

Libia Sanz

List of Publications by Year in descending order

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193
papers

12,064
citations

17440

63
h-index

33894

99
g-index

197
all docs

197
docs citations

197
times ranked

5308
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpopulational variation and ontogenetic shift in the venom composition of Lataste's viper (<i>Vipera</i>) Tj ETQq1 1 0,784314 rgBT /Overl	2.4	8
2	The earless monitor lizard <i>Lanthanotus borneensis</i> – A venomous animal?. <i>Toxicon</i> , 2021, 189, 73-78.	1.6	3
3	What's in a mass?. <i>Biochemical Society Transactions</i> , 2021, 49, 1027-1037.	3.4	3
4	Venomomics of the poorly studied hognosed pitvipers <i>Porthidium arcosae</i> and <i>Porthidium volcanicum</i> . <i>Journal of Proteomics</i> , 2021, 249, 104379.	2.4	2
5	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.	3.7	11
6	The molecular basis of venom resistance in a rattlesnake-squirrel predator-prey system. <i>Toxicon</i> , 2020, 177, S46.	1.6	1
7	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.	2.4	7
8	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.	2.9	19
9	The molecular basis of venom resistance in a rattlesnake-squirrel predator-prey system. <i>Molecular Ecology</i> , 2020, 29, 2871-2888.	3.9	23
10	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.	2.4	12
11	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.	1.6	9
12	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.	1.4	14
13	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.	1.6	0
14	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.	2.4	67
15	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.	1.6	22
16	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.	2.6	64
17	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.	2.4	34
18	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.	2.4	47

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19	Examination of biochemical and biological activities of <i>Bothrops jararaca</i> (Serpentes: Viperidae); Tj ETQq1 1 0.784314 rgBT /Qverlock 10	1.6	7
20	Translational Venomics: 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.	2.3	20
21	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.	7.5	8
22	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.	2.4	56
23	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.	3.7	82
24	Proteomic analysis of venom variability and ontogeny across the arboreal palm-pitvipers (genus) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 5	2.4	44
25	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.	1.0	14
26	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.	2.4	22
27	Preclinical Evaluation of the Efficacy of Antivenoms for Snakebite Envenoming: State-of-the-Art and Challenges Ahead. <i>Toxins</i> , 2017, 9, 163.	3.4	109
28	Venom On-a-Chip: A Fast and Efficient Method for Comparative Venomics. <i>Toxins</i> , 2017, 9, 179.	3.4	17
29	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.	3.0	25
30	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.	3.4	29
31	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.	3.4	16
32	Snake Venomics and Antivenomics of <i>Bothrops diporus</i> , a Medically Important Pitviper in Northeastern Argentina. <i>Toxins</i> , 2016, 8, 9.	3.4	22
33	Novel Catalytically-Inactive PII Metalloproteinases from a Viperid Snake Venom with Substitutions in the Canonical Zinc-Binding Motif. <i>Toxins</i> , 2016, 8, 292.	3.4	8
34	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.	3.4	44
35	Venoms of <i>Micrurus</i> coral snakes: Evolutionary trends in compositional patterns emerging from proteomic analyses. <i>Toxicon</i> , 2016, 122, 7-25.	1.6	89
36	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.	1.8	5

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37	Distribution of <i>RPTLN</i> Genes Across Reptilia: Hypothesized Role for RPTLN in the Evolution of SVMPS. <i>Integrative and Comparative Biology</i> , 2016, 56, 989-1003.	2.0	8
38	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.	2.6	13
39	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.	2.4	110
40	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.	1.6	23
41	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.	3.0	79
42	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.	2.4	70
43	Constructing comprehensive venom proteome reference maps for integrative venomomics. <i>Expert Review of Proteomics</i> , 2015, 12, 557-573.	3.0	61
44	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.	1.6	59
45	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.	2.8	9
46	NMR structure of bitistatin: A missing piece in the evolutionary pathway of snake venom disintegrins. <i>FEBS Journal</i> , 2015, 282, 341-360.	4.7	18
47	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.	2.4	50
48	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.	2.4	19
49	Omics Meets Biology: Application to the Design and Preclinical Assessment of Antivenoms. <i>Toxins</i> , 2014, 6, 3388-3405.	3.4	52
50	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.	2.4	39
51	Understanding structural and functional aspects of PII snake venom metalloproteinases: Characterization of BLatH1, a hemorrhagic dimeric enzyme from the venom of <i>Bothriechis lateralis</i> . <i>Biochimie</i> , 2014, 101, 145-155.	2.6	21
52	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.	2.4	97
53	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.	2.4	73
54	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.	2.4	94

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55	Medically important differences in snake venom composition are dictated by distinct postgenomic mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9205-9210.	7.1	253
56	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. Journal of Proteomics, 2014, 110, 198-208.	2.4	13
57	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. Toxicon, 2014, 79, 45-54.	1.6	10
58	Characterization and cDNA sequence of <i>Bothriechis schlegelii</i> l-amino acid oxidase with antibacterial activity. International Journal of Biological Macromolecules, 2014, 69, 200-207.	7.5	14
59	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> . Journal of Proteomics, 2013, 89, 112-123.	2.4	56
60	Integrated δ -profiling indicates that miRNAs are modulators of the ontogenetic venom composition shift in the Central American rattlesnake, <i>Crotalus simus simus</i> . BMC Genomics, 2013, 14, 234.	2.8	164
61	PVL, a new serine protease inhibitor from <i>Macrovipera lebetina transmediterranea</i> venom, impairs motility of human glioblastoma cells. Matrix Biology, 2013, 32, 52-62.	3.6	51
62	The king cobra genome reveals dynamic gene evolution and adaptation in the snake venom system. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20651-20656.	7.1	412
63	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. Toxicon, 2013, 64, 60-69.	1.6	20
64	Cloning and characterization of an antibacterial l-amino acid oxidase from <i>Crotalus durissus cumanensis</i> venom. Toxicon, 2013, 64, 1-11.	1.6	39
65	Assessing the preclinical efficacy of antivenoms: From the lethality neutralization assay to antivenomics. Toxicon, 2013, 69, 168-179.	1.6	66
66	Phylogeny-Based Comparative Analysis of Venom Proteome Variation in a Clade of Rattlesnakes (<i>Sistrurus</i> sp.). PLoS ONE, 2013, 8, e67220.	2.5	64
67	Snake venomomics 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> . Journal of Proteomics, 2012, 77, 280-297.	2.4	76
68	Snake venomomics and antivenomics of <i>Protobothrops mucrosquamatus</i> and <i>Viridovipera stejnegeri</i> from Taiwan: Keys to understand the variable immune response in horses. Journal of Proteomics, 2012, 75, 5628-5645.	2.4	70
69	Snake Venomomics 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. Journal of Proteome Research, 2012, 11, 1382-1390.	3.7	59
70	Snake venomomics of two poorly known Hydrophiinae: Comparative proteomics of the venoms of terrestrial <i>Toxicocalamus longissimus</i> and marine <i>Hydrophis cyanocinctus</i> . Journal of Proteomics, 2012, 75, 4091-4101.	2.4	57
71	Unusual Stability of Messenger RNA in Snake Venom Reveals Gene Expression Dynamics of Venom Replenishment. PLoS ONE, 2012, 7, e41888.	2.5	41
72	Venomomics and antivenomics profiles of North African <i>Cerastes cerastes</i> and <i>C. vipera</i> populations reveals a potentially important therapeutic weakness. Journal of Proteomics, 2012, 75, 2442-2453.	2.4	46

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73	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.	2.4	30
74	Venom variability and envenoming severity outcomes of the <i>Crotalus scutulatus scutulatus</i> (Mojave) Tj ETQq0 0 0 0 BT /Overlock 10 Tf	2.4	133
75	Combined snake venomics and venom gland transcriptomic analysis of <i>Bothropoides pauloensis</i> . <i>Journal of Proteomics</i> , 2012, 75, 2707-2720.	2.4	63
76	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
77	First draft of the genomic organization of a PIII-SVMP gene. <i>Toxicon</i> , 2012, 60, 455-469.	1.6	14
78	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.	1.6	14
79	Snake Venomics 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.	3.7	191
80	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.	3.7	105
81	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.	2.4	105
82	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.	2.1	25
83	Seminal Plasma Proteins: What Role Do They Play?. <i>American Journal of Reproductive Immunology</i> , 2011, 66, 11-22.	1.2	284
84	Profiling the venom gland transcriptomes of Costa Rican snakes by 454 pyrosequencing. <i>BMC Genomics</i> , 2011, 12, 259.	2.8	96
85	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.	2.6	11
86	Snake population venomics 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.	2.4	181
87	Snake venomics and venom gland transcriptomic analysis of Brazilian coral snakes, <i>Micrurus altirostris</i> and <i>M. corallinus</i> . <i>Journal of Proteomics</i> , 2011, 74, 1795-1809.	2.4	126
88	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.	1.9	55
89	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.	2.4	42
90	Snake venomics 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.	2.4	149

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91	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.	1.4	50
92	Snake Venomics 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.	3.7	55
93	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.	1.6	45
94	Snake Venomics 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.	3.7	206
95	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.	2.8	41
96	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.	2.6	72
97	Impact of Regional Variation in <i>Bothrops asper</i> Snake Venom on the Design of Antivenoms: Integrating Antivenomics and Neutralization Approaches. <i>Journal of Proteome Research</i> , 2010, 9, 564-577.	3.7	65
98	Antivenomics of <i>Atropoides mexicanus</i> and <i>Atropoides picadoi</i> snake venoms: Relationship to the neutralization of toxic and enzymatic activities. <i>Journal of Venom Research</i> , 2010, 1, 8-17.	0.6	11
99	Proteomic Analysis of Phosphorylated Nuclear Proteins Underscores Novel Roles for Rapid Actions of Retinoic Acid in the Regulation of mRNA Splicing and Translation. <i>Molecular Endocrinology</i> , 2009, 23, 1799-1814.	3.7	19
100	Venoms, venomics, antivenomics. <i>FEBS Letters</i> , 2009, 583, 1736-1743.	2.8	309
101	Snake Population Venomics: Proteomics-Based Analyses of Individual Variation Reveals Significant Gene Regulation Effects on Venom Protein Expression in <i>Sistrurus</i> Rattlesnakes. <i>Journal of Molecular Evolution</i> , 2009, 68, 113-125.	1.8	81
102	PSP spermadhesin exert a decapacitation effect on highly extended boar spermatozoa. <i>Journal of Developmental and Physical Disabilities</i> , 2009, 32, 505-513.	3.6	54
103	Distinct Effects of Boar Seminal Plasma Fractions Exhibiting Different Protein Profiles on the Functionality of Highly Diluted Boar Spermatozoa. <i>Reproduction in Domestic Animals</i> , 2009, 44, 200-205.	1.4	30
104	Combined snake venomics and venom gland transcriptomic analysis of the ocellated carpet viper, <i>Echis ocellatus</i> . <i>Journal of Proteomics</i> , 2009, 71, 609-623.	2.4	122
105	Snake venomics and antivenomics of <i>Bothrops colombiensis</i> , a medically important pitviper of the <i>Bothrops atrox-asper</i> complex endemic to Venezuela: Contributing to its taxonomy and snakebite management. <i>Journal of Proteomics</i> , 2009, 72, 227-240.	2.4	76
106	Snake venomics and antivenomics: Proteomic tools in the design and control of antivenoms for the treatment of snakebite envenoming. <i>Journal of Proteomics</i> , 2009, 72, 165-182.	2.4	180
107	Snake venomics and antivenomics of <i>Bothrops atrox</i> venoms from Colombia and the Amazon regions of Brazil, Peru and Ecuador suggest the occurrence of geographic variation of venom phenotype by a trend towards paedomorphism. <i>Journal of Proteomics</i> , 2009, 73, 57-78.	2.4	155
108	Exploring the Venom Proteome of the Western Diamondback Rattlesnake, <i>Crotalus atrox</i> , via Snake Venomics and Combinatorial Peptide Ligand Library Approaches. <i>Journal of Proteome Research</i> , 2009, 8, 3055-3067.	3.7	143

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109	Exposure to the seminal plasma of different portions of the boar ejaculate modulates the survival of spermatozoa cryopreserved in MiniFlatPacks. <i>Theriogenology</i> , 2009, 71, 662-675.	2.1	63
110	Studies on the venom proteome of <i>Bothrops asper</i> : Perspectives and applications. <i>Toxicon</i> , 2009, 54, 938-948.	1.6	43
111	Snake Venomics and Disintegrins. , 2009, , 337-357.		4
112	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.	2.4	114
113	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.	2.4	91
114	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.	2.4	73
115	Localization and expression of spermadhesin PSPα subunits in the reproductive organs of the boar. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 408-417.	3.6	12
116	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.	3.7	137
117	Major proteins of boar seminal plasma as a tool for biotechnological preservation of spermatozoa. <i>Theriogenology</i> , 2008, 70, 1352-1355.	2.1	52
118	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.	3.7	302
119	Thermodynamic characterization of the palm tree <i>Roystonea regia</i> peroxidase stability. <i>Biochimie</i> , 2008, 90, 1737-1749.	2.6	26
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