

Juan Calvete

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12611/publications.pdf>

Version: 2024-02-01

433
papers

23,010
citations

6592

79
h-index

17055

122
g-index

465
all docs

465
docs citations

465
times ranked

10915
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraspecific venom variation of Mexican West Coast Rattlesnakes (<i>Crotalus basiliscus</i>) and its implications for antivenom production. <i>Biochimie</i> , 2022, 192, 111-124.	1.3	6
2	Analytical strategies in venomics. <i>Microchemical Journal</i> , 2022, 175, 107187.	2.3	19
3	Interpopulational variation and ontogenetic shift in the venom composition of Lataste's viper (<i>Vipera</i>) Tj ETQq1 1 0,784314 rgBT /Over	1.2	8
4	The earless monitor lizard <i>Lanthanotus borneensis</i> – A venomous animal?. <i>Toxicon</i> , 2021, 189, 73-78.	0.8	3
5	Convergent evolution of pain-inducing defensive venom components in spitting cobras. <i>Science</i> , 2021, 371, 386-390.	6.0	96
6	Antivenomics and in vivo preclinical efficacy of six Latin American antivenoms towards south-western Colombian <i>Bothrops asper</i> lineage venoms. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009073.	1.3	17
7	Seminal Plasma: Relevant for Fertility?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4368.	1.8	56
8	What's in a mass?. <i>Biochemical Society Transactions</i> , 2021, 49, 1027-1037.	1.6	3
9	Comparative venomics and preclinical efficacy evaluation of a monospecific <i>Hemachatus</i> antivenom towards sub-Saharan Africa cobra venoms. <i>Journal of Proteomics</i> , 2021, 240, 104196.	1.2	7
10	Mutual enlightenment: A toolbox of concepts and methods for integrating evolutionary and clinical toxinology via snake venomics and the contextual stance. <i>Toxicon: X</i> , 2021, 9-10, 100070.	1.2	21
11	Venomics of the poorly studied hognosed pitvipers <i>Porthidium arcosae</i> and <i>Porthidium volcanicum</i> . <i>Journal of Proteomics</i> , 2021, 249, 104379.	1.2	2
12	Combined Molecular and Elemental Mass Spectrometry Approaches for Absolute Quantification of Proteomes: Application to the Venomics Characterization of the Two Species of Desert Black Cobras, <i>Walterinnesia aegyptia</i> and <i>Walterinnesia morgani</i> . <i>Journal of Proteome Research</i> , 2021, 20, 5064-5078.	1.8	10
13	Venom variation in <i>Bothrops asper</i> lineages from North-Western South America. <i>Journal of Proteomics</i> , 2020, 229, 103945.	1.2	19
14	Repurposing DMPS, a metal chelator, as a rapid field intervention for treating hemotoxic snakebite. <i>Toxicon</i> , 2020, 177, S21.	0.8	0
15	Danger in the Canopy. Comparative Proteomics and Bioactivities of the Venoms of the South American Palm Pit Viper <i>Bothrops bilineatus</i> Subspecies <i>bilineatus</i> and <i>smaragdinus</i> and Antivenomics of <i>B. b. bilineatus</i> (Rondônia) Venom against the Brazilian Pentabothropic Antivenom. <i>Journal of Proteome Research</i> , 2020, 19, 3518-3532.	1.8	11
16	The molecular basis of venom resistance in a rattlesnake-squirrel predator-prey system. <i>Toxicon</i> , 2020, 177, S46.	0.8	1
17	Preclinical validation of a repurposed metal chelator as an early-intervention therapeutic for hemotoxic snakebite. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	66
18	Comparative characterization of Viperidae snake venoms from Perú reveals two compositional patterns of phospholipase A2 expression. <i>Toxicon: X</i> , 2020, 7, 100044.	1.2	20

#	ARTICLE	IF	CITATIONS
19	Venomomics and biochemical analysis of the black-tailed horned pitviper, <i>Mixcoatlus melanurus</i> , and characterization of Melanurutoxin, a novel crotoxin homolog. <i>Journal of Proteomics</i> , 2020, 225, 103865.	1.2	7
20	Isolation and characterization of cytotoxic and insulin-releasing components from the venom of the black-necked spitting cobra <i>Naja nigricollis</i> (Elapidae). <i>Toxicon: X</i> , 2020, 6, 100030.	1.2	19
21	The molecular basis of venom resistance in a rattlesnake–squirrel predator–prey system. <i>Molecular Ecology</i> , 2020, 29, 2871-2888.	2.0	23
22	Venomomics of the Duvernoy's gland secretion of the false coral snake <i>Rhinobothryum bovallii</i> (Andersson, 1916) and assessment of venom lethality towards synapsid and diapsid animal models. <i>Journal of Proteomics</i> , 2020, 225, 103882.	1.2	12
23	Comparative proteomic profiling and functional characterization of venom pooled from captive <i>Crotalus durissus terrificus</i> specimens and the Brazilian crotalic reference venom. <i>Toxicon</i> , 2020, 185, 26-35.	0.8	9
24	Dagestan blunt-nosed viper, <i>Macrovipera lebetina obtusa</i> (Dwigubsky, 1832), venom. Venomomics, antivenomics, and neutralization assays of the lethal and toxic venom activities by anti- <i>Macrovipera lebetina turanica</i> and anti- <i>Vipera berus berus</i> antivenoms. <i>Toxicon: X</i> , 2020, 6, 100035.	1.2	13
25	Venomomics and antivenomics of the poorly studied Brazil's lancehead, <i>Bothrops brazili</i> (Hoge, 1954), from the Brazilian State of Pará. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20190103.	0.8	14
26	Ultra-long reads DNA sequencing with MinION nanopore device allowed to assemble full length BAC clones containing SVMP clusters. <i>Toxicon</i> , 2019, 168, S42.	0.8	0
27	Phylovenomics of <i>Daboia russelii</i> across the Indian subcontinent. Bioactivities and comparative in vivo neutralization and in vitro third-generation antivenomics of antivenoms against venoms from India, Bangladesh and Sri Lanka. <i>Journal of Proteomics</i> , 2019, 207, 103443.	1.2	67
28	Comparative venomomics of Brazilian coral snakes: <i>Micrurus frontalis</i> , <i>Micrurus spixii spixii</i> , and <i>Micrurus surinamensis</i> . <i>Toxicon</i> , 2019, 166, 39-45.	0.8	22
29	When one phenotype is not enough: divergent evolutionary trajectories govern venom variation in a widespread rattlesnake species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182735.	1.2	64
30	Journal of Proteomics turns 10: Happy anniversary! and beyond. <i>Journal of Proteomics</i> , 2019, 198, iii.	1.2	0
31	New insights into the phylogeographic distribution of the 3FTx/PLA2 venom dichotomy across genus <i>Micrurus</i> in South America. <i>Journal of Proteomics</i> , 2019, 200, 90-101.	1.2	34
32	<i>Vipera berus berus</i> Venom from Russia: Venomomics, Bioactivities and Preclinical Assessment of Microgen Antivenom. <i>Toxins</i> , 2019, 11, 90.	1.5	27
33	The Harderian gland transcriptomes of <i>Caraiba andreae</i> , <i>Cubophis cantherigerus</i> and <i>Tretanorhinus variabilis</i> , three colubroid snakes from Cuba. <i>Genomics</i> , 2019, 111, 1720-1727.	1.3	10
34	Third-generation antivenomics analysis of the preclinical efficacy of Bothrofav® antivenom towards <i>Bothrops lanceolatus</i> venom. <i>Toxicon: X</i> , 2019, 1, 100004.	1.2	4
35	Enhanced Universal Quantification of Biomolecules Using Element MS and Generic Standards: Application to Intact Protein and Phosphoprotein Determination. <i>Analytical Chemistry</i> , 2019, 91, 1105-1112.	3.2	11
36	Defining the pathogenic threat of envenoming by South African shield-nosed and coral snakes (genus <i>Tj</i> ETQq0 0 0 rgBT /Overlock 10 T 186-198.	1.2	29

#	ARTICLE	IF	CITATIONS
37	Snake venomomics at the crossroads between ecological and clinical toxinology. <i>Biochemist</i> , 2019, 41, 28-33.	0.2	9
38	The paraspecific neutralisation of snake venom induced coagulopathy by antivenoms. <i>Communications Biology</i> , 2018, 1, 34.	2.0	89
39	Transcriptomics-guided bottom-up and top-down venomomics of neonate and adult specimens of the arboreal rear-fanged Brown Treesnake, <i>Boiga irregularis</i> , from Guam. <i>Journal of Proteomics</i> , 2018, 174, 71-84.	1.2	47
40	Toxin-resolved antivenomics-guided assessment of the immunorecognition landscape of antivenoms. <i>Toxicon</i> , 2018, 148, 107-122.	0.8	38
41	The medical threat of mamba envenoming in sub-Saharan Africa revealed by genus-wide analysis of venom composition, toxicity and antivenomics profiling of available antivenoms. <i>Journal of Proteomics</i> , 2018, 172, 173-189.	1.2	80
42	A synthetic biology approach for consistent production of plant-made recombinant polyclonal antibodies against snake venom toxins. <i>Plant Biotechnology Journal</i> , 2018, 16, 727-736.	4.1	30
43	Examination of biochemical and biological activities of <i>Bothrops jararaca</i> (Serpentes: Viperidae;) Tj ETQq1 1 0.784314 rgBT / Qverlock 10 0.8 7	0.8	14
44	Venom gland transcriptomics and microRNA profiling of juvenile and adult yellow-bellied sea snake, <i>Hydrophis platurus</i> , from Playa del Coco (Guanacaste, Costa Rica). <i>Toxicon</i> , 2018, 153, 96-105.	0.8	14
45	Translational Venomomics: Third-Generation Antivenomics of Anti-Siamese Russell's Viper, <i>Daboia siamensis</i> , Antivenom Manufactured in Taiwan CDC's Vaccine Center. <i>Tropical Medicine and Infectious Disease</i> , 2018, 3, 66.	0.9	20
46	Snake venomomics "from low-resolution toxin-pattern recognition to toxin-resolved venom proteomes with absolute quantification. <i>Expert Review of Proteomics</i> , 2018, 15, 555-568.	1.3	30
47	Venom Complexity in a Pitviper Produced by Facultative Parthenogenesis. <i>Scientific Reports</i> , 2018, 8, 11539.	1.6	14
48	A novel pentameric phospholipase A2 myotoxin (PophPLA2) from the venom of the pit viper <i>Porthidium ophryomegas</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1-8.	3.6	8
49	What killed Karl Patterson Schmidt? Combined venom gland transcriptomic, venomomic and antivenomic analysis of the South African green tree snake (the boomslang), <i>Dispholidus typus</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 814-823.	1.1	56
50	Venomomics: integrative venom proteomics and beyond. <i>Biochemical Journal</i> , 2017, 474, 611-634.	1.7	153
51	Protein-species quantitative venomomics: looking through a crystal ball. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 27.	0.8	26
52	Strategies in "snake venomomics" aiming at an integrative view of compositional, functional, and immunological characteristics of venoms. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 26.	0.8	113
53	Absolute venomomics: Absolute quantification of intact venom proteins through elemental mass spectrometry. <i>Journal of Proteomics</i> , 2017, 164, 33-42.	1.2	42
54	Snakebite envenoming. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17063.	18.1	608

#	ARTICLE	IF	CITATIONS
55	Integrated Venomics and Venom Gland Transcriptome Analysis of Juvenile and Adult Mexican Rattlesnakes <i>Crotalus simus</i> , <i>C. tzabcan</i> , and <i>C. culminatus</i> Revealed miRNA-modulated Ontogenetic Shifts. <i>Journal of Proteome Research</i> , 2017, 16, 3370-3390.	1.8	82
56	Proteomic analysis of venom variability and ontogeny across the arboreal palm-pitvipers (genus <i>Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 7</i>)	1.2	44
57	Selection for higher fertility reflects in the seminal fluid proteome of modern domestic chicken. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 21, 27-40.	0.4	14
58	Proteomics and antivenomics of Papuan black snake (<i>Pseudechis papuanus</i>) venom with analysis of its toxicological profile and the preclinical efficacy of Australian antivenoms. <i>Journal of Proteomics</i> , 2017, 150, 201-215.	1.2	22
59	Drought Tolerance in <i>Pinus halepensis</i> Seed Sources As Identified by Distinctive Physiological and Molecular Markers. <i>Frontiers in Plant Science</i> , 2017, 8, 1202.	1.7	38
60	Third Generation Antivenomics: Pushing the Limits of the In Vitro Preclinical Assessment of Antivenoms. <i>Toxins</i> , 2017, 9, 158.	1.5	45
61	Preclinical Evaluation of the Efficacy of Antivenoms for Snakebite Envenoming: State-of-the-Art and Challenges Ahead. <i>Toxins</i> , 2017, 9, 163.	1.5	109
62	Venom On-a-Chip: A Fast and Efficient Method for Comparative Venomics. <i>Toxins</i> , 2017, 9, 179.	1.5	17
63	Cross-reactivity, antivenomics, and neutralization of toxic activities of <i>Lachesis</i> venoms by polyspecific and monospecific antivenoms. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005793.	1.3	25
64	Is Hybridization a Source of Adaptive Venom Variation in Rattlesnakes? A Test, Using a <i>Crotalus scutulatus</i> — <i>viridis</i> Hybrid Zone in Southwestern New Mexico. <i>Toxins</i> , 2016, 8, 188.	1.5	29
65	Insights into the Evolution of a Snake Venom Multi-Gene Family from the Genomic Organization of <i>Echis ocellatus</i> SVMP Genes. <i>Toxins</i> , 2016, 8, 216.	1.5	16
66	Snake Venomics and Antivenomics of <i>Bothrops diporus</i> , a Medically Important Pitviper in Northeastern Argentina. <i>Toxins</i> , 2016, 8, 9.	1.5	22
67	Novel Catalytically-Inactive PII Metalloproteinases from a Viperid Snake Venom with Substitutions in the Canonical Zinc-Binding Motif. <i>Toxins</i> , 2016, 8, 292.	1.5	8
68	Venomic Analysis of the Poorly Studied Desert Coral Snake, <i>Micrurus tschudii</i> , Supports the 3FTx/PLA2 Dichotomy across <i>Micrurus</i> Venoms. <i>Toxins</i> , 2016, 8, 178.	1.5	44
69	Preclinical evaluation of three polyspecific antivenoms against the venom of <i>Echis ocellatus</i> : Neutralization of toxic activities and antivenomics. <i>Toxicon</i> , 2016, 119, 280-288.	0.8	28
70	Elemental Mass Spectrometry for Absolute Intact Protein Quantification without Protein-Specific Standards: Application to Snake Venomics. <i>Analytical Chemistry</i> , 2016, 88, 9699-9706.	3.2	47
71	Venoms of <i>Micrurus</i> coral snakes: Evolutionary trends in compositional patterns emerging from proteomic analyses. <i>Toxicon</i> , 2016, 122, 7-25.	0.8	89
72	The challenge of integrating proximate and ultimate causes to reconstruct the natural histories of venoms: the evolutionary link. <i>Expert Review of Proteomics</i> , 2016, 13, 1059-1061.	1.3	2

#	ARTICLE	IF	CITATIONS
73	Top-down venomomics of the East African green mamba, <i>Dendroaspis angusticeps</i> , and the black mamba, <i>Dendroaspis polylepis</i> , highlight the complexity of their toxin arsenals. <i>Journal of Proteomics</i> , 2016, 146, 148-164.	1.2	60
74	Identification of the major proteins present in the seminal plasma of European eel, and how hormonal treatment affects their evolution. Correlation with sperm quality. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 201, 37-45.	0.8	5
75	Distribution of RPTLN Genes Across Reptilia: Hypothesized Role for RPTLN in the Evolution of SVMs. <i>Integrative and Comparative Biology</i> , 2016, 56, 989-1003.	0.9	8
76	Characterization of a novel snake venom component: Kazal-type inhibitor-like protein from the arboreal pitviper <i>Bothriechis schlegelii</i> . <i>Biochimie</i> , 2016, 125, 83-90.	1.3	13
77	Ecological proteomics: is the field ripe for integrating proteomics into evolutionary ecology research?. <i>Journal of Proteomics</i> , 2016, 135, 1-3.	1.2	19
78	Combined venomomics, venom gland transcriptomics, bioactivities, and antivenomics of two <i>Bothrops jararaca</i> populations from geographic isolated regions within the Brazilian Atlantic rainforest. <i>Journal of Proteomics</i> , 2016, 135, 73-89.	1.2	110
79	A Call for Incorporating Social Research in the Global Struggle against Snakebite. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003960.	1.3	34
80	Computational proteomics: Integrating mass spectral data into a biological context. <i>Journal of Proteomics</i> , 2015, 129, 1-2.	1.2	0
81	First crotoxin-like phospholipase A2 complex from a New World non-rattlesnake species: Nigroviriditoxin, from the arboreal Neotropical snake <i>Bothriechis nigroviridis</i> . <i>Toxicon</i> , 2015, 93, 144-154.	0.8	23
82	Tissue Localization and Extracellular Matrix Degradation by PI, PII and PIII Snake Venom Metalloproteinases: Clues on the Mechanisms of Venom-Induced Hemorrhage. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003731.	1.3	79
83	Venom Proteomics of Indonesian King Cobra, <i>Ophiophagus hannah</i> : Integrating Top-Down and Bottom-Up Approaches. <i>Journal of Proteome Research</i> , 2015, 14, 2539-2556.	1.8	90
84	Anti-angiogenic activities of snake venom CRISP isolated from <i>Echis carinatus sochureki</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 1169-1179.	1.1	23
85	Comparative venomomics of the Prairie Rattlesnake (<i>Crotalus viridis viridis</i>) from Colorado: Identification of a novel pattern of ontogenetic changes in venom composition and assessment of the immunoreactivity of the commercial antivenom CroFab®. <i>Journal of Proteomics</i> , 2015, 121, 28-43.	1.2	70
86	Evaluation of the preclinical efficacy of four antivenoms, distributed in sub-Saharan Africa, to neutralize the venom of the carpet viper, <i>Echis ocellatus</i> , from Mali, Cameroon, and Nigeria. <i>Toxicon</i> , 2015, 106, 97-107.	0.8	31
87	Constructing comprehensive venom proteome reference maps for integrative venomomics. <i>Expert Review of Proteomics</i> , 2015, 12, 557-573.	1.3	61
88	The proteome quest to understand biology and disease (HUPO 2014). <i>Journal of Proteomics</i> , 2015, 127, 223-224.	1.2	0
89	Snake venomomics of <i>Micrurus alleni</i> and <i>Micrurus mosquitensis</i> from the Caribbean region of Costa Rica reveals two divergent compositional patterns in New World elapids. <i>Toxicon</i> , 2015, 107, 217-233.	0.8	59
90	A bright future for integrative venomomics. <i>Toxicon</i> , 2015, 107, 159-162.	0.8	41

#	ARTICLE	IF	CITATIONS
91	Quaternary structure of <i>Dioclea grandiflora</i> lectin assessed by equilibrium sedimentation and crystallographic analysis of recombinant mutants. <i>FEBS Letters</i> , 2015, 589, 2290-2296.	1.3	9
92	Arid environments: Opportunities for studying co-evolutionary patterns of scorpion venoms in predator-prey systems. <i>Journal of Arid Environments</i> , 2015, 112, 165-169.	1.2	4
93	NMR structure of bitistatin missing piece in the evolutionary pathway of snake venom disintegrins. <i>FEBS Journal</i> , 2015, 282, 341-360.	2.2	18
94	Venomomics and antivenomics of <i>Bothrops erythromelas</i> from five geographic populations within the Caatinga ecoregion of northeastern Brazil. <i>Journal of Proteomics</i> , 2015, 114, 93-114.	1.2	50
95	Combined venom gland cDNA sequencing and venomomics of the New Guinea small-eyed snake, <i>Micropechis ikaheka</i> . <i>Journal of Proteomics</i> , 2014, 110, 209-229.	1.2	19
96	Next-generation snake venomomics: protein-locus resolution through venom proteome decomplexation. <i>Expert Review of Proteomics</i> , 2014, 11, 315-329.	1.3	99
97	A multicomponent strategy to improve the availability of antivenom for treating snakebite envenoming. <i>Bulletin of the World Health Organization</i> , 2014, 92, 526-532.	1.5	60
98	Isolation and characterization of four medium-size disintegrins from the venoms of Central American viperid snakes of the genera <i>Atropoides</i> , <i>Bothrops</i> , <i>Cerrophidion</i> and <i>Crotalus</i> . <i>Biochimie</i> , 2014, 107, 376-384.	1.3	17
99	Omics Meets Biology: Application to the Design and Preclinical Assessment of Antivenoms. <i>Toxins</i> , 2014, 6, 3388-3405.	1.5	52
100	Two color morphs of the pelagic yellow-bellied sea snake, <i>Pelamis platura</i> , from different locations of Costa Rica: Snake venomomics, toxicity, and neutralization by antivenom. <i>Journal of Proteomics</i> , 2014, 103, 137-152.	1.2	39
101	Understanding structural and functional aspects of PII snake venom metalloproteinases: Characterization of B1atH1, a hemorrhagic dimeric enzyme from the venom of <i>Bothriechis lateralis</i> . <i>Biochimie</i> , 2014, 101, 145-155.	1.3	21
102	Putting value in biomarker research and reporting. <i>Journal of Proteomics</i> , 2014, 96, A1-A3.	1.2	19
103	Venomous snakes of Costa Rica: Biological and medical implications of their venom proteomic profiles analyzed through the strategy of snake venomomics. <i>Journal of Proteomics</i> , 2014, 105, 323-339.	1.2	97
104	Immunological profile of antivenoms: Preclinical analysis of the efficacy of a polyspecific antivenom through antivenomics and neutralization assays. <i>Journal of Proteomics</i> , 2014, 105, 340-350.	1.2	73
105	Venomomics of New World pit vipers: Genus-wide comparisons of venom proteomes across <i>Agkistrodon</i> . <i>Journal of Proteomics</i> , 2014, 96, 103-116.	1.2	94
106	Medically important differences in snake venom composition are dictated by distinct postgenomic mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9205-9210.	3.3	253
107	Preclinical efficacy of Australian antivenoms against the venom of the small-eyed snake, <i>Micropechis ikaheka</i> , from Papua New Guinea: An antivenomics and neutralization study. <i>Journal of Proteomics</i> , 2014, 110, 198-208.	1.2	13
108	The magic of words. <i>Journal of Proteomics</i> , 2014, 107, 1-4.	1.2	4

#	ARTICLE	IF	CITATIONS
109	Inhibitory effects of recombinant RTS-jerdostatin on integrin $\alpha_1\beta_1$ function during adhesion, migration and proliferation of rat aortic smooth muscle cells and angiogenesis. <i>Toxicon</i> , 2014, 79, 45-54.	0.8	10
110	Characterization and cDNA sequence of <i>Bothriechis schlegelii</i> l-amino acid oxidase with antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 200-207.	3.6	14
111	Challenges and prospects of proteomics of non-model organisms. <i>Journal of Proteomics</i> , 2014, 105, 1-4.	1.2	8
112	The Expanding Universe of Mass Analyzer Configurations for Biological Analysis. <i>Methods in Molecular Biology</i> , 2014, 1072, 61-81.	0.4	10
113	Peptides with in vitro anti-tumor activity from the venom of the Eastern green mamba, <i>Dendroaspis angusticeps</i> (Elapidae). <i>Journal of Venom Research</i> , 2014, 5, 16-21.	0.6	6
114	Protein profile of <i>Lupinus texensis</i> phloem sap exudates: Searching for Fe and Zn containing proteins. <i>Proteomics</i> , 2013, 13, 2283-2296.	1.3	24
115	Snake venomomics of <i>Lachesis muta rhombeata</i> and genus-wide antivenomics assessment of the paraspecific immunoreactivity of two antivenoms evidence the high compositional and immunological conservation across <i>Lachesis</i> . <i>Journal of Proteomics</i> , 2013, 89, 112-123.	1.2	56
116	Integrated proteomics profiling indicates that miRNAs are modulators of the ontogenetic venom composition shift in the Central American rattlesnake, <i>Crotalus simus simus</i> . <i>BMC Genomics</i> , 2013, 14, 234.	1.2	164
117	PIVL, a new serine protease inhibitor from <i>Macrovipera lebetina transmediterranea</i> venom, impairs motility of human glioblastoma cells. <i>Matrix Biology</i> , 2013, 32, 52-62.	1.5	51
118	Amino acid sequence and biological characterization of BlatPLA2, a non-toxic acidic phospholipase A2 from the venom of the arboreal snake <i>Bothriechis lateralis</i> from Costa Rica. <i>Toxicon</i> , 2013, 73, 71-80.	0.8	19
119	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.	3.3	412
120	Preclinical assessment of a polyspecific antivenom against the venoms of <i>Cerrophidion sasai</i> , <i>Porthidium nasutum</i> and <i>Porthidium ophryomegas</i> : Insights from combined antivenomics and neutralization assays. <i>Toxicon</i> , 2013, 64, 60-69.	0.8	20
121	The continuing saga of snake venom disintegrins. <i>Toxicon</i> , 2013, 62, 40-49.	0.8	90
122	Cloning and characterization of an antibacterial l-amino acid oxidase from <i>Crotalus durissus cumanensis</i> venom. <i>Toxicon</i> , 2013, 64, 1-11.	0.8	39
123	Snake venomomics: From the inventory of toxins to biology. <i>Toxicon</i> , 2013, 75, 44-62.	0.8	160
124	Assessing the preclinical efficacy of antivenoms: From the lethality neutralization assay to antivenomics. <i>Toxicon</i> , 2013, 69, 168-179.	0.8	66
125	Cytotoxic activities of [Ser49]phospholipase A2 from the venom of the saw-scaled vipers <i>Echis ocellatus</i> , <i>Echis pyramidum leakeyi</i> , <i>Echis carinatus sochureki</i> , and <i>Echis coloratus</i> . <i>Toxicon</i> , 2013, 71, 96-104.	0.8	28
126	Identification of inhibitors of $\alpha_1\beta_1$ integrin, members of C-lectin type proteins, in <i>Echis sochureki</i> venom. <i>Toxicology and Applied Pharmacology</i> , 2013, 269, 34-42.	1.3	18

#	ARTICLE	IF	CITATIONS
127	The Need for Full Integration of Snakebite Envenoming within a Global Strategy to Combat the Neglected Tropical Diseases: The Way Forward. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2162.	1.3	123
128	Phylogeny-Based Comparative Analysis of Venom Proteome Variation in a Clade of Rattlesnakes (<i>Sistrurus</i> sp.). <i>PLoS ONE</i> , 2013, 8, e67220.	1.1	64
129	New approaches & technologies of venomics to meet the challenge of human envenoming by snakebites in India. <i>Indian Journal of Medical Research</i> , 2013, 138, 38-59.	0.4	36
130	Snake venomics across genus <i>Lachesis</i> . Ontogenetic changes in the venom composition of <i>Lachesis stenophrys</i> and comparative proteomics of the venoms of adult <i>Lachesis melanocephala</i> and <i>Lachesis acrochorda</i> . <i>Journal of Proteomics</i> , 2012, 77, 280-297.	1.2	76
131	Snake venomics and antivenomics of <i>Protobothrops mucrosquamatus</i> and <i>Viridovipera stejnegeri</i> from Taiwan: Keys to understand the variable immune response in horses. <i>Journal of Proteomics</i> , 2012, 75, 5628-5645.	1.2	70
132	Updating JPROT's publication standards for large-scale proteomic studies: Towards hypothesis-driven interpretation of predictive biological models. <i>Journal of Proteomics</i> , 2012, 76, 1-2.	1.2	2
133	Snake Venomics of <i>Crotalus tigris</i> : The Minimalist Toxin Arsenal of the Deadliest Neartic Rattlesnake Venom. Evolutionary Clues for Generating a Pan-Specific Antivenom against Crotalid Type II Venoms. <i>Journal of Proteome Research</i> , 2012, 11, 1382-1390.	1.8	59
134	Resurrexit, sicut dixit, alleluia. Snake venomics from a 26-year old polyacrylamide focusing gel. <i>Journal of Proteomics</i> , 2012, 75, 1074-1078.	1.2	6
135	Comparative proteomic analysis of the venom of the taipan snake, <i>Oxyuranus scutellatus</i> , from Papua New Guinea and Australia: Role of neurotoxic and procoagulant effects in venom toxicity. <i>Journal of Proteomics</i> , 2012, 75, 2128-2140.	1.2	67
136	Snake venomics of two poorly known Hydrophiinae: Comparative proteomics of the venoms of terrestrial <i>Toxicocalamus longissimus</i> and marine <i>Hydrophis cyanocinctus</i> . <i>Journal of Proteomics</i> , 2012, 75, 4091-4101.	1.2	57
137	Unusual Stability of Messenger RNA in Snake Venom Reveals Gene Expression Dynamics of Venom Replenishment. <i>PLoS ONE</i> , 2012, 7, e41888.	1.1	41
138	Identification of New Snake Venom Metalloproteinase Inhibitors Using Compound Screening and Rational Peptide Design. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 540-543.	1.3	20
139	Snake venomics of the pit vipers <i>Porthidium nasutum</i> , <i>Porthidium ophryomegas</i> , and <i>Cerrophidion godmani</i> from Costa Rica: Toxicological and taxonomical insights. <i>Journal of Proteomics</i> , 2012, 75, 1675-1689.	1.2	48
140	Venomics and antivenomics profiles of North African <i>Cerastes cerastes</i> and <i>C. vipera</i> populations reveals a potentially important therapeutic weakness. <i>Journal of Proteomics</i> , 2012, 75, 2442-2453.	1.2	46
141	Snake venomics of <i>Macrovipera mauritanica</i> from Morocco, and assessment of the para-specific immunoreactivity of an experimental monospecific and a commercial antivenoms. <i>Journal of Proteomics</i> , 2012, 75, 2431-2441.	1.2	30
142	Venom variability and envenoming severity outcomes of the <i>Crotalus scutulatus scutulatus</i> (Mojave) Tj ETQq0 0 0 rBT /Overlock 10 Tf	1.2	133
143	Combined snake venomics and venom gland transcriptomic analysis of <i>Bothropoides pauloensis</i> . <i>Journal of Proteomics</i> , 2012, 75, 2707-2720.	1.2	63
144	Substrate specificity of the <i>Chamaerops excelsa</i> palm tree peroxidase. A steady-state kinetic study. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 74, 103-108.	1.8	14

#	ARTICLE	IF	CITATIONS
145	Snake venomomics and toxicological profiling of the arboreal pitviper <i>Bothriechis supraciliaris</i> from Costa Rica. <i>Toxicon</i> , 2012, 59, 592-599.	0.8	31
146	224. Snake Venomomics of <i>Crotalus tigris</i> . Evolutionary Clues for Generating a Pan-Specific Antivenom Against Crotalid Type II Venoms. <i>Toxicon</i> , 2012, 60, 210.	0.8	0
147	228. Venom Variability and Envenoming Severity Outcomes of the <i>Crotalus scutulatus scutulatus</i> (Mojave Rattlesnake) from Southern Arizona. <i>Toxicon</i> , 2012, 60, 212.	0.8	0
148	First draft of the genomic organization of a PIII-SVMP gene. <i>Toxicon</i> , 2012, 60, 455-469.	0.8	14
149	Second generation snake antivenomics: Comparing immunoaffinity and immunodepletion protocols. <i>Toxicon</i> , 2012, 60, 688-699.	0.8	96
150	Recombinant expression of mutants of the Frankenstein disintegrin, RTS-ocellatusin. Evidence for the independent origin of RGD and KTS/RTS disintegrins. <i>Toxicon</i> , 2012, 60, 665-675.	0.8	14
151	Venomomics, what else?. <i>Toxicon</i> , 2012, 60, 427-433.	0.8	13
152	Snake Venomomics of African Spitting Cobras: Toxin Composition and Assessment of Congeneric Cross-Reactivity of the Pan-African EchiTAB-Plus-ICP Antivenom by Antivenomics and Neutralization Approaches. <i>Journal of Proteome Research</i> , 2011, 10, 1266-1280.	1.8	191
153	Venomic and Antivenomic Analyses of the Central American Coral Snake, <i>Micrurus nigrocinctus</i> (Elapidae). <i>Journal of Proteome Research</i> , 2011, 10, 1816-1827.	1.8	105
154	Comparative study of the cytolytic activity of snake venoms from African spitting cobras (<i>Naja</i> spp.,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 43	0.8	43
155	Proteomic analysis of ontogenetic and diet-related changes in venom composition of juvenile and adult Dusky Pigmy rattlesnakes (<i>Sistrurus miliarius barbouri</i>). <i>Journal of Proteomics</i> , 2011, 74, 2169-2179.	1.2	105
156	JPROT=â~3Y>1017m5.074IF2Tu. <i>Journal of Proteomics</i> , 2011, 74, 1827-1828.	1.2	0
157	Quality of boar spermatozoa from the sperm-peak portion of the ejaculate after simplified freezing in MiniFlatpacks compared to the remaining spermatozoa of the sperm-rich fraction. <i>Theriogenology</i> , 2011, 75, 1175-1184.	0.9	25
158	Proteomic tools against the neglected pathology of snake bite envenoming. <i>Expert Review of Proteomics</i> , 2011, 8, 739-758.	1.3	156
159	Protein Composition of Seminal Plasma in Fractionated Stallion Ejaculates. <i>Reproduction in Domestic Animals</i> , 2011, 46, e79-84.	0.6	23
160	Seminal Plasma Proteins: What Role Do They Play?. <i>American Journal of Reproductive Immunology</i> , 2011, 66, 11-22.	1.2	284
161	Crystal structure of the zinc-, cobalt-, and iron-containing adenylate kinase from <i>Desulfovibrio gigas</i> : a novel metal-containing adenylate kinase from Gram-negative bacteria. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 51-61.	1.1	8
162	Profiling the venom gland transcriptomes of Costa Rican snakes by 454 pyrosequencing. <i>BMC Genomics</i> , 2011, 12, 259.	1.2	96

#	ARTICLE	IF	CITATIONS
163	NMR structure and dynamics of recombinant wild type and mutated jerdostatin, a selective inhibitor of integrin $\alpha_1\beta_2$. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 2530-2542.	1.5	11
164	Snake population venomomics and antivenomics of <i>Bothrops atrox</i> : Paedomorphism along its transamazonian dispersal and implications of geographic venom variability on snakebite management. <i>Journal of Proteomics</i> , 2011, 74, 510-527.	1.2	181
165	Snake venomomics and venom gland transcriptomic analysis of Brazilian coral snakes, <i>Micurus altirostris</i> and <i>M. corallinus</i> . <i>Journal of Proteomics</i> , 2011, 74, 1795-1809.	1.2	126
166	Ending the drought: New strategies for improving the flow of affordable, effective antivenoms in Asia and Africa. <i>Journal of Proteomics</i> , 2011, 74, 1735-1767.	1.2	206
167	Omic technologies to fight the neglect. <i>Journal of Proteomics</i> , 2011, 74, 1483-1484.	1.2	4
168	Proteomics in Venom Research: a Focus on PLA2 Molecules. <i>Acta Chimica Slovenica</i> , 2011, 58, 629-37.	0.2	11
169	Spermadhesin PSP-I/PSP-II heterodimer induces migration of polymorphonuclear neutrophils into the uterine cavity of the sow. <i>Journal of Reproductive Immunology</i> , 2010, 84, 57-65.	0.8	55
170	Exploring the venom proteome of the African puff adder, <i>Bitis arietans</i> , using a combinatorial peptide ligand library approach at different pHs. <i>Journal of Proteomics</i> , 2010, 73, 932-942.	1.2	42
171	Snake venomomics and antivenomics of <i>Crotalus durissus</i> subspecies from Brazil: Assessment of geographic variation and its implication on snakebite management. <i>Journal of Proteomics</i> , 2010, 73, 1758-1776.	1.2	149
172	Antivenomic Assessment of the Immunological Reactivity of EchiTAB-Plus-ICP, an Antivenom for the Treatment of Snakebite Envenoming in Sub-Saharan Africa. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 82, 1194-1201.	0.6	50
173	Snake Venomomics of <i>Bothriechis nigroviridis</i> Reveals Extreme Variability among Palm Pitviper Venoms: Different Evolutionary Solutions for the Same Trophic Purpose. <i>Journal of Proteome Research</i> , 2010, 9, 4234-4241.	1.8	55
174	Preclinical assessment of the efficacy of a new antivenom (EchiTAB-Plus-ICP [®]) for the treatment of viper envenoming in sub-Saharan Africa. <i>Toxicon</i> , 2010, 55, 369-374.	0.8	67
175	Antivenomics and venom phenotyping: A marriage of convenience to address the performance and range of clinical use of antivenoms. <i>Toxicon</i> , 2010, 56, 1284-1291.	0.8	61
176	Isolation and biological characterization of Batx-I, a weak hemorrhagic and fibrinogenolytic PI metalloproteinase from Colombian <i>Bothrops atrox</i> venom. <i>Toxicon</i> , 2010, 56, 936-943.	0.8	45
177	Recombinant expression in human cells of active integrin $\alpha_1\beta_2$ -blocking RTS-disintegrin jerdostatin. <i>Toxicon</i> , 2010, 56, 1052-1058.	0.8	12
178	Snake Venomomics of the Central American Rattlesnake <i>Crotalus simus</i> and the South American <i>Crotalus durissus</i> Complex Points to Neurotoxicity as an Adaptive Paedomorphic Trend along <i>Crotalus</i> Dispersal in South America. <i>Journal of Proteome Research</i> , 2010, 9, 528-544.	1.8	206
179	Crystal structure and statistical coupling analysis of highly glycosylated peroxidase from royal palm tree (<i>Roystonea regia</i>). <i>Journal of Structural Biology</i> , 2010, 169, 226-242.	1.3	41
180	Isolation of an acidic phospholipase A2 from the venom of the snake <i>Bothrops asper</i> of Costa Rica: Biochemical and toxicological characterization. <i>Biochimie</i> , 2010, 92, 273-283.	1.3	72

#	ARTICLE	IF	CITATIONS
181	Snake Venomics, Antivenomics, and Venom Phenotyping: The MÃ©nage Ã© Trois of Proteomic Tools Aimed at Understanding the Biodiversity of Venoms. , 2010, , 45-72.		10
182	Impact of Regional Variation in <i>Bothrops asper</i> Snake Venom on the Design of Antivenoms: Integrating Antivenomics and Neutralization Approaches. Journal of Proteome Research, 2010, 9, 564-577.	1.8	65
183	Brief History and Molecular Determinants of Snake Venom Disintegrin Evolution. , 2010, , 285-300.		13
184	Effect of VP12 and viperistatin on inhibition of collagen receptors: dependent melanoma metastasis. Cancer Biology and Therapy, 2009, 8, 1507-1516.	1.5	55
185	Mitochondrial and Nuclear Localization of a Novel Pea Thioredoxin: Identification of Its Mitochondrial Target Proteins Ã. Plant Physiology, 2009, 150, 646-657.	2.3	81
186	Proteomic Analysis of Phosphorylated Nuclear Proteins Underscores Novel Roles for Rapid Actions of Retinoic Acid in the Regulation of mRNA Splicing and Translation. Molecular Endocrinology, 2009, 23, 1799-1814.	3.7	19
187	Venoms, venomics, antivenomics. FEBS Letters, 2009, 583, 1736-1743.	1.3	309
188	Snake Population Venomics: Proteomics-Based Analyses of Individual Variation Reveals Significant Gene Regulation Effects on Venom Protein Expression in Sistrurus Rattlesnakes. Journal of Molecular Evolution, 2009, 68, 113-125.	0.8	81
189	PSPÃ©/PSPÃ© spermadhesin exert a decapacitation effect on highly extended boar spermatozoa. Journal of Developmental and Physical Disabilities, 2009, 32, 505-513.	3.6	54
190	Distinct Effects of Boar Seminal Plasma Fractions Exhibiting Different Protein Profiles on the Functionality of Highly Diluted Boar Spermatozoa. Reproduction in Domestic Animals, 2009, 44, 200-205.	0.6	30
191	Isolation and characterization of a new CuÃ©Fe protein from Desulfovibrio aminophilus DSM12254. Journal of Inorganic Biochemistry, 2009, 103, 1314-1322.	1.5	3
192	Combined snake venomics and venom gland transcriptomic analysis of the ocellated carpet viper, Echis ocellatus. Journal of Proteomics, 2009, 71, 609-623.	1.2	122
193	Snake venomics and antivenomics of Bothrops colombiensis, a medically important pitviper of the Bothrops atrox-asper complex endemic to Venezuela: Contributing to its taxonomy and snakebite management. Journal of Proteomics, 2009, 72, 227-240.	1.2	76
194	Snake venomics and antivenomics: Proteomic tools in the design and control of antivenoms for the treatment of snakebite envenoming. Journal of Proteomics, 2009, 72, 165-182.	1.2	180
195	Venomics: Digging into the evolution of venomous systems and learning to twist nature to fight pathology. Journal of Proteomics, 2009, 72, 121-126.	1.2	49
196	Snake venomics and antivenomics of Bothrops atrox venoms from Colombia and the Amazon regions of Brazil, PerÃ© and Ecuador suggest the occurrence of geographic variation of venom phenotype by a trend towards paedomorphism. Journal of Proteomics, 2009, 73, 57-78.	1.2	155
197	Exploring the Venom Proteome of the Western Diamondback Rattlesnake, <i>Crotalus atrox</i>, via Snake Venomics and Combinatorial Peptide Ligand Library Approaches. Journal of Proteome Research, 2009, 8, 3055-3067.	1.8	143
198	Exposure to the seminal plasma of different portions of the boar ejaculate modulates the survival of spermatozoa cryopreserved in MiniFlatPacks. Theriogenology, 2009, 71, 662-675.	0.9	63

#	ARTICLE	IF	CITATIONS
199	Studies on the venom proteome of <i>Bothrops asper</i> : Perspectives and applications. <i>Toxicon</i> , 2009, 54, 938-948.	0.8	43
200	Analysis of chronic lymphocytic leukemia transcriptomic profile: differences between molecular subgroups. <i>Leukemia and Lymphoma</i> , 2009, 50, 68-79.	0.6	21
201	Structural requirements of KTS-disintegrins for inhibition of $\alpha_1\beta_1$ integrin. <i>Biochemical Journal</i> , 2009, 417, 95-101.	1.7	35
202	Snake Venomics and Disintegrins. , 2009, , 337-357.		4
203	The physiological roles of the boar ejaculate. <i>Society of Reproduction and Fertility Supplement</i> , 2009, 66, 1-21.	0.2	32
204	Snake venomics of the South and Central American Bushmasters. Comparison of the toxin composition of <i>Lachesis muta</i> gathered from proteomic versus transcriptomic analysis. <i>Journal of Proteomics</i> , 2008, 71, 46-60.	1.2	114
205	Journal of Proteomics "An evolving star in the expanding proteomics galaxy. <i>Journal of Proteomics</i> , 2008, 71, 1-3.	1.2	2
206	Snake venomics of the Armenian mountain vipers <i>Macrovipera lebetina obtusa</i> and <i>Vipera raddei</i> . <i>Journal of Proteomics</i> , 2008, 71, 198-209.	1.2	91
207	Snake venomics of the Brazilian pitvipers <i>Bothrops cotiara</i> and <i>Bothrops fonsecai</i> . Identification of taxonomy markers. <i>Journal of Proteomics</i> , 2008, 71, 473-485.	1.2	73
208	A new type of metal-binding site in cobalt- and zinc-containing adenylate kinases isolated from sulfate-reducers <i>Desulfovibrio gigas</i> and <i>Desulfovibrio desulfuricans</i> ATCC 27774. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1380-1395.	1.5	16
209	Point mutations abolishing the mannose-binding capability of boar spermadhesin AQN-1. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 856-862.	1.1	6
210	Localization and expression of spermadhesin PSp α /PSP α subunits in the reproductive organs of the boar. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 408-417.	3.6	12
211	Mucin-type O-glycosylation in <i>Mesocestoides vogae</i> (syn. <i>corti</i>). <i>International Journal for Parasitology</i> , 2008, 38, 265-276.	1.3	10
212	Snake Venomics and Antivenomics of the Arboreal Neotropical Pitvipers <i>Bothriechis lateralis</i> and <i>Bothriechis schlegelii</i> . <i>Journal of Proteome Research</i> , 2008, 7, 2445-2457.	1.8	137
213	Major proteins of boar seminal plasma as a tool for biotechnological preservation of spermatozoa. <i>Theriogenology</i> , 2008, 70, 1352-1355.	0.9	52
214	Snake Venomics of the Lancehead Pitviper <i>Bothrops asper</i> : Geographic, Individual, and Ontogenetic Variations. <i>Journal of Proteome Research</i> , 2008, 7, 3556-3571.	1.8	302
215	Thermodynamic characterization of the palm tree <i>Roystonea regia</i> peroxidase stability. <i>Biochimie</i> , 2008, 90, 1737-1749.	1.3	26
216	Snake Venomics of Central American Pitvipers: Clues for Rationalizing the Distinct Envenomation Profiles of <i>Atropoides nummifer</i> and <i>Atropoides picadoi</i> . <i>Journal of Proteome Research</i> , 2008, 7, 708-719.	1.8	77

#	ARTICLE	IF	CITATIONS
217	Snake Venomics of the Lesser Antillean Pit Vipers <i>Bothrops caribbaeus</i> and <i>Bothrops lanceolatus</i> : Correlation with Toxicological Activities and Immunoreactivity of a Heterologous Antivenom. <i>Journal of Proteome Research</i> , 2008, 7, 4396-4408.	1.8	116
218	Evolution of Snake Venom Disintegrins by Positive Darwinian Selection. <i>Molecular Biology and Evolution</i> , 2008, 25, 2391-2407.	3.5	131
219	<i>Staphylococcus aureus</i> Pathogenicity Island DNA Is Packaged in Particles Composed of Phage Proteins. <i>Journal of Bacteriology</i> , 2008, 190, 2434-2440.	1.0	100
220	Insights into the structural basis of the pH-dependent dimer-tetramer equilibrium through crystallographic analysis of recombinant <i>Diocleinae</i> lectins. <i>Biochemical Journal</i> , 2008, 409, 417-428.	1.7	28
221	Isolation and characterization of a serine proteinase with thrombin-like activity from the venom of the snake <i>Bothrops asper</i> . <i>Brazilian Journal of Medical and Biological Research</i> , 2008, 41, 12-17.	0.7	37
222	Analysis of O-Glycosylation. , 2008, 446, 281-292.		4
223	KTS and RTS-Disintegrins: Anti-Angiogenic Viper Venom Peptides Specifically Targeting the $\alpha_1\beta_1$ Integrin. <i>Current Pharmaceutical Design</i> , 2007, 13, 2853-2859.	0.9	49
224	Complement regulation in murine and human hypercholesterolemia and role in the control of macrophage and smooth muscle cell proliferation. <i>Cardiovascular Research</i> , 2007, 76, 340-350.	1.8	31
225	Micro-heterogeneity and molecular assembly of the haemagglutinins from the red algae <i>Bryothamnion seforthii</i> and <i>B. triquetrum</i> from the Caribbean Sea. <i>European Journal of Phycology</i> , 2007, 42, 105-112.	0.9	2
226	Improving the fertilizing ability of sex sorted boar spermatozoa. <i>Theriogenology</i> , 2007, 68, 771-778.	0.9	37
227	Crystal structures of <i>Cratylia floribunda</i> seed lectin at acidic and basic pHs. Insights into the structural basis of the pH-dependent dimer-tetramer transition. <i>Journal of Structural Biology</i> , 2007, 158, 1-9.	1.3	28
228	VEGF-related protein isolated from <i>Vipera palestinae</i> venom, promotes angiogenesis. <i>Growth Factors</i> , 2007, 25, 108-117.	0.5	13
229	Proteomic Identification of Actin-Derived Oligopeptides in Dry-Cured Ham. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3613-3619.	2.4	59
230	Snake Venomics of <i>Bitis gabonica gabonica</i> . Protein Family Composition, Subunit Organization of Venom Toxins, and Characterization of Dimeric Disintegrins <i>Bitisgabonin-1</i> and <i>Bitisgabonin-2</i> . <i>Journal of Proteome Research</i> , 2007, 6, 326-336.	1.8	100
231	Snake Venomics of <i>Bitis</i> Species Reveals Large Intra-genus Venom Toxin Composition Variation: Application to Taxonomy of Congeneric Taxa. <i>Journal of Proteome Research</i> , 2007, 6, 2732-2745.	1.8	108
232	Cryosurvival and In Vitro Fertilizing Capacity Post-thaw Is Improved When Boar Spermatozoa Are Frozen in the Presence of Seminal Plasma From Good Freezer Boars. <i>Journal of Andrology</i> , 2007, 28, 689-697.	2.0	94
233	Snake venomics. Strategy and applications. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1405-1414.	0.7	328
234	SEProt-EuPA joint meeting - proteomics and pathology: Linking both sides of the Atlantic Ocean. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1404-1404.	0.7	0

#	ARTICLE	IF	CITATIONS
235	Proteomic profiling of a snake venom using high mass detection MALDI-TOF mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 600-606.	1.2	27
236	Isolation and characterization of the main small heat shock proteins induced in tomato pericarp by thermal treatment. <i>FEBS Journal</i> , 2007, 274, 6447-6455.	2.2	31
237	Loss of Introns Along the Evolutionary Diversification Pathway of Snake Venom Disintegrins Evidenced by Sequence Analysis of Genomic DNA from <i>Macrovipera lebetina transmediterranea</i> and <i>Echis ocellatus</i> . <i>Journal of Molecular Evolution</i> , 2007, 64, 261-271.	0.8	24
238	323 EXPRESSION OF PSP-I AND PSP-II IN THE REPRODUCTIVE TRACT OF THE BOAR BY IMMUNOHISTOCHEMISTRY, WESTERN BLOTTING, AND RT-PCR. <i>Reproduction, Fertility and Development</i> , 2007, 19, 277.	0.1	0
239	Insights into structure-function correlations of ungulate seminal plasma proteins. <i>Society of Reproduction and Fertility Supplement</i> , 2007, 65, 201-15.	0.2	3
240	Isolation and characterization of a new agglutinin from the red marine alga <i>Hypnea cervicornis</i> J. Agardh. <i>Biochemistry and Cell Biology</i> , 2006, 84, 49-54.	0.9	23
241	Immunolocalization and Possible Functional Role of PSP-I/PSP-II Heterodimer in Highly Extended Boar Spermatozoa. <i>Journal of Andrology</i> , 2006, 27, 766-773.	2.0	44
242	Dissecting the Protective Effect of the Seminal Plasma Spermadhesin PSP-I/PSP-II on Boar Sperm Functionality. <i>Journal of Andrology</i> , 2006, 27, 434-443.	2.0	43
243	Zinc Ions Induce the Unfolding and Self-Association of Boar Spermadhesin PSP-I, a Protein with a Single CUB Domain Architecture, and Promote Its Binding to Heparin. <i>Biochemistry</i> , 2006, 45, 8227-8235.	1.2	16
244	Venom Proteomes of Closely Related <i>Sistrurus Rattlesnakes</i> with Divergent Diets. <i>Journal of Proteome Research</i> , 2006, 5, 2098-2112.	1.8	148
245	The nitrate/nitrite ABC transporter of <i>Phormidium laminosum</i> : Phosphorylation state of NrtA is not involved in its substrate binding activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 172-181.	1.1	16
246	Production and characterisation of recombinant forms of human pulmonary surfactant protein C (SP-C): Structure and surface activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 509-518.	1.4	24
247	Molecular cloning of disintegrins from <i>Cerastes vipera</i> and <i>Macrovipera lebetina transmediterranea</i> venom gland cDNA libraries: insight into the evolution of the snake venom integrin-inhibition system. <i>Biochemical Journal</i> , 2006, 395, 385-392.	1.7	44
248	Analysis of porcine peripheral blood mononuclear cells proteome by 2-DE and MS: Analytical and biological variability in the protein expression level and protein identification. <i>Proteomics</i> , 2006, 6, S215-S225.	1.3	22
249	Conformational diversity of the Goodpasture antigen, the noncollagenous-1 domain of the $\alpha 1(\text{III})$ chain of collagen IV. <i>Proteomics</i> , 2006, 6, S237-S244.	1.3	10
250	OUT OF CÄ“RDOBA. <i>Proteomics</i> , 2006, 6, S1-S3.	1.3	2
251	cDNA cloning and 1.75 Å... crystal structure determination of PPL2, an endochitinase and N-acetylglucosamine-binding hemagglutinin from <i>Parkia platycephala</i> seeds. <i>FEBS Journal</i> , 2006, 273, 3962-3974.	2.2	25
252	Molecular Cloning of Disintegrin-like Transcript BA-5A from a <i>Bitis arietans</i> Venom Gland cDNA Library: A Putative Intermediate in the Evolution of the Long-Chain Disintegrin Bitistatin. <i>Journal of Molecular Evolution</i> , 2006, 63, 142-152.	0.8	55

#	ARTICLE	IF	CITATIONS
253	Molecular Cloning of Echis ocellatus Disintegrins Reveals Non-Venom-Secreted Proteins and a Pathway for the Evolution of Ocellatusin. Journal of Molecular Evolution, 2006, 63, 183-193.	0.8	20
254	Characterizing the Tick Carboxypeptidase Inhibitor. Journal of Biological Chemistry, 2006, 281, 22906-22916.	1.6	17
255	Analysis of B-CLL Transcriptomic and Proteomic Profiles: Differences between Molecular Subgroups.. Blood, 2006, 108, 2088-2088.	0.6	0
256	Conformation and concerted dynamics of the integrin-binding site and the C-terminal region of echistatin revealed by homonuclear NMR. Biochemical Journal, 2005, 387, 57-66.	1.7	44
257	HCA and HML isolated from the red marine algae Hypnea cervicornis and Hypnea musciformis define a novel lectin family. Protein Science, 2005, 14, 2167-2176.	3.1	42
258	Activation of NMDA receptors induces protein kinase A-mediated phosphorylation and degradation of matrix 3. Blocking these effects prevents NMDA-induced neuronal death. Journal of Neurochemistry, 2005, 94, 808-818.	2.1	54
259	Analysis of the stability of the spermadhesin PSP-I/PSP-II heterodimer. Effects of Zn ²⁺ and acidic pH. FEBS Journal, 2005, 272, 5663-5670.	2.2	7
260	Energetics of 5-bromo-4-chloro-3-indolyl- α -D-mannose binding to the Parkia platycephalase lectin and its use for MAD phasing. Acta Crystallographica Section F: Structural Biology Communications, 2005, 61, 326-331.	0.7	13
261	Crystallization and preliminary X-ray diffraction analysis of HML, a lectin from the red marine alga Hypnea musciformis. Acta Crystallographica Section F: Structural Biology Communications, 2005, 61, 997-999.	0.7	5
262	Snake venomomics: Comparative analysis of the venom proteomes of the Tunisian snakes Cerastes cerastes, Cerastes vipera and Macrovipera lebetina. Proteomics, 2005, 5, 4223-4235.	1.3	115
263	Structure-Function Correlations of Snake Venom Disintegrins. Current Pharmaceutical Design, 2005, 11, 829-835.	0.9	58
264	cDNA Cloning and Functional Expression of Jerdostatin, a Novel RTS-disintegrin from Trimeresurus jerdonii and a Specific Antagonist of the α 1 β 1 Integrin. Journal of Biological Chemistry, 2005, 280, 40714-40722.	1.6	41
265	Influence of seminal plasma PSP-I/PSP-II spermadhesin on pig gamete interaction. Zygote, 2005, 13, 11-16.	0.5	29
266	Hydrodynamic liver gene transfer mechanism involves transient sinusoidal blood stasis and massive hepatocyte endocytic vesicles. Gene Therapy, 2005, 12, 927-935.	2.3	88
267	The First Crystal Structure of a Mimosoideae Lectin Reveals a Novel Quaternary Arrangement of a Widespread Domain. Journal of Molecular Biology, 2005, 353, 574-583.	2.0	33
268	Boar spermatozoa in the oviduct. Theriogenology, 2005, 63, 514-535.	0.9	184
269	Snake venom disintegrins: evolution of structure and function. Toxicon, 2005, 45, 1063-1074.	0.8	246
270	Characterization of the Proteomic and Genomic Profiles of Chronic Lymphocytic Leukemia Patients with Distinct Clinical Prognosis According to the Mutational Status of the IgVH and BCL6 and Expression Level of CD38 and ZAP70.. Blood, 2005, 106, 3272-3272.	0.6	0

#	ARTICLE	IF	CITATIONS
271	Monoclonal Antibodies against the Tn-Specific Isolectin B4 from <i>Vicia villosa</i> Seeds: Characterization of the Epitope of the Blocking Antibody VV34. <i>Hybridoma</i> , 2004, 23, 39-44.	0.6	1
272	Lebectin, a novel C-type lectin from <i>Macrovipera lebetina</i> venom, inhibits integrin-mediated adhesion, migration and invasion of human tumour cells. <i>Laboratory Investigation</i> , 2004, 84, 573-581.	1.7	39
273	Snake venomomics: Characterization of protein families in <i>Sistrurus barbouri</i> venom by cysteine mapping, N-terminal sequencing, and tandem mass spectrometry analysis. <i>Proteomics</i> , 2004, 4, 327-338.	1.3	113
274	Expression of a plant serine O-acetyltransferase in <i>Saccharomyces cerevisiae</i> confers osmotic tolerance and creates an alternative pathway for cysteine biosynthesis. <i>Yeast</i> , 2004, 21, 303-312.	0.8	28
275	Crystallization and preliminary X-ray diffraction analysis of the lectin from <i>Canavalia gladiata</i> seeds. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 1493-1495.	2.5	13
276	Antagonists Mo and Cu in a heterometallic cluster present on a novel protein (orange protein) isolated from <i>Desulfovibrio gigas</i> . <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 833-840.	1.5	33
277	Structural Requirements of MLD-Containing Disintegrins for Functional Interaction with $\alpha 4 \beta 1$ and $\alpha 9 \beta 1$ Integrins. <i>Biochemistry</i> , 2004, 43, 1639-1647.	1.2	52
278	Structural determinants of the selectivity of KTS-disintegrins for the $\alpha 1 \beta 1$ integrin. <i>FEBS Letters</i> , 2004, 577, 478-482.	1.3	56
279	Increased protein kinase A regulatory subunit content and cGMP binding in erythrocyte membranes in liver cirrhosis. <i>Journal of Hepatology</i> , 2004, 40, 766-773.	1.8	8
280	Does Seminal Plasma PSP-I/PSP-II Spermadhesin Modulate the Ability of Boar Spermatozoa to Penetrate Homologous Oocytes In Vitro?. <i>Journal of Andrology</i> , 2004, 25, 1004-1012.	2.0	33
281	Structures of Integrin Domains and Concerted Conformational Changes in the Bidirectional Signaling Mechanism of $\alpha \text{IIb} \beta 3$. <i>Experimental Biology and Medicine</i> , 2004, 229, 732-744.	1.1	28
282	Diocleinae Lectins: Clues to Delineate Structure/Function Correlations. <i>Principles and Practice</i> , 2004, , 81-91.	0.3	1
283	Proteomic Profile Study of Chronic Lymphocytic Leukemia-B Patients with IGVH and BCL6 Mutated or Unmutated Genes. <i>Blood</i> , 2004, 104, 961-961.	0.6	10
284	Amino acid sequence and homology modeling of obtustatin, a novel non-RGD-containing short disintegrin isolated from the venom of <i>Vipera lebetina obtusa</i> . <i>Protein Science</i> , 2003, 12, 366-371.	3.1	46
285	NMR Solution Structure of the Non-RGD Disintegrin Obtustatin. <i>Journal of Molecular Biology</i> , 2003, 329, 135-145.	2.0	48
286	Isolation of two novel mannan- and l-fucose-binding lectins from the green alga <i>Enteromorpha prolifera</i> : biochemical characterization of EPL-2. <i>Archives of Biochemistry and Biophysics</i> , 2003, 415, 245-250.	1.4	26
287	Porcine Spermadhesin PSP-I/PSP-II Stimulates Macrophages to Release a Neutrophil Chemotactic Substance: Modulation by Mast Cells 1. <i>Biology of Reproduction</i> , 2003, 68, 1836-1841.	1.2	44
288	Role of an Intrasubunit Disulfide in the Association State of the Cytosolic Homo-oligomer Methionine Adenosyltransferase. <i>Journal of Biological Chemistry</i> , 2003, 278, 7285-7293.	1.6	27

#	ARTICLE	IF	CITATIONS
289	Influence of Porcine Spermadhesins on the Susceptibility of Boar Spermatozoa to High Dilution1. <i>Biology of Reproduction</i> , 2003, 69, 640-646.	1.2	106
290	Concerted Motions of the Integrin-binding Loop and the C-terminal Tail of the Non-RGD Disintegrin Obtustatin. <i>Journal of Biological Chemistry</i> , 2003, 278, 45570-45576.	1.6	32
291	Snake venom disintegrins: novel dimeric disintegrins and structural diversification by disulphide bond engineering. <i>Biochemical Journal</i> , 2003, 372, 725-734.	1.7	177
292	Seed Lectin from <i>Pisum Arvense</i> : Isolation, Biochemical Characterization and Amino Acid Sequence. <i>Protein and Peptide Letters</i> , 2003, 10, 607-617.	0.4	7
293	Obtustatin: a potent selective inhibitor of $\alpha 1\beta 1$ integrin in vitro and angiogenesis in vivo. <i>Cancer Research</i> , 2003, 63, 2020-3.	0.4	122
294	Purification and Characterization of a new Lectin from the Red Marine Alga <i>Hypnea Musciformis</i> . <i>Protein and Peptide Letters</i> , 2002, 9, 159-165.	0.4	28
295	Analysis of O-Glycosylation. , 2002, 194, 089-100.		2
296	Spermadhesin PSP-I/PSP-II Heterodimer and Its Isolated Subunits Induced Neutrophil Migration into the Peritoneal Cavity of Rats1. <i>Biology of Reproduction</i> , 2002, 67, 1796-1803.	1.2	35
297	The Presence of the WGD Motif in CC8 Heterodimeric Disintegrin Increases Its Inhibitory Effect on $\alpha 5\beta 1$, $\alpha 5\beta 2$, and $\alpha 5\beta 3$ Integrins. <i>Biochemistry</i> , 2002, 41, 2014-2021.	1.2	69
298	Characterization of a monomeric disintegrin, ocellatusin, present in the venom of the Nigerian carpet viper, <i>Echis ocellatus</i> 1. <i>FEBS Letters</i> , 2002, 512, 111-115.	1.3	29
299	Crystal Structure of a Prostate Kallikrein Isolated from Stallion Seminal Plasma: A Homologue of Human PSA. <i>Journal of Molecular Biology</i> , 2002, 322, 325-337.	2.0	81
300	Purification and Partial Characterization of a Lectin from <i>Canavalia Grandiflora</i> Benth. Seeds. <i>Protein and Peptide Letters</i> , 2002, 9, 67-73.	0.4	19
301	Expression and Purification of the Recombinant Conbr (<i>Canavalia Brasiliensis</i> Lectin) Produced in <i>Escherichia Coli</i> Cells. <i>Protein and Peptide Letters</i> , 2002, 9, 59-66.	0.4	12
302	Sperm Coating Mechanism from the 1.8 Å... Crystal Structure of PDC-109-Phosphorylcholine Complex. <i>Structure</i> , 2002, 10, 505-514.	1.6	84
303	Crystallization and preliminary X-ray diffraction analysis of the seed lectin from <i>Parkia platycephala</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 167-169.	2.5	2
304	Crystal structure of native and Cd/Cd-substituted <i>Dioclea guianensis</i> seed lectin. A novel manganese-binding site and structural basis of dimer-tetramer association. <i>Journal of Molecular Biology</i> , 2001, 310, 885-894.	2.0	43
305	The amino-acid sequence of the glucose/mannose-specific lectin isolated from <i>Parkia platycephala</i> seeds reveals three tandemly arranged jacalin-related domains. <i>FEBS Journal</i> , 2001, 268, 4414-4422.	0.2	47
306	Purification, crystallization and identification by X-ray analysis of a prostate kallikrein from horse seminal plasma. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001, 57, 1180-1183.	2.5	2

#	ARTICLE	IF	CITATIONS
307	Characterization of the sugar-binding specificity of the toxic lectins isolated from <i>Abrus pulchellus</i> seeds. <i>Glycoconjugate Journal</i> , 2001, 18, 391-400.	1.4	9
308	Disulphide-bond pattern and molecular modelling of the dimeric disintegrin EMF-10, a potent and selective integrin $\alpha 5 \beta 1$ antagonist from <i>Eristocophis macmahoni</i> venom. <i>Biochemical Journal</i> , 2000, 345, 573-581.	1.7	58
309	Disulphide-bond pattern and molecular modelling of the dimeric disintegrin EMF-10, a potent and selective integrin $\alpha 5 \beta 1$ antagonist from <i>Eristocophis macmahoni</i> venom. <i>Biochemical Journal</i> , 2000, 345, 573.	1.7	20
310	Biochemical and functional characterization of the Tn-specific lectin from <i>Salvia sclarea</i> seeds. <i>FEBS Journal</i> , 2000, 267, 1434-1440.	0.2	30
311	The disulfide bond pattern of catrocollastatin C, a disintegrin-like/cysteine-rich protein isolated from <i>Crotalus atrox</i> venom. <i>Protein Science</i> , 2000, 9, 1365-1373.	3.1	34
312	The amino acid sequence of the agglutinin isolated from the red marine alga <i>Bryothamnion triquetrum</i> defines a novel lectin structure. <i>Cellular and Molecular Life Sciences</i> , 2000, 57, 343-350.	2.4	48
313	Inhibitory Effects of MLDC-containing Heterodimeric Disintegrins Reveal Distinct Structural Requirements for Interaction of the Integrin $\alpha 9 \beta 1$ with VCAM-1, Tenascin-C, and Osteopontin. <i>Journal of Biological Chemistry</i> , 2000, 275, 31930-31937.	1.6	67
314	Biophysical Study of the Perturbation of Model Membrane Structure Caused by Seminal Plasma Protein PDC-109. <i>Archives of Biochemistry and Biophysics</i> , 2000, 374, 241-247.	1.4	47
315	Purification, Chemical, and Immunochemical Properties of a New Lectin from Mimosoideae (<i>Parkia</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 1.0 17		
316	Structural Characterisation of Porcine Seminal Plasma Psp-I/Psp-II, a Paradigm Spermadhesin Molecule Built by Heterodimerization of Glycosylated Subunits. , 2000, , 241-250.		0
317	Disulphide-bond pattern and molecular modelling of the dimeric disintegrin EMF-10, a potent and selective integrin $\alpha 5 \beta 1$ antagonist from <i>Eristocophis macmahoni</i> venom. <i>Biochemical Journal</i> , 2000, 345 Pt 3, 573-81.	1.7	16
318	EC3, a Novel Heterodimeric Disintegrin from <i>Echis carinatus</i> Venom, Inhibits $\alpha 4$ and $\alpha 5$ Integrins in an RGD-independent Manner. <i>Journal of Biological Chemistry</i> , 1999, 274, 12468-12473.	1.6	96
319	Structural Requirements of Echistatin for the Recognition of $\alpha 3 \beta 3$ and $\alpha 5 \beta 1$ Integrins. <i>Journal of Biological Chemistry</i> , 1999, 274, 37809-37814.	1.6	124
320	Structural characterization of the oligosaccharide chains of native and crystallized boar seminal plasma spermadhesin PSP-I and PSP-II glycoforms. <i>FEBS Journal</i> , 1999, 265, 703-718.	0.2	39
321	Molecular characterization and crystallization of Diocleinae lectins. <i>BBA - Proteins and Proteomics</i> , 1999, 1430, 367-375.	2.1	60
322	Crystal structure of the first dissimilatory nitrate reductase at 1.9 Å... solved by MAD methods. <i>Structure</i> , 1999, 7, 65-79.	1.6	288
323	The N-Terminus of Collagenase MMP-8 Determines Superactivity and Inhibition: A Relation of Structure and Function Analyzed by Biomolecular Interaction Analysis. <i>Biochemistry</i> , 1999, 38, 7332-7338.	1.2	15
324	Characterisation of the conformational and quaternary structure-dependent heparin-binding region of bovine seminal plasma protein PDC-109. <i>FEBS Letters</i> , 1999, 444, 260-264.	1.3	43

#	ARTICLE	IF	CITATIONS
325	Structural and Functional Characterization of EMF10, a Heterodimeric Disintegrin from <i>Eristocophis macmahoni</i> Venom That Selectively Inhibits $\alpha_5\beta_1$ Integrin. <i>Biochemistry</i> , 1999, 38, 13302-13309.	1.2	76
326	Platelet Integrin GPIIb/IIIa: Structure-Function Correlations. An Update and Lessons from Other Integrins. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 1999, 222, 29-38.	2.0	65
327	Crystal structure of the complex formed by the membrane type 1-matrix metalloproteinase with the tissue inhibitor of metalloproteinases-2, the soluble progelatinase A receptor. <i>EMBO Journal</i> , 1998, 17, 5238-5248.	3.5	324
328	Thermodynamic stability of two variants of xylanase (Xys1) from <i>Streptomyces halstedii</i> JM8. <i>FEBS Journal</i> , 1998, 253, 462-468.	0.2	24
329	Biophysical characterization of the interaction of bovine seminal plasma protein PDC-109 with phospholipid vesicles. <i>European Biophysics Journal</i> , 1998, 27, 33-41.	1.2	85
330	Purification and characterization of a lectin from seeds of <i>Vatairea macrocarpa</i> duke. <i>Phytochemistry</i> , 1998, 49, 675-680.	1.4	60
331	Amino acid sequence, glycan structure, and proteolytic processing of the lectin of <i>Vatairea macrocarpa</i> seeds. <i>FEBS Letters</i> , 1998, 425, 286-292.	1.3	40
332	Binding of mannose-6-phosphate and heparin by boar seminal plasma PSP-II, a member of the spermadhesin protein family. <i>FEBS Letters</i> , 1998, 431, 273-278.	1.3	30
333	ATP Sulfurylases from Sulfate-Reducing Bacteria of the Genus <i>Desulfovibrio</i> . A Novel Metalloprotein Containing Cobalt and Zinc. <i>Biochemistry</i> , 1998, 37, 16225-16232.	1.2	76
334	Molecular Cloning and Characterization of P47, a Novel Boar Sperm-Associated Zona Pellucida-Binding Protein Homologous to a Family of Mammalian Secretory Proteins. <i>Biology of Reproduction</i> , 1998, 58, 1057-1064.	1.2	85
335	Immunoelectronmicroscopic imaging of spermadhesin AWN epitopes on boar spermatozoa bound in vivo to the zona pellucida. <i>Reproduction, Fertility and Development</i> , 1998, 10, 491.	0.1	57
336	Alboaggregins A and B. Structure and Interaction with Human Platelets. <i>Thrombosis and Haemostasis</i> , 1998, 79, 609-613.	1.8	54
337	Spermadhesins: A new protein family. Facts, hypotheses and perspectives. <i>Andrologia</i> , 1998, 30, 217-224.	1.0	168
338	Alboaggregins A and B. Structure and interaction with human platelets. <i>Thrombosis and Haemostasis</i> , 1998, 79, 609-13.	1.8	5
339	Ligand-binding capabilities, 2.4-Å resolution crystal structure, and characterization of oligosaccharides of PSP-I/PSP-II, a porcine heterodimeric lectin of glycosylated spermadhesins. <i>The Protein Journal</i> , 1998, 17, 538-40.	1.1	0
340	Primary structure and posttranslational processing of <i>Vatairea macrocarpa</i> seed lectin. <i>The Protein Journal</i> , 1998, 17, 545-7.	1.1	4
341	Monoclonal Antibodies against Boar Sperm Zona Pellucida-Binding Protein AWN-1. Characterization of a Continuous Antigenic Determinant and Immunolocalization Of AWN Epitopes in Inseminated Sows. <i>Biology of Reproduction</i> , 1997, 57, 735-742.	1.2	44
342	Crystal structure of acidic seminal fluid protein (aSFP) at 1.9 Å resolution: a bovine polypeptide of the spermadhesin family. <i>Journal of Molecular Biology</i> , 1997, 274, 650-660.	2.0	42

#	ARTICLE	IF	CITATIONS
343	The 2.4 Å... resolution crystal structure of boar seminal plasma PSP-I/PSP-II: a zona pellucida-binding glycoprotein heterodimer of the spermadhesin family built by a CUB domain architecture. <i>Journal of Molecular Biology</i> , 1997, 274, 635-649.	2.0	80
344	The crystal structure of <i>Canavalia brasiliensis</i> lectin suggests a correlation between its quaternary conformation and its distinct biological properties from Concanavalin A. <i>FEBS Letters</i> , 1997, 405, 114-118.	1.3	79
345	Isolation and characterization of heparin- and phosphorylcholine-binding proteins of boar and stallion seminal plasma. Primary structure of porcine pB1. <i>FEBS Letters</i> , 1997, 407, 201-206.	1.3	101
346	The disulphide bond pattern of bitistatin, a disintegrin isolated from the venom of the viper <i>Bitis arietans</i> . <i>FEBS Letters</i> , 1997, 416, 197-202.	1.3	42
347	Biochemical and conformational characterisation of HSP-3, a stallion seminal plasma protein of the cysteine-rich secretory protein (CRISP) family. <i>FEBS Letters</i> , 1997, 420, 179-185.	1.3	39
348	The crystal structures of two spermadhesins reveal the CUB domain fold. <i>Nature Structural Biology</i> , 1997, 4, 783-788.	9.7	124
349	Molecular Cloning and Characterization of ConBr, the Lectin of <i>Canavalia Brasiliensis</i> Seeds. <i>FEBS Journal</i> , 1997, 248, 43-48.	0.2	28
350	Conformational Features and Thermal Stability of Bovine Seminal Plasma Protein PDC-109 Oligomers and Phosphorylcholine-Bound Complexes. <i>FEBS Journal</i> , 1997, 250, 735-744.	0.2	71
351	Fractionation and characterization of boar seminal plasma spermadhesion PSP-II glycoforms reveal the presence of uncommon N-acetylgalactosamine-containing N-linked oligosaccharides. <i>Glycoconjugate Journal</i> , 1997, 14, 275-280.	1.4	10
352	Crystallization and preliminary X-ray diffraction studies of aSFP, a bovine seminal plasma protein with a single CUB domain architecture. <i>Protein Science</i> , 1997, 6, 725-727.	3.1	8
353	Crystallization and preliminary X-ray diffraction analysis of bovine seminal plasma PDC-109, a protein composed of two fibronectin type II domains. , 1997, 28, 454-456.		14
354	Immunohistochemical localization in the stallion genital tract, and topography on spermatozoa of seminal plasma protein SSP-7, a member of the spermadhesin protein family. <i>Andrologia</i> , 1997, 29, 179-186.	1.0	10
355	The Role of Carbohydrates in Sperm-Egg Interaction. <i>Advances in Experimental Medicine and Biology</i> , 1997, 424, 301-310.	0.8	8
356	Snake Venom Disintegrins and Disintegrin-Like Domains: Soluble Antagonists and Cellular Ligands of Integrin Receptors. , 1997, , 157-173.		5
357	Analysis of xysA, a gene from <i>Streptomyces halstedii</i> JM8 that encodes a 45-kilodalton modular xylanase, Xys1. <i>Applied and Environmental Microbiology</i> , 1997, 63, 2983-2988.	1.4	31
358	X-Ray Crystallographic Analysis of Boar PSP-I/PSP-II Complex. <i>Advances in Experimental Medicine and Biology</i> , 1997, 424, 311-312.	0.8	0
359	Mapping the heparin-binding domain of boar spermadhesins. <i>FEBS Letters</i> , 1996, 379, 207-211.	1.3	28
360	Crystallization and preliminary X-ray diffraction analysis of boar seminal plasma spermadhesin PSP-I/PSP-II, a heterodimer of two CUB domains. <i>FEBS Letters</i> , 1996, 382, 15-17.	1.3	20

#	ARTICLE	IF	CITATIONS
361	The structure of the O-linked carbohydrate chain of bovine seminal plasma protein PDC-109 revised by 1H-NMR spectroscopy A correction. FEBS Letters, 1996, 387, 99-100.	1.3	24
362	Importance of the structure of the RGD-containing loop in the disintegrins echistatin and eristostatin for recognition of $\alpha_5\beta_1$ and $\alpha_5\beta_3$ integrins. FEBS Letters, 1996, 391, 139-143.	1.3	83
363	A Procedure for the Large-Scale Isolation of Major Bovine Seminal Plasma Proteins. Protein Expression and Purification, 1996, 8, 48-56.	0.6	59
364	Characterization of Representative Enzymes from a Sulfate Reducing Bacterium Implicated in the Corrosion of Steel. Biochemical and Biophysical Research Communications, 1996, 221, 414-421.	1.0	29
365	Chemical Cross-Linking Detects Different Conformational Arrangements of Platelet Integrin $\alpha_5\beta_1$ (gpIIb/IIIa). Biochemical and Biophysical Research Communications, 1996, 229, 454-459.	1.0	9
366	The primary structure of BSP-30K, a major lipid-, gelatin-, and heparin-binding glycoprotein of bovine seminal plasma. FEBS Letters, 1996, 399, 147-152.	1.3	65
367	Primary Structure of Stallion Seminal Plasma Protein HSP-7, a Zona-Pellucida-Binding Protein of the Spermadhesin Family. FEBS Journal, 1996, 242, 636-640.	0.2	41
368	Boar Spermadhesins AQN-1 and AQN-3: Oligosaccharide and Zona Pellucida Binding Characteristics. Biological Chemistry Hoppe-Seyler, 1996, 377, 521-528.	1.4	25
369	Sperm-associated protein candidates for primary zona pellucida-binding molecules: structure-function correlations of boar spermadhesins. Journal of Reproduction and Fertility Supplement, 1996, 50, 55-61.	0.1	16
370	Amino acid sequence of HSP-1, a major protein of stallion seminal plasma: effect of glycosylation on its heparin- and gelatin-binding capabilities. Biochemical Journal, 1995, 310, 615-622.	1.7	94
371	SPERM SURFACE PROTEINS. Reproduction in Domestic Animals, 1995, 31, 101-105.	0.6	12
372	IDENTIFICATION OF BOAR SPERM SURFACE PROTEINS WITH AFFINITY FOR PORCINE ZONA PELLUCIDA. Reproduction in Domestic Animals, 1995, 31, 229-231.	0.6	1
373	Analysis of the Structural Organization and Thermal Stability of two Spermadhesins. Calorimetric, Circular Dichroic and Fourier-Transform Infrared Spectroscopic Studies. FEBS Journal, 1995, 234, 887-896.	0.2	33
374	Effect of glycosylation on the heparin-binding capability of boar and stallion seminal plasma proteins. Journal of Chromatography A, 1995, 711, 167-173.	1.8	31
375	Immunocytochemical characterization of porcine zona pellucida during follicular development. Anatomy and Embryology, 1995, 191, 41-6.	1.5	24
376	Immunohistochemical localization of spermadhesin AWN in the porcine male genital tract. Cell and Tissue Research, 1995, 282, 175-179.	1.5	27
377	Mass Spectrometric Analysis of the Phosphorylation State of Human Platelet Glycoprotein IIIa. Platelets, 1995, 6, 265-269.	1.1	0
378	Interaction of Non-Aggregated Boar AWN-1 and AQN-3 with Phospholipid Matrices. A Model for Coating of Spermadhesins to the Sperm Surface. Biological Chemistry Hoppe-Seyler, 1995, 376, 237-242.	1.4	59

#	ARTICLE	IF	CITATIONS
379	On the Structure and Function of Platelet Integrin α IIb β 3, the Fibrinogen Receptor. <i>Experimental Biology and Medicine</i> , 1995, 208, 346-360.	1.1	96
380	Advanced ovulation in gilts by the intrauterine application of a low molecular mass pronase-sensitive fraction of boar seminal plasma. <i>Reproduction</i> , 1995, 105, 247-252.	1.1	51
381	Formulation and Delivery of Proteins and Peptides. <i>Toxicon</i> , 1995, 33, 1394.	0.8	0
382	Boar spermadhesin PSP-II: Location of posttranslational modifications, heterodimer formation with PSP-I glycoforms and effect of dimerization on the ligand-binding capabilities of the subunits. <i>FEBS Letters</i> , 1995, 365, 179-182.	1.3	64
383	Identification by Affinity Chromatography of Boar Sperm Membrane-Associated Proteins Bound to Immobilized Porcine Zona Pellucida. Mapping of the Phosphorylethanolamine-Binding Region of Spermadhesin AWN. <i>Biological Chemistry Hoppe-Seyler</i> , 1995, 376, 733-738.	1.4	45
384	Carbohydrate-and heparin-binding proteins in mammalian fertilization. <i>Andrologia</i> , 1995, 27, 303-324.	1.0	48
385	Immunohistochemical localization of spermadhesin AWN in the porcine male genital tract. <i>Cell and Tissue Research</i> , 1995, 282, 175-179.	1.5	2
386	Boar Spermadhesin AWN-1. Oligosaccharide and Zona Pellucida Binding Characteristics. <i>FEBS Journal</i> , 1995, 230, 329-336.	0.2	85
387	Immunolocalization and Quantitation of Acidic Seminal Fluid Protein (aSFP) in Ejaculated, Swim-up, and Capacitated Bull Spermatozoa. <i>Biological Chemistry Hoppe-Seyler</i> , 1994, 375, 457-462.	1.4	50
388	Isolation and Biochemical Characterization of Stallion Seminal Plasma Proteins. <i>Reproduction in Domestic Animals</i> , 1994, 29, 411-426.	0.6	36
389	Primary sequence, oxidation-reduction potentials and tertiary-structure prediction of <i>Desulfovibrio desulfuricans</i> ATCC 27774 flavodoxin. <i>FEBS Journal</i> , 1994, 220, 987-995.	0.2	17
390	Quantitation of boar spermadhesins in accessory sex gland fluids and on the surface of epididymal, ejaculated and capacitated spermatozoa. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1994, 1200, 48-54.	1.1	96
391	Characterization of the Cross-Linking Site of Disintegrins Albolabrin, Bitistatin, Echistatin, and Eristostatin on Isolated Human Platelet Integrin GpIIb/IIIa. <i>Biochemical and Biophysical Research Communications</i> , 1994, 202, 135-140.	1.0	22
392	Bovine seminal plasma ASFP: Localization of disulfide bridges and detection of three different isoelectric forms. <i>FEBS Letters</i> , 1994, 344, 61-64.	1.3	36
393	Localization and structural characterization of an oligosaccharide O-linked to bovine PDC-109 Quantitation of the glycoprotein in seminal plasma and on the surface of ejaculated and capacitated spermatozoa. <i>FEBS Letters</i> , 1994, 350, 203-206.	1.3	61
394	Glycosylated Boar Spermadhesin AWN-1 Isoforms. Biological Origin, Structural Characterization by Lectin Mapping, Localization of O-Glycosylation Sites, and Effect of Glycosylation on Ligand Binding. <i>Biological Chemistry Hoppe-Seyler</i> , 1994, 375, 667-674.	1.4	32
395	Proteolytic degradation of the RGD-binding and non-RGD-binding conformers of human platelet integrin glycoprotein IIb/IIIa: clues for identification of regions involved in the receptor's activation. <i>Biochemical Journal</i> , 1994, 298, 1-7.	1.7	28
396	Clues for Understanding the Structure and Function of a Prototypic Human Integrin: The Platelet Glycoprotein IIb/IIIa Complex. <i>Thrombosis and Haemostasis</i> , 1994, 72, 001-015.	1.8	157

#	ARTICLE	IF	CITATIONS
397	Primary sequence, redox potentials and 3D molecular structure prediction of <i>D. desulfuricans</i> ATCC 27774 flavodoxin. <i>Journal of Inorganic Biochemistry</i> , 1993, 51, 193.	1.5	0
398	Characterization of two glycosylated boar spermadhesins. <i>FEBS Journal</i> , 1993, 218, 719-725.	0.2	59
399	Isolation and biochemical characterization of heparin-binding proteins from boar seminal plasma: A dual role for spermadhesins in fertilization. <i>Molecular Reproduction and Development</i> , 1993, 35, 37-43.	1.0	99
400	Glycoprotein lib peptide 656-667 mimics the fibrinogen β_3 chain 402-411 binding site on platelet integrin GPIIb/IIIa. <i>FEBS Letters</i> , 1993, 335, 132-135.	1.3	9
401	Localization of an O-glycosylation site in the β_3 -subunit of the human platelet integrin GPIIb/IIIa involved in Baka(HPA-3a) alloantigen expression. <i>FEBS Letters</i> , 1993, 328, 30-34.	1.3	21
402	Characterization of AWN-1 glycosylated isoforms helps define the zona pellucida and serine proteinase inhibitor-binding region on boar spermadhesins. <i>FEBS Letters</i> , 1993, 334, 37-40.	1.3	43
403	Identification of Porcine Oocyte 55 kDa β_1 and β_2 Proteins within the Zona Pellucida Glycoprotein Families Indicates that Oocyte Sperm Receptor Activity is Associated with Different Zona Pellucida Proteins in Different Mammalian Species. <i>Biological Chemistry Hoppe-Seyler</i> , 1993, 374, 411-418.	1.4	15
404	Proteolytic dissection of the isolated platelet fibrinogen receptor, integrin GPIIb/IIIa. Localization of GPIIb and GPIIIa sequences putatively involved in the subunit interface and in intrasubunit and intrachain contacts. <i>Biochemical Journal</i> , 1992, 282, 523-532.	1.7	54
405	Boar spermadhesins AQN-1 and AWN are sperm-associated acrosin inhibitor acceptor proteins. <i>FEBS Letters</i> , 1992, 300, 63-66.	1.3	53
406	Effective activation of the proenzyme form of the urokinase-type plasminogen activator (pro-uPA) by the cysteine protease cathepsin L. <i>FEBS Letters</i> , 1992, 297, 112-118.	1.3	128
407	The complete primary structure of three isoforms of a boar sperm-associated acrosin inhibitor. <i>FEBS Letters</i> , 1992, 297, 147-150.	1.3	33
408	The disulfide bridge pattern of snake venom disintegrins, flavoridin and echistatin. <i>FEBS Letters</i> , 1992, 309, 316-320.	1.3	58
409	The complete primary structure of the spermadhesin AWN, a zona pellucida-binding protein isolated from boar spermatozoa. <i>FEBS Letters</i> , 1992, 300, 213-218.	1.3	79
410	Isolation and biochemical characterization of two isoforms of a boar sperm zona pellucida-binding protein. <i>BBA - Proteins and Proteomics</i> , 1992, 1119, 127-132.	2.1	30
411	The complete primary structure of the boar spermadhesin AQN-1, a carbohydrate-binding protein involved in fertilization. <i>FEBS Journal</i> , 1992, 205, 645-652.	0.2	46
412	Localization of the cross-linking sites of RGD and KQAGDV peptides to the isolated fibrinogen receptor, the human platelet integrin glycoprotein IIb/IIIa. Influence of peptide length. <i>FEBS Journal</i> , 1992, 206, 759-765.	0.2	33
413	A large-scale procedure for the isolation of integrin GPIIb/IIIa, the human platelet fibrinogen receptor. <i>Protein Expression and Purification</i> , 1991, 2, 248-255.	0.6	13
414	Identification of the disulfide bond pattern in albolabrin, an RGD-containing peptide from the venom of <i>Trimeresurus albolabris</i> : Significance for the express of platelet aggregation inhibitory activity. <i>Biochemistry</i> , 1991, 30, 5225-5229.	1.2	86

#	ARTICLE	IF	CITATIONS
415	Isolation and biochemical characterization of a zona pellucida-binding glycoprotein of boar spermatozoa. FEBS Letters, 1991, 280, 183-186.	1.3	54
416	The amino acid sequence of AQN-3, a carbohydrate-binding protein isolated from boar sperm Location of disulphide bridges. FEBS Letters, 1991, 291, 33-36.	1.3	43
417	Arg-Gly-Asp constrained within cyclic pentapeptides Strong and selective inhibitors of cell adhesion to vitronectin and laminin fragment P1. FEBS Letters, 1991, 291, 50-54.	1.3	509
418	Further studies on the topography of human platelet glycoprotein IIb. Localization of monoclonal antibody epitopes and the putative glycoprotein IIIa- and fibrinogen-binding regions. Biochemical Journal, 1991, 273, 767-775.	1.7	41
419	Assignment of disulphide bonds in human platelet GPIIIa. A disulphide pattern for the α -subunits of the integrin family. Biochemical Journal, 1991, 274, 63-71.	1.7	199
420	Further studies on the topography of the N-terminal region of human platelet glycoprotein IIIa. Localization of monoclonal antibody epitopes and the putative fibrinogen-binding sites. Biochemical Journal, 1991, 274, 457-463.	1.7	61
421	Characterisation of the N-linked oligosaccharides of the light chain of human glycoprotein IIb by f.a.b.-m.s.. Carbohydrate Research, 1991, 221, 169-177.	1.1	2
422	Variability of acrosin inhibitors in boar reproductive tract. Biomedica Biochimica Acta, 1991, 50, 691-5.	0.1	6
423	Characterization of the β -chain N-terminus heterogeneity and the β -chain C-terminus of human platelet GPIIb. FEBS Letters, 1990, 272, 37-40.	1.3	16
424	C-terminal amino acid determination of the transmembrane subunits of the human platelet fibrinogen receptor, the GPIIb/IIIa complex. FEBS Letters, 1990, 263, 43-46.	1.3	12
425	Complete localization of the disulfide bridges and glycosylation sites in boar sperm acrosin. FEBS Letters, 1990, 275, 139-142.	1.3	20
426	Immobilization-stabilization of enzymes; variables that control the intensity of the trypsin (amine)-agarose (aldehyde) multipoint attachment. Enzyme and Microbial Technology, 1989, 11, 353-359.	1.6	188
427	Complete localization of the intrachain disulphide bonds and the α -glycosylation points in the β -subunit of human platelet glycoprotein IIb. Biochemical Journal, 1989, 261, 561-568.	1.7	74
428	Interchain and intrachain disulphide bonds in human platelet glycoprotein IIb. Localization of the epitopes for several monoclonal antibodies. Biochemical Journal, 1989, 261, 551-560.	1.7	38
429	Tryptic digestion of human GPIIIa. Isolation and biochemical characterization of the 23 kDa α -terminal glycopeptide carrying the antigenic determinant for a monoclonal antibody (P37) which inhibits platelet aggregation. Biochemical Journal, 1988, 250, 697-704.	1.7	32
430	Molecular characterization of human platelet glycoproteins IIIa and IIb and the subunits of the latter. European Biophysics Journal, 1987, 14, 211-8.	1.2	16
431	Identification of a glycoprotein III a dimer in polyacrylamide gel separations of human platelet membranes. Thrombosis and Haemostasis, 1987, 58, 694-7.	1.8	2
432	New isolation procedure and further biochemical characterization of glycoproteins IIb and IIIa from human platelet plasma membrane. Biochemical Journal, 1986, 240, 147-153.	1.7	45

#	ARTICLE	IF	CITATIONS
433	Isolation and biochemical characterization of the α - and β -subunits of glycoprotein IIb of human platelet plasma membrane. <i>Biochemical Journal</i> , 1986, 240, 155-161.	1.7	31