192	Rhodocetin, a Novel Platelet Aggregation Inhibitor from the Venom of <i>Calloselasma rhodostoma</i> (Malayan Pit Viper): Synergistic and Noncovalent Interaction between Its Subunits. <i>Biochemistry</i> , 1999, 38, 7584-7593.	2.5	80
193	Effects of Tannins from <i>Geum japonicum</i> on the Catalytic Activity of Thrombin and Factor Xa of Blood Coagulation Cascade. <i>Journal of Natural Products</i> , 1998, 61, 1356-1360.	3.0	48
194	Flanking Proline Residues Identify the L-Type Ca <sup>2+</sup> Channel Binding Site of Calciseptine and FS2. <i>Biochemistry</i> , 1998, 37, 9058-9063.	2.5	33
195	Haemolytic activity of stonustoxin from stonefish ( <i>Synanceja horrida</i> ) venom: pore formation and the role of cationic amino acid residues. <i>Biochemical Journal</i> , 1997, 325, 685-691.	3.7	62
196	Makatoxin I, a Novel Toxin Isolated from the Venom of the Scorpion <i>Buthus martensi</i> Karsch, Exhibits Nitroergic Actions. <i>Journal of Biological Chemistry</i> , 1997, 272, 8320-8324.	3.4	26
197	Pharmacological activity of the interdomain segment between metalloproteinase and disintegrin domains. <i>Toxicon</i> , 1997, 35, 529-535.	1.6	6
198	Adrenergic and nitroergic responses of the rat isolated anococcygeus muscle to a new toxin (makatoxin I) from the venom of the scorpion <i>Buthus martensi</i> Karsch. <i>Autonomic and Autacoid Pharmacology</i> , 1997, 17, 129-135.	0.6	8

#	ARTICLE	IF	CITATIONS
199	Stonustoxin Is a Novel Lethal Factor from Stonefish ( <i>Synanceja horrida</i> ) Venom. <i>Journal of Biological Chemistry</i> , 1996, 271, 25575-25581.	3.4	77
200	A novel approach to the design of potent bioactive peptides by incorporation of proline brackets: antiplatelet effects of Arg-Gly-Asp peptides. <i>FEBS Letters</i> , 1995, 375, 15-17.	2.8	36
201	Comparison of Protein Models Minimized by the All-Atom and United-Atom Models in the AMBER Force Field: Correlation of RMS deviation with the Crystallographic R Factor and Size. <i>Journal of Biomolecular Structure and Dynamics</i> , 1992, 10, 265-279.	3.5	5
202	Inhibition of platelet aggregation by a fibrinogenase from <i>Naja nigricollis</i> venom is independent of fibrinogen degradation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991, 1095, 117-121.	4.1	27
203	Molecular Modeling of Proteins: A Strategy for Energy Minimization by Molecular Mechanics in the AMBER Force Field. <i>Journal of Biomolecular Structure and Dynamics</i> , 1991, 9, 475-488.	3.5	41
204	The basic phospholipase A2 from <i>Naja nigricollis</i> venom inhibits the prothrombinase complex by a novel nonenzymic mechanism. <i>Biochemistry</i> , 1990, 29, 7742-7746.	2.5	74
205	Role of cationic residues in cytolytic activity: modification of lysine residues in the cardiotoxin from <i>Naja nigricollis</i> venom and correlation between cytolytic and antiplatelet activity. <i>Biochemistry</i> , 1989, 28, 9209-9215.	2.5	72
206	A common cytolytic region in myotoxins, hemolysins, cardiotoxins and antibacterial peptides*. <i>International Journal of Peptide and Protein Research</i> , 1989, 34, 277-286.	0.1	126
207	Correlation Between the Enzymatic Activity, Anticoagulant and Antiplatelet Effects of Phospholipase A2 Isoenzymes from <i>Naja nigricollis</i> Venom. <i>Thrombosis and Haemostasis</i> , 1988, 60, 170-173.	3.4	33
208	Characterization of three edema-inducing phospholipase A2 enzymes from habu ( <i>Trimeresurus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 1.6 224	1.6	224
209	Structure - function relationships of phospholipases II: Charge density distribution and the myotoxicity of presynaptically neurotoxic phospholipases. <i>Toxicon</i> , 1986, 24, 895-905.	1.6	107
210	Rapid method for separation and purification of four isoenzymes of phosphodiesterase from <i>trimeresurus flavoviridis</i> (habu snake) venom. <i>Journal of Chromatography A</i> , 1984, 291, 299-305.	3.7	13