

Raghuvir K Arni

List of Publications by Year in descending order

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158
papers

4,653
citations

94433

37
h-index

128289

60
g-index

165
all docs

165
docs citations

165
times ranked

3575
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of -omics studies on mosquito-borne viruses of the Flavivirus genus. <i>Virus Research</i> , 2022, 307, 198610.	2.2	5
2	Design of D-Amino Acids SARS-CoV-2 Main Protease Inhibitors Using the Cationic Peptide from Rattlesnake Venom as a Scaffold. <i>Pharmaceuticals</i> , 2022, 15, 540.	3.8	9
3	The Secreted Metabolome of HeLa Cells under Effect of Crostamine, a Cell-Penetrating Peptide from a Rattlesnake Using NMR-Based Metabolomics Analyses. <i>BioMed</i> , 2022, 2, 238-254.	1.1	1
4	Riboflavin, a Potent Neuroprotective Vitamin: Focus on Flavivirus and Alphavirus Proteases. <i>Microorganisms</i> , 2022, 10, 1331.	3.6	3
5	Brown Spidersâ€™ Phospholipases-D with Potential Therapeutic Applications: Functional Assessment of Mutant Isoforms. <i>Biomedicines</i> , 2021, 9, 320.	3.2	7
6	In vitro study of Hesperetin and Hesperidin as inhibitors of zika and chikungunya virus proteases. <i>PLoS ONE</i> , 2021, 16, e0246319.	2.5	17
7	The Repurposed Drugs Suramin and Quinacrine Cooperatively Inhibit SARS-CoV-2 3CLpro In Vitro. <i>Viruses</i> , 2021, 13, 873.	3.3	28
8	P-I metalloproteinases and L-amino acid oxidases from Bothrops species inhibit angiogenesis. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2021, 27, e20200180.	1.4	6
9	Promising Natural Compounds against Flavivirus Proteases: Citrus Flavonoids Hesperetin and Hesperidin. <i>Plants</i> , 2021, 10, 2183.	3.5	9
10	A protective vaccine against the toxic activities following Brown spider accidents based on recombinant mutated phospholipases D as antigens. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 757-770.	7.5	8
11	Berberine associated photodynamic therapy promotes autophagy and apoptosis via ROS generation in renal carcinoma cells. <i>Biomedicine and Pharmacotherapy</i> , 2020, 123, 109794.	5.6	64
12	Forty Years of the Description of Brown Spider Venom Phospholipases-D. <i>Toxins</i> , 2020, 12, 164.	3.4	33
13	A single P115Q mutation modulates specificity in the <i>Corynebacterium pseudotuberculosis</i> arginine repressor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129597.	2.4	0
14	rSodC is a potential antigen to diagnose <i>Corynebacterium pseudotuberculosis</i> by enzyme-linked immunoassay. <i>AMB Express</i> , 2020, 10, 186.	3.0	0
15	A panel of recombinant proteins for the serodiagnosis of caseous lymphadenitis in goats and sheep. <i>Microbial Biotechnology</i> , 2019, 12, 1313-1323.	4.2	16
16	Brown Spider (<i>Loxosceles</i>) Venom Toxins as Potential Biotools for the Development of Novel Therapeutics. <i>Toxins</i> , 2019, 11, 355.	3.4	24
17	Exfoliative toxin E, a new <i>Staphylococcus aureus</i> virulence factor with host-specific activity. <i>Scientific Reports</i> , 2019, 9, 16336.	3.3	20
18	Binding studies of a putative <i>C. pseudotuberculosis</i> target protein from Vitamin B12 Metabolism. <i>Scientific Reports</i> , 2019, 9, 6350.	3.3	6

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19	Heterologous expression, purification and biochemical characterization of a new xylanase from <i>Myceliophthora heterothallica</i> F.2.1.4. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 798-805.	7.5	19
20	Natural Products Isolated from Oriental Medicinal Herbs Inactivate Zika Virus. <i>Viruses</i> , 2019, 11, 49.	3.3	41
21	The polyanions heparin and suramin impede binding of free adenine to a DNA glycosylase from <i>C. pseudotuberculosis</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 125, 459-468.	7.5	5
22	Biochemical and biophysical characterization of a mycoredoxin protein glutaredoxin A1 from <i>Corynebacterium pseudotuberculosis</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1999-2007.	7.5	6
23	Structure and interaction of <i>Corynebacterium pseudotuberculosis</i> cold shock protein A with a single-stranded DNA fragment. <i>FEBS Journal</i> , 2018, 285, 372-390.	4.7	6
24	Zika virus NS2B/NS3 proteinase: A new target for an old drug - Suramin a lead compound for NS2B/NS3 proteinase inhibition-. <i>Antiviral Research</i> , 2018, 160, 118-125.	4.1	25
25	Modeling and molecular dynamics indicate that snake venom phospholipase B-like enzymes are Ntn-hydrolases. <i>Toxicon</i> , 2018, 153, 106-113.	1.6	6
26	Inhibition of thioredoxin A1 from <i>Corynebacterium pseudotuberculosis</i> by polyanions and flavonoids. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 1066-1073.	7.5	1
27	Bacterial and Arachnid Sphingomyelinases D: Comparison of Biophysical and Pathological Activities. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2053-2063.	2.6	6
28	Potential Implications for Designing Drugs Against the Brown Spider Venom Phospholipase. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 726-738.	2.6	26
29	Exploring the Binding Mechanism of Flavonoid Quercetin to Phospholipase A2: Fluorescence Spectroscopy and Computational Approach. <i>European Journal of Experimental Biology</i> , 2017, 07, .	0.3	7
30	Cold Shock Protein A from <i>Corynebacterium pseudotuberculosis</i> : Role of Electrostatic Forces in the Stability of the Secondary Structure. <i>Protein and Peptide Letters</i> , 2017, 24, 358-367.	0.9	15
31	Protein Profile Analysis of Two Australian Snake Venoms by One- Dimensional Gel Electrophoresis and MS/MS Experiments. <i>Current Medicinal Chemistry</i> , 2017, 24, 1892-1908.	2.4	1
32	Active site mapping of <i>Loxosceles</i> phospholipases D: Biochemical and biological features. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 970-979.	2.4	29
33	Serine proteinases from <i>Bothrops</i> snake venom activates PI3K/Akt mediated angiogenesis. <i>Toxicon</i> , 2016, 124, 63-72.	1.6	20
34	Tyrosine binding and promiscuity in the arginine repressor from the pathogenic bacterium <i>Corynebacterium pseudotuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 475, 350-355.	2.1	4
35	Putative virulence factors of <i>Corynebacterium pseudotuberculosis</i> FRC41: vaccine potential and protein expression. <i>Microbial Cell Factories</i> , 2016, 15, 83.	4.0	22
36	Three-Dimensional Structures and Mechanisms of Snake Venom Serine Proteinases, Metalloproteinases, and Phospholipase A2s. , 2016, , 239-267.		0

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37	Structure-Function Relationship in Heterodimeric Neurotoxin PLA2s from Viperidae Snakes Inhabiting Europe, South America, and Asia. , 2016, , 269-289.		0
38	Functional expression, monodispersity and conformational changes in the SBMV virus viral VPg on binding TFE. International Journal of Biological Macromolecules, 2016, 83, 178-184.	7.5	0
39	Ac2-26 Mimetic Peptide of Annexin A1 Inhibits Local and Systemic Inflammatory Processes Induced by Bothrops moojeni Venom and the Lys-49 Phospholipase A2 in a Rat Model. PLoS ONE, 2015, 10, e0130803.	2.5	20
40	Venomomics of the Australian eastern brown snake (<i>Pseudonaja textilis</i>): Detection of new venom proteins and splicing variants. Toxicon, 2015, 107, 252-265.	1.6	28
41	Expression, purification and characterization of cold shock protein A of <i>Corynebacterium pseudotuberculosis</i> . Protein Expression and Purification, 2015, 112, 15-20.	1.3	13
42	Crystal structure of mature 2S albumin from <i>Moringa oleifera</i> seeds. Biochemical and Biophysical Research Communications, 2015, 468, 365-371.	2.1	43
43	Proteomic analysis of the rare Uracoan rattlesnake <i>Crotalus vegrandis</i> venom: Evidence of a broad arsenal of toxins. Toxicon, 2015, 107, 234-251.	1.6	35
44	Crystal structure of <i>Staphylococcus aureus</i> exfoliative toxin D-like protein: Structural basis for the high specificity of exfoliative toxins. Biochemical and Biophysical Research Communications, 2015, 467, 171-177.	2.1	13
45	Chemical and thermal influence of the [4Feâ€“4S] ₂₊ cluster of A/G-specific adenine glycosylase from <i>Corynebacterium pseudotuberculosis</i> . Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 393-400.	2.4	6
46	Structural Insights into Substrate Binding of Brown Spider Venom Class II Phospholipases D. Current Protein and Peptide Science, 2015, 16, 768-774.	1.4	16
47	Preparation and Characterization of Monomodal Grapevine Virus A Capsid Protein. Protein and Peptide Letters, 2015, 22, 712-718.	0.9	0
48	Elapid Snake Venom Analyses Show the Specificity of the Peptide Composition at the Level of Genera <i>Naja</i> and <i>Notechis</i> . Toxins, 2014, 6, 850-868.	3.4	20
49	Crystallization and preliminary X-ray diffraction studies of an<sc>L</sc>-amino-acid oxidase from<i>Lachesis muta</i> venom. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 1556-1559.	0.8	8
50	Crystallization and preliminary X-ray diffraction analysis of a novel sphingomyelinase D from <i>Loxosceles gaucho</i> venom. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 1418-1420.	0.8	8
51	P-I class metalloproteinase from <i>Bothrops moojeni</i> venom is a post-proline cleaving peptidase with kininogenase activity: Insights into substrate selectivity and kinetic behavior. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 545-552.	2.3	17
52	Recent advances in the understanding of brown spider venoms: From the biology of spiders to the molecular mechanisms of toxins. Toxicon, 2014, 83, 91-120.	1.6	116
53	<i>Pseudechis guttatus</i> venom proteome: Insights into evolution and toxin clustering. Journal of Proteomics, 2014, 110, 32-44.	2.4	20
54	Rapid purification of serine proteinases from <i>Bothrops alternatus</i> and <i>Bothrops moojeni</i> venoms. Toxicon, 2013, 76, 282-290.	1.6	17

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55	Crystal structure of Jararacussinâ€¦: The highly negatively charged catalytic interface contributes to macromolecular selectivity in snake venom thrombinâ€¦like enzymes. <i>Protein Science</i> , 2013, 22, 128-132.	7.6	19
56	Structure of the polypeptide crotamine from the Brazilian rattlesnake<i>Crotalus durissus terrificus</i>. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1958-1964.	2.5	37
57	BmooMPÎ±-I (Bothrops moojeni). , 2013, , 1001-1005.		1
58	Protein C Activators from Snake Venom. , 2013, , 3045-3048.		0
59	Purification, crystallization and preliminary X-ray diffraction analysis of crotamine, a myotoxic polypeptide from the Brazilian snake<i>Crotalus durissus terrificus</i>. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1052-1054.	0.7	14
60	Purification, crystallization and preliminary X-ray diffraction analysis of a class P-III metalloproteinase (BmMP-III) from the venom of<i>Bothrops moojeni</i>. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1222-1225.	0.7	6
61	Crystal structure of a dimeric Ser49 PLA2-like myotoxic component of the <i>Vipera ammodytes meridionalis</i> venomics reveals determinants of myotoxicity and membrane damaging activity. <i>Molecular BioSystems</i> , 2012, 8, 1405.	2.9	6
62	Crystallographic portrayal of different conformational states of a Lys49 phospholipase A2 homologue: Insights into structural determinants for myotoxicity and dimeric configuration. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 209-214.	7.5	17
63	Structural insights into selectivity and cofactor binding in snake venom l-amino acid oxidases. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 124-128.	2.1	25
64	Crystallization and preliminary X-ray diffraction analysis of anL-amino-acid oxidase fromBothrops jararacussuvenom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 211-213.	0.7	8
65	Molecular adaptability of nucleoside diphosphate kinase b from trypanosomatid parasites: stability, oligomerization and structural determinants of nucleotide binding. <i>Molecular BioSystems</i> , 2011, 7, 2189.	2.9	36
66	The structure of a native<sc>l</sc>-amino acid oxidase, the major component of the <i>Vipera ammodytes ammodytes</i> venomic, reveals dynamic active site and quaternary structure stabilization by divalent ions. <i>Molecular BioSystems</i> , 2011, 7, 379-384.	2.9	27
67	<i>Pseudechis australis</i> Venomics: Adaptation for a Defense against Microbial Pathogens and Recruitment of Body Transferrin. <i>Journal of Proteome Research</i> , 2011, 10, 2440-2464.	3.7	34
68	Structure of a novel class II phospholipase D: Catalytic cleft is modified by a disulphide bridge. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 622-627.	2.1	49
69	Three-Dimensional Modelling of Honeybee Venom Allergenic Proteases: Relation to Allergenicity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2011, 66, 305-312.	1.4	5
70	Enzymatic toxins from snake venom: structural characterization and mechanism of catalysis. <i>FEBS Journal</i> , 2011, 278, 4544-4576.	4.7	233
71	Venom peptide analysis of <i>Vipera ammodytes meridionalis</i> (Viperinae) and <i>Bothrops jararacussu</i> (Crotalinae) demonstrates subfamily-specificity of the peptidome in the family Viperidae. <i>Molecular BioSystems</i> , 2011, 7, 3298.	2.9	24
72	Crystallization and preliminary X-ray diffraction analysis of a class II phospholipase D from<i>Loxosceles intermedia</i>venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 234-236.	0.7	13

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73	Structural basis for branching enzyme activity of glycoside hydrolase family 57: Structure and stability studies of a novel branching enzyme from the hyperthermophilic archaeon <i>Thermococcus Kodakaraensis</i> KOD1. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 547-557.	2.6	54
74	Three-Dimensional Modelling of Honeybee Venom Allergenic Proteases: Relation to Allergenicity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2011, 66, 0305.	1.4	3
75	The Venomics of <i>Bothrops alternatus</i> is a Pool of Acidic Proteins with Predominant Hemorrhagic and Coagulopathic Activities. <i>Journal of Proteome Research</i> , 2010, 9, 2422-2437.	3.7	69
76	Structural studies of BmooMP1-L, a non-hemorrhagic metalloproteinase from <i>Bothrops moojeni</i> venom. <i>Toxicon</i> , 2010, 55, 361-368.	1.6	37
77	Snake Venomic of <i>Crotalus durissus terrificus</i> Correlation with Pharmacological Activities. <i>Journal of Proteome Research</i> , 2010, 9, 2302-2316.	3.7	60
78	Functional and structural analysis of two fibrinogen-activating enzymes isolated from the venoms of <i>Crotalus durissus terrificus</i> and <i>Crotalus durissus collilineatus</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2009, 41, 21-29.	2.0	21
79	Production, purification, crystallization and preliminary X-ray diffraction studies of the nucleoside diphosphate kinase b from <i>Leishmania major</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 1116-1119.	0.7	3
80	Snake venomics of the Siamese Russell's viper (<i>Daboia russelli siamensis</i>) Relation to pharmacological activities. <i>Journal of Proteomics</i> , 2009, 72, 256-269.	2.4	66
81	SMase II, a new sphingomyelinase D from <i>Loxosceles laeta</i> venom gland: Molecular cloning, expression, function and structural analysis. <i>Toxicon</i> , 2009, 53, 743-753.	1.6	38
82	Amino acid sequence and crystal structure of BaP1, a metalloproteinase from <i>Bothrops asper</i> snake venom that exerts multiple tissue-damaging activities. <i>Protein Science</i> , 2009, 12, 2273-2281.	7.6	110
83	Crystal Structure of Bucain, a Three-Fingered Toxin from the Venom of the Malayan Krait (<i>Bungarus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	
84	Proteome analysis of snake venom toxins: pharmacological insights. <i>Expert Review of Proteomics</i> , 2008, 5, 787-797.	3.0	77
85	Crystal structure of a novel myotoxic Arg49 phospholipase A2 homolog (zhaoermiatoxin) from <i>Zhaoermia mangshanensis</i> snake venom: Insights into Arg49 coordination and the role of Lys122 in the polarization of the C-terminus. <i>Toxicon</i> , 2008, 51, 723-735.	1.6	16
86	Biochemical and Structural Investigations of Bothropstoxin-II, a Myotoxic Asp49 Phospholipase A2 from <i>Bothrops jararacussu</i> Venom. <i>Protein and Peptide Letters</i> , 2008, 15, 1002-1008.	0.9	13
87	Purification, Biochemical and Functional Characterization of Miliin, a New Thiol-Dependent Serine Protease Isolated from the Latex of <i>Euphorbia mili</i> . <i>Protein and Peptide Letters</i> , 2008, 15, 724-730.	0.9	14
88	Interfacial surface charge and free accessibility to the PLA2-active site-like region are essential requirements for the activity of Lys49 PLA2 homologues. <i>Toxicon</i> , 2007, 49, 378-387.	1.6	58
89	Intermolecular Interactions and Characterization of the Novel Factor Xa Exosite Involved in Macromolecular Recognition and Inhibition: Crystal Structure of Human Gla-domainless Factor Xa Complexed with the Anticoagulant Protein NAPc2 from the Hematophagous Nematode <i>Ancylostoma caninum</i> . <i>Journal of Molecular Biology</i> , 2007, 366, 602-610.	4.2	36
90	Active and Exo-site Inhibition of Human Factor Xa: Structure of des-Gla Factor Xa Inhibited by NAP5, a Potent Nematode Anticoagulant Protein from <i>Ancylostoma caninum</i> . <i>Journal of Molecular Biology</i> , 2007, 371, 774-786.	4.2	25

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91	Crystallization and preliminary X-ray crystallographic analysis of the heterodimeric crotoxin complex and the isolated subunits crotopotin and phospholipase A2. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 287-290.	0.7	9
92	Crystallization and preliminary X-ray diffraction analysis of a novel Arg49 phospholipase A2 homologue from <i>Zhafermia mangshanensis</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 605-607.	0.7	2
93	Structural insights into the catalytic mechanism of sphingomyelinases D and evolutionary relationship to glycerophosphodiester phosphodiesterases. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 323-329.	2.1	63
94	Insights into metal ion binding in phospholipases A2: ultra high-resolution crystal structures of an acidic phospholipase A2 in the Ca ²⁺ free and bound states. <i>Biochimie</i> , 2006, 88, 543-549.	2.6	22
95	Kinetic and mechanistic characterization of the Sphingomyelinases D from <i>Loxosceles intermedia</i> spider venom. <i>Toxicon</i> , 2006, 47, 380-386.	1.6	19
96	Structure of myotoxin II, a catalytically inactive Lys49 phospholipase A2 homologue from <i>Atropoides nummifer</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 423-426.	0.7	10
97	Crystallization and preliminary X-ray crystallographic studies of Protac [®] , a commercial protein C activator isolated from <i>Agkistrodon contortrix contortrix</i> venom. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005, 1752, 202-204.	2.3	2
98	Mistletoe lectin I in complex with galactose and lactose reveals distinct sugar-binding properties. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 17-25.	0.7	22
99	Crystallization and preliminary X-ray crystallographic studies of the mesophilic xylanase A from <i>Bacillus subtilis</i> 1A1. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 219-220.	0.7	4
100	Thrombocytopenia and platelet hypoaggregation induced by <i>Bothrops asper</i> snake venom. <i>Thrombosis and Haemostasis</i> , 2005, 94, 123-131.	3.4	65
101	A Molecular Mechanism for Lys49-Phospholipase A2 Activity Based on Ligand-induced Conformational Change. <i>Journal of Biological Chemistry</i> , 2005, 280, 7326-7335.	3.4	66
102	Thrombomodulin-independent Activation of Protein C and Specificity of Hemostatically Active Snake Venom Serine Proteinases. <i>Journal of Biological Chemistry</i> , 2005, 280, 39309-39315.	3.4	43
103	Structural Basis for Metal Ion Coordination and the Catalytic Mechanism of Sphingomyelinases D. <i>Journal of Biological Chemistry</i> , 2005, 280, 13658-13664.	3.4	90
104	Inhibition of Myotoxic Activity of <i>Bothrops asper</i> Myotoxin II by the Anti-trypanosomal Drug Suramin. <i>Journal of Molecular Biology</i> , 2005, 350, 416-426.	4.2	106
105	Structural insights for fatty acid binding in a Lys49-phospholipase A2: crystal structure of myotoxin II from <i>Bothrops moojeni</i> complexed with stearic acid. <i>Biochimie</i> , 2005, 87, 161-167.	2.6	48
106	Correlation of temperature induced conformation change with optimum catalytic activity in the recombinant G/11 xylanase A from <i>Bacillus subtilis</i> strain 168 (1A1). <i>FEBS Letters</i> , 2005, 579, 6505-6510.	2.8	46
107	Purification and Characterization of Jararassin-I, A Thrombin-like Enzyme from <i>Bothrops jararaca</i> Snake Venom. <i>Acta Biochimica Et Biophysica Sinica</i> , 2004, 36, 798-802.	2.0	21
108	Crystallization and preliminary crystallographic analysis of SMase I, a sphingomyelinase from <i>Loxosceles laeta</i> spider venom. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 1112-1114.	2.5	5

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109	Crystallization and high-resolution X-ray diffraction data collection of an Asp49 PLA2 from Bothrops jararacussu venom both in the presence and absence of Ca ²⁺ ions. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1703, 79-81.	2.3	5
110	Crystallization of the Lys49 PLA2 homologue, myotoxin II, from the venom of <i>Atropoides nummifer</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1703, 87-89.	2.3	3
111	Crystallization and preliminary X-ray diffraction analysis of suramin, a highly charged polysulfonated naphthylurea, complexed with a myotoxic PLA2 from <i>Bothrops asper</i> venom. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1703, 83-85.	2.3	6
112	Crystal structure of an acidic platelet aggregation inhibitor and hypotensive phospholipase A2 in the monomeric and dimeric states: insights into its oligomeric state. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 24-31.	2.1	30
113	Structure of 2-keto-3-deoxy-6-phosphogluconate (KDPG) aldolase from <i>Pseudomonas putida</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1454-1458.	2.5	7
114	Initial structural analysis of an $\hat{1}\pm 4\hat{1}^{24}$ C-type lectin from the venom of <i>Crotalus durissus terrificus</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1813-1815.	2.5	2
115	A structure based model for liposome disruption and the role of catalytic activity in myotoxic phospholipase A2s. <i>Toxicon</i> , 2003, 42, 903-913.	1.6	38
116	Crystal structure of the platelet activator convulxin, a disulfide-linked $\hat{1}\pm 4\hat{1}^{24}$ cyclic tetramer from the venom of <i>Crotalus durissus terrificus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 478-482.	2.1	55
117	Isolation, characterization and biological activity of acidic phospholipase A2 isoforms from <i>Bothrops jararacussu</i> snake venom. <i>Biochimie</i> , 2003, 85, 983-991.	2.6	45
118	Initiating Structural Studies Of Lys49-Pla2 Homologues Complexed With An Anionic Detergent, A Fatty Acid And A Natural Lipid. <i>Protein and Peptide Letters</i> , 2003, 10, 525-530.	0.9	7
119	The X-ray Crystallographic Structure of <i>Escherichia coli</i> Branching Enzyme. <i>Journal of Biological Chemistry</i> , 2002, 277, 42164-42170.	3.4	113
120	The crystal chemistry of Mn ³⁺ in the clino- and orthoisoite structure types, Ca ₂ Mn ₃ 3+[OH O SiO ₄ Si ₂ O ₇]: A structural and spectroscopic study of some natural piemontites and $\hat{1}\pm 4\hat{1}^{24}$ and their synthetic equivalents. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2002, 217, 563-580.	0.8	25
121	Purification, characterization and crystallization of Jararacussin-I, a fibrinogen-clotting enzyme isolated from the venom of <i>Bothrops jararacussu</i> . <i>Toxicon</i> , 2002, 40, 1307-1312.	1.6	36
122	The X-ray Crystallographic Structure of the Angiogenesis Inhibitor Angiostatin. <i>Journal of Molecular Biology</i> , 2002, 318, 1009-1017.	4.2	35
123	Crystallization and preliminary diffraction data of BaP1, a haemorrhagic metalloproteinase from <i>Bothrops asper</i> snake venom. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 1034-1035.	2.5	2
124	Crystallization of bothrombin, a fibrinogen-converting serine protease isolated from the venom of <i>Bothrops jararaca</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 1036-1038.	2.5	6
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