

# Raghuvir K Arni

## List of Publications by Year in descending order

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158  
papers

4,653  
citations

94433

37  
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128289

60  
g-index

165  
all docs

165  
docs citations

165  
times ranked

3575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phospholipase A2â€™a structural review. <i>Toxicon</i> , 1996, 34, 827-841.	1.6	337
2	Enzymatic toxins from snake venom: structural characterization and mechanism of catalysis. <i>FEBS Journal</i> , 2011, 278, 4544-4576.	4.7	233
3	Recent advances in the understanding of brown spider venoms: From the biology of spiders to the molecular mechanisms of toxins. <i>Toxicon</i> , 2014, 83, 91-120.	1.6	116
4	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
5	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
6	Structures of the noncovalent complexes of human and bovine prothrombin fragment 2 with human PPACK-thrombin. <i>Biochemistry</i> , 1993, 32, 4727-4737.	2.5	109
7	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
8	A rapid procedure for the isolation of the Lys-49 myotoxin II from <i>Bothrops moojeni</i> (caissaca) venom: Biochemical characterization, crystallization, myotoxic and edematogenic activity. <i>Toxicon</i> , 1998, 36, 503-514.	1.6	105
9	Dissociation of Enzymatic and Pharmacological Properties of Piratoxins-I and -III, Two Myotoxic Phospholipases A2 from <i>Bothrops pirajai</i> Snake Venom. <i>Archives of Biochemistry and Biophysics</i> , 2001, 387, 188-196.	3.0	98
10	Structural and Functional Characterization of Myotoxin I, a Lys49 Phospholipase A2 Homologue from <i>Bothrops moojeni</i> (Caissaca) Snake Venom. <i>Archives of Biochemistry and Biophysics</i> , 2000, 373, 7-15.	3.0	95
11	Crystallographic and spectroscopic characterization of a molecular hinge: Conformational changes in bothroptoxin I, a dimeric Lys49-phospholipase A2 homologue. , 1998, 30, 442-454.		91
12	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
13	Structure of a calcium-independent phospholipase-like myotoxic protein from <i>Bothrops asper</i> venom. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1995, 51, 311-317.	2.5	81
14	Proteome analysis of snake venom toxins: pharmacological insights. <i>Expert Review of Proteomics</i> , 2008, 5, 787-797.	3.0	77
15	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
16	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
17	Snake venomics of the Siamese Russell's viper ( <i>Daboia russelli siamensis</i> ) â€™ Relation to pharmacological activities. <i>Journal of Proteomics</i> , 2009, 72, 256-269.	2.4	66
18	Thrombocytopenia and platelet hypoaggregation induced by <i>Bothrops asper</i> snake venom. <i>Thrombosis and Haemostasis</i> , 2005, 94, 123-131.	3.4	65

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19	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
20	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
21	Crystal Structure of Myotoxin II, a Monomeric Lys49-Phospholipase A2 Homologue Isolated from the Venom of Cerrophidion (Bothrops) godmani. <i>Archives of Biochemistry and Biophysics</i> , 1999, 366, 177-182.	3.0	61
22	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
23	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
24	Crystal structure of the platelet activator convulxin, a disulfide-linked $\beta$ -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
25	Highly Selective Mechanism-Based Thrombin Inhibitors: Structures of Thrombin and Trypsin Inhibited with Rigid Peptidyl Aldehydes. <i>Biochemistry</i> , 1998, 37, 12094-12103.	2.5	54
26	A SequenceSpace analysis of Lys49 phospholipases A2: clues towards identification of residues involved in a novel mechanism of membrane damage and in myotoxicity. <i>Protein Engineering, Design and Selection</i> , 1998, 11, 285-294.	2.1	54
27	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
28	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
29	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
30	At the interface: Crystal structures of phospholipases A2. <i>Toxicon</i> , 1998, 36, 1623-1633.	1.6	47
31	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
32	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
33	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
34	Crystal structure of mature 2S albumin from <i>Moringa oleifera</i> seeds. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 365-371.	2.1	43
35	Natural Products Isolated from Oriental Medicinal Herbs Inactivate Zika Virus. <i>Viruses</i> , 2019, 11, 49.	3.3	41
36	Structure of a Lys49-Phospholipase A2 homologue isolated from the venom of <i>Bothrops nummifer</i> (jumping viper). <i>Toxicon</i> , 1999, 37, 371-384.	1.6	40

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37	Restrained least-squares refinement of the crystal structure of the ribonuclease T1*2'-guanylic acid complex at 1Å.9 Å... resolution. <i>Acta Crystallographica Section B: Structural Science</i> , 1987, 43, 548-554.	1.8	39
38	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
39	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
40	Crystal structure of piratoxin-I: A calcium-independent, myotoxic phospholipase A2-homologue from <i>Bothrops pirajai</i> venom. <i>Toxicon</i> , 1998, 36, 1395-1406.	1.6	37
41	Structural studies of BmooMP1±-I, a non-hemorrhagic metalloproteinase from <i>Bothrops moojeni</i> venom. <i>Toxicon</i> , 2010, 55, 361-368.	1.6	37
42	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
43	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
44	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
45	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
46	The X-ray Crystallographic Structure of the Angiogenesis Inhibitor Angiostatin. <i>Journal of Molecular Biology</i> , 2002, 318, 1009-1017.	4.2	35
47	Proteomic analysis of the rare Uracoan rattlesnake <i>Crotalus vegrandis</i> venom: Evidence of a broad arsenal of toxins. <i>Toxicon</i> , 2015, 107, 234-251.	1.6	35
48	<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
49	Forty Years of the Description of Brown Spider Venom Phospholipases-D. <i>Toxins</i> , 2020, 12, 164.	3.4	33
50	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
51	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
52	Venomics of the Australian eastern brown snake ( <i>Pseudonaja textilis</i> ): Detection of new venom proteins and splicing variants. <i>Toxicon</i> , 2015, 107, 252-265.	1.6	28
53	The Repurposed Drugs Suramin and Quinacrine Cooperatively Inhibit SARS-CoV-2 3CLpro In Vitro. <i>Viruses</i> , 2021, 13, 873.	3.3	28
54	The structure of a native <i>scp</i> -amino acid oxidase, the major component of the <i>Vipera ammodytes ammodytes</i> venom, reveals dynamic active site and quaternary structure stabilization by divalent ions. <i>Molecular BioSystems</i> , 2011, 7, 379-384.	2.9	27

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55	Sequence of a cDNA encoding bothropstoxin I, a myotoxin from the venom of <i>Bothrops jararacussu</i> . <i>Gene</i> , 1995, 156, 305-306.	2.2	26
56	Potential Implications for Designing Drugs Against the Brown Spider Venom Phospholipase. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 726-738.	2.6	26
57	Structure of the non-covalent complex of prothrombin kringle 2 with PPACK-thrombin. <i>Chemistry and Physics of Lipids</i> , 1994, 67-68, 59-66.	3.2	25
58	Amino acid sequence of a myotoxic Lys49-phospholipase A2 homologue from the venom of <i>Cerrophidion (Bothrops) godmani</i> . <i>BBA - Proteins and Proteomics</i> , 1998, 1384, 204-208.	2.1	25
59	The crystal chemistry of Mn <sup>3+</sup> in the clino- and orthoisoite structure types, Ca <sub>2</sub> Mn <sub>3</sub> [OH   O   SiO <sub>4</sub>   Si <sub>2</sub> O <sub>7</sub> ]: A structural and spectroscopic study of some natural piemontites and ethulites and their synthetic equivalents. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2002, 217, 563-580.	0.8	25
60	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
61	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
62	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
63	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
64	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
65	Tertiary Structural Changes of the $\beta$ -Hemolysin from <i>Staphylococcus aureus</i> Association with Liposome Membranes. <i>Archives of Biochemistry and Biophysics</i> , 1998, 351, 47-52.	3.0	23
66	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
67	Insights into metal ion binding in phospholipases A2: ultra high-resolution crystal structures of an acidic phospholipase A2 in the Ca <sup>2+</sup> free and bound states. <i>Biochimie</i> , 2006, 88, 543-549.	2.6	22
68	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
69	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
70	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
71	Elapid Snake Venom Analyses Show the Specificity of the Peptide Composition at the Level of Genera <i>Naja</i> and <i>Notechis</i> . <i>Toxins</i> , 2014, 6, 850-868.	3.4	20
72	<i>Pseudechis guttatus</i> venom proteome: Insights into evolution and toxin clustering. <i>Journal of Proteomics</i> , 2014, 110, 32-44.	2.4	20

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73	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. <i>PLoS ONE</i> , 2015, 10, e0130803.	2.5	20
74	Serine proteinases from Bothrops snake venom activates PI3K/Akt mediated angiogenesis. <i>Toxicon</i> , 2016, 124, 63-72.	1.6	20
75	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
76	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
77	Crystal structure of Jararacussin: The highly negatively charged catalytic interface contributes to macromolecular selectivity in snake venom thrombin-like enzymes. <i>Protein Science</i> , 2013, 22, 128-132.	7.6	19
78	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
79	Three-Dimensional Structure of Ribonuclease T1 Complexed with an Isosteric Phosphonate Substrate Analogue of GpU: Alternate Substrate Binding Modes and Catalysis. <i>Biochemistry</i> , 1999, 38, 2452-2461.	2.5	17
80	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
81	Rapid purification of serine proteinases from <i>Bothrops alternatus</i> and <i>Bothrops moojeni</i> venoms. <i>Toxicon</i> , 2013, 76, 282-290.	1.6	17
82	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. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 545-552.	2.3	17
83	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
84	Crystallization and preliminary diffraction data of two myotoxins isolated from the venoms of <i>Bothrops Asper</i> (terciopelo) and <i>Bothrops Nummifer</i> (jumping viper). <i>Toxicon</i> , 1993, 31, 1061-1064.	1.6	16
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	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
87	Structural Insights into Substrate Binding of Brown Spider Venom Class II Phospholipases D. <i>Current Protein and Peptide Science</i> , 2015, 16, 768-774.	1.4	16
88	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
89	Purification, Biochemical and Functional Characterization of Miliin, a New Thiol-Dependent Serine Protease Isolated from the Latex of <i>Euphorbia milii</i> . <i>Protein and Peptide Letters</i> , 2008, 15, 724-730.	0.9	14
90	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

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91	Structure of thrombin complexed with selective non-electrophilic inhibitors having cyclohexyl moieties at P1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000, 56, 294-303.	2.5	13
92	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
93	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
94	Expression, purification and characterization of cold shock protein A of <i>Corynebacterium pseudotuberculosis</i> . <i>Protein Expression and Purification</i> , 2015, 112, 15-20.	1.3	13
95	Crystal structure of <i>Staphylococcus aureus</i> exfoliative toxin D-like protein: Structural basis for the high specificity of exfoliative toxins. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 171-177.	2.1	13
96	Crystallization and preliminary diffraction data of bothropstoxin I isolated from the venom of <i>Bothrops jararacussu</i> . <i>Toxicon</i> , 1995, 33, 383-386.	1.6	12
97	Three-dimensional structure of Gln25-ribonuclease T1 at 1.84-Å resolution: structural variations at the base recognition and catalytic sites. <i>Biochemistry</i> , 1992, 31, 3126-3135.	2.5	10
98	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
99	Exfoliative Toxins of <i>Staphylococcus aureus</i> . , 0, , .		10
100	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
101	Promising Natural Compounds against Flavivirus Proteases: Citrus Flavonoids Hesperetin and Hesperidin. <i>Plants</i> , 2021, 10, 2183.	3.5	9
102	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
103	Crystallization and preliminary X-ray diffraction analysis of an L-amino-acid oxidase from <i>Bothrops jararacussu</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 211-213.	0.7	8
104	Crystallization and preliminary X-ray diffraction studies of an L-amino-acid oxidase from <i>Lachesis muta</i> venom. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1556-1559.	0.8	8
105	Crystallization and preliminary X-ray diffraction analysis of a novel sphingomyelinase D from <i>Loxosceles gaucho</i> venom. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1418-1420.	0.8	8
106	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
107	Crystallization of piratoxin I, a myotoxic Lys49-phospholipase A2 homologue isolated from the venom of <i>Bothrops pirajai</i> . <i>Toxicon</i> , 1998, 36, 547-551.	1.6	7
108	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

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109	Crystal Structure of Bucain, a Three-Fingered Toxin from the Venom of the Malayan Krait (Bungarus) Tj ETQq1 1 0.784314 rgBT /Over	0.9	7
110	Exploring the Binding Mechanism of Flavonoid Quercetin to Phospholipase A2: Fluorescence Spectroscopy and Computational Approach. European Journal of Experimental Biology, 2017, 07, .	0.3	7
111	Brown Spidersâ€™ Phospholipases-D with Potential Therapeutic Applications: Functional Assessment of Mutant Isoforms. Biomedicines, 2021, 9, 320.	3.2	7
112	Initiating Structural Studies Of Lys49-Pla2 Homologues Complexed With An Anionic Detergent, A Fatty Acid And A Natural Lipid. Protein and Peptide Letters, 2003, 10, 525-530.	0.9	7
113	Purification and partial characterization of cathepsin D from porcine (Sus scrofa) liver using affinity chromatography. IUBMB Life, 1998, 45, 797-803.	3.4	6
114	Crystallization of bothrombin, a fibrinogen-converting serine protease isolated from the venom of Bothrops jararaca. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 1036-1038.	2.5	6
115	Crystallization and preliminary X-ray diffraction analysis of suramin, a highly charged polysulfonated naphthylurea, complexed with a myotoxic PLA2 from Bothrops asper venom. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1703, 83-85.	2.3	6
116	Purification, crystallization and preliminary X-ray diffraction analysis of a class P-III metalloproteinase (BmMP-III) from the venom of Bothrops moojeni. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 1222-1225.	0.7	6
117	Crystal structure of a dimeric Ser49 PLA2-like myotoxic component of the Vipera ammodytes meridionalis venomics reveals determinants of myotoxicity and membrane damaging activity. Molecular BioSystems, 2012, 8, 1405.	2.9	6
118	Chemical and thermal influence of the [4Feâ€“4S]2+ cluster of A/G-specific adenine glycosylase from Corynebacterium pseudotuberculosis. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 393-400.	2.4	6
119	Bacterial and Arachnid Sphingomyelinases D: Comparison of Biophysical and Pathological Activities. Journal of Cellular Biochemistry, 2017, 118, 2053-2063.	2.6	6
120	Biochemical and biophysical characterization of a mycoredoxin protein glutaredoxin A1 from Corynebacterium pseudotuberculosis. International Journal of Biological Macromolecules, 2018, 107, 1999-2007.	7.5	6
121	Structure and interaction of Corynebacterium pseudotuberculosis cold shock protein A with a single-stranded DNA fragment. FEBS Journal, 2018, 285, 372-390.	4.7	6
122	Modeling and molecular dynamics indicate that snake venom phospholipase B-like enzymes are Ntn-hydrolases. Toxicon, 2018, 153, 106-113.	1.6	6
123	Binding studies of a putative C. pseudotuberculosis target protein from Vitamin B12 Metabolism. Scientific Reports, 2019, 9, 6350.	3.3	6
124	P-I metalloproteinases and L-amino acid oxidases from Bothrops species inhibit angiogenesis. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2021, 27, e20200180.	1.4	6
125	Crystallization and initial crystallographic results for pepstatin A inhibited bovine cathepsin D. Journal of Molecular Biology, 1992, 227, 1265-1268.	4.2	5
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