

Juan Calvete

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416
papers

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21,039
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#	Paper	IF	Citations
416	Arg-Gly-Asp constrained within cyclic pentapeptides. Strong and selective inhibitors of cell adhesion to vitronectin and laminin fragment P1. <i>FEBS Letters</i> , 1991 , 291, 50-4	3.8	463
415	Snakebite envenoming. <i>Nature Reviews Disease Primers</i> , 2017 , 3, 17063	51.1	362
414	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, 20651-6	11.5	344
413	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, 5238-48	13	277
412	Snake venomomics. Strategy and applications. <i>Journal of Mass Spectrometry</i> , 2007 , 42, 1405-14	2.2	276
411	Snake venomomics of the lancehead pitviper <i>Bothrops asper</i> : geographic, individual, and ontogenetic variations. <i>Journal of Proteome Research</i> , 2008 , 7, 3556-71	5.6	268
410	Crystal structure of the first dissimilatory nitrate reductase at 1.9 Å solved by MAD methods. <i>Structure</i> , 1999 , 7, 65-79	5.2	257
409	Venoms, venomomics, antivenomics. <i>FEBS Letters</i> , 2009 , 583, 1736-43	3.8	253
408	Seminal plasma proteins: what role do they play?. <i>American Journal of Reproductive Immunology</i> , 2011 , 66 Suppl 1, 11-22	3.8	229
407	Snake venom disintegrins: evolution of structure and function. <i>Toxicon</i> , 2005 , 45, 1063-74	2.8	214
406	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 pedomorphic trend along <i>Crotalus</i> dispersal in South America. <i>Journal of Proteome Research</i> , 2010 , 9, 528-44	5.6	188
405	Assignment of disulphide bonds in human platelet GPIIb. A disulphide pattern for the beta-subunits of the integrin family. <i>Biochemical Journal</i> , 1991 , 274 (Pt 1), 63-71	3.8	186
404	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, 9205-10	11.5	177
403	Immobilization-stabilization of enzymes; variables that control the intensity of the trypsin (amine)-agarose (aldehyde) multipoint attachment. <i>Enzyme and Microbial Technology</i> , 1989 , 11, 353-359	3.8	173
402	Boar spermatozoa in the oviduct. <i>Theriogenology</i> , 2005 , 63, 514-35	2.8	168
401	Snake venomomics and antivenomics: Proteomic tools in the design and control of antivenoms for the treatment of snakebite envenoming. <i>Journal of Proteomics</i> , 2009 , 72, 165-82	3.9	161
400	Ending the drought: new strategies for improving the flow of affordable, effective antivenoms in Asia and Africa. <i>Journal of Proteomics</i> , 2011 , 74, 1735-67	3.9	161

399	Snake venom disintegrins: novel dimeric disintegrins and structural diversification by disulphide bond engineering. <i>Biochemical Journal</i> , 2003 , 372, 725-34	3.8	159
398	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, 510-27	3.9	158
397	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, 1266-80	5.6	151
396	Snake venomomics: from the inventory of toxins to biology. <i>Toxicon</i> , 2013 , 75, 44-62	2.8	146
395	Proteomic tools against the neglected pathology of snake bite envenoming. <i>Expert Review of Proteomics</i> , 2011 , 8, 739-58	4.2	141
394	Spermadhesins: a new protein family. Facts, hypotheses and perspectives. <i>Andrologia</i> , 1998 , 30, 217-24	2.4	139
393	Integrated "omics" 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	4.5	137
392	Snake venomomics 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	3.9	137
391	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, 1758-76	3.9	127
390	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	7	125
389	Snake venomomics and antivenomics of the arboreal neotropical pitvipers <i>Bothriechis lateralis</i> and <i>Bothriechis schlegelii</i> . <i>Journal of Proteome Research</i> , 2008 , 7, 2445-57	5.6	121
388	Venom proteomes of closely related <i>Sistrurus</i> rattlesnakes with divergent diets. <i>Journal of Proteome Research</i> , 2006 , 5, 2098-112	5.6	120
387	Exploring the venom proteome of the western diamondback rattlesnake, <i>Crotalus atrox</i> , via snake venomomics and combinatorial peptide ligand library approaches. <i>Journal of Proteome Research</i> , 2009 , 8, 3055-67	5.6	118
386	Obtustatin: a potent selective inhibitor of alpha1beta1 integrin in vitro and angiogenesis in vivo. <i>Cancer Research</i> , 2003 , 63, 2020-3	10.1	118
385	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, 112-8	3.8	116
384	Evolution of snake venom disintegrins by positive Darwinian selection. <i>Molecular Biology and Evolution</i> , 2008 , 25, 2391-407	8.3	115
383	Snake venomomics 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, 1795-809	3.9	111
382	Structural requirements of echistatin for the recognition of alpha(v)beta(3) and alpha(5)beta(1) integrins. <i>Journal of Biological Chemistry</i> , 1999 , 274, 37809-14	5.4	111

381	The crystal structures of two spermadhesins reveal the CUB domain fold. <i>Nature Structural Biology</i> , 1997 , 4, 783-8		110
380	Venom variability and envenoming severity outcomes of the <i>Crotalus scutulatus scutulatus</i> (Mojave rattlesnake) from Southern Arizona. <i>Journal of Proteomics</i> , 2012 , 75, 2576-87	3.9	109
379	Combined snake venomomics and venom gland transcriptomic analysis of the ocellated carpet viper, <i>Echis ocellatus</i> . <i>Journal of Proteomics</i> , 2009 , 71, 609-23	3.9	108
378	Snake venomomics 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	3.9	104
377	Venomomics: integrative venom proteomics and beyond. <i>Biochemical Journal</i> , 2017 , 474, 611-634	3.8	103
376	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, 327-38	4.8	101
375	Snake venomomics: comparative analysis of the venom proteomes of the Tunisian snakes <i>Cerastes cerastes</i> , <i>Cerastes vipera</i> and <i>Macrovipera lebetina</i> . <i>Proteomics</i> , 2005 , 5, 4223-35	4.8	97
374	Snake venomomics 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, 4396-408	5.6	96
373	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	4.8	94
372	Snake venomomics of <i>Bitis gabonica gabonica</i> . Protein family composition, subunit organization of venom toxins, and characterization of dimeric disintegrins bitisgabonin-1 and bitisgabonin-2. <i>Journal of Proteome Research</i> , 2007 , 6, 326-36	5.6	93
371	Snake venomomics of <i>Bitis</i> species reveals large intragenus venom toxin composition variation: application to taxonomy of congeneric taxa. <i>Journal of Proteome Research</i> , 2007 , 6, 2732-45	5.6	93
370	Influence of porcine spermadhesins on the susceptibility of boar spermatozoa to high dilution. <i>Biology of Reproduction</i> , 2003 , 69, 640-6	3.9	93
369	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, 201-6	3.8	89
368	Next-generation snake venomomics: protein-locus resolution through venom proteome decomplexation. <i>Expert Review of Proteomics</i> , 2014 , 11, 315-29	4.2	87
367	Amino acid sequence of HSP-1, a major protein of stallion seminal plasma: effect of glycosylation on its heparin- and gelatin-binding capabilities. <i>Biochemical Journal</i> , 1995 , 310 (Pt 2), 615-22	3.8	87
366	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	2.6	87
365	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	3.9	86
364	Second generation snake antivenomics: comparing immunoaffinity and immunodepletion protocols. <i>Toxicon</i> , 2012 , 60, 688-99	2.8	86

363	Venomic and antivenomic analyses of the Central American coral snake, <i>Micrurus nigrocinctus</i> (Elapidae). <i>Journal of Proteome Research</i> , 2011 , 10, 1816-27	5.6	86
362	Venomomics of New World pit vipers: genus-wide comparisons of venom proteomes across <i>Agkistrodon</i> . <i>Journal of Proteomics</i> , 2014 , 96, 103-16	3.9	84
361	Profiling the venom gland transcriptomes of Costa Rican snakes by 454 pyrosequencing. <i>BMC Genomics</i> , 2011 , 12, 259	4.5	84
360	EC3, a novel heterodimeric disintegrin from <i>Echis carinatus</i> venom, inhibits alpha4 and alpha5 integrins in an RGD-independent manner. <i>Journal of Biological Chemistry</i> , 1999 , 274, 12468-73	5.4	84
359	<i>Staphylococcus aureus</i> pathogenicity island DNA is packaged in particles composed of phage proteins. <i>Journal of Bacteriology</i> , 2008 , 190, 2434-40	3.5	82
358	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, 1057-64	3.9	82
357	On the structure and function of platelet integrin alpha IIb beta 3, the fibrinogen receptor. <i>Experimental Biology and Medicine</i> , 1995 , 208, 346-60	3.7	81
356	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, 323-39	3.9	80
355	Biophysical characterization of the interaction of bovine seminal plasma protein PDC-109 with phospholipid vesicles. <i>European Biophysics Journal</i> , 1998 , 27, 33-41	1.9	80
354	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	2.2	79
353	Cryosurvival and in vitro fertilizing capacity postthaw is improved when boar spermatozoa are frozen in the presence of seminal plasma from good freezer boars. <i>Journal of Andrology</i> , 2007 , 28, 689-97		79
352	Sperm coating mechanism from the 1.8 Å crystal structure of PDC-109-phosphorylcholine complex. <i>Structure</i> , 2002 , 10, 505-14	5.2	79
351	Identification of the disulfide bond pattern in albolabrin, an RGD-containing peptide from the venom of <i>Trimeresurus albolabris</i> : significance for the expression of platelet aggregation inhibitory activity. <i>Biochemistry</i> , 1991 , 30, 5225-9	3.2	79
350	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, 2169-79	3.9	78
349	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	4	78
348	Snake venomomics of the Armenian mountain vipers <i>Macrovipera lebetina obtusa</i> and <i>Vipera raddei</i> . <i>Journal of Proteomics</i> , 2008 , 71, 198-209	3.9	77
347	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, 2539-56	5.6	76
346	The continuing saga of snake venom disintegrins. <i>Toxicon</i> , 2013 , 62, 40-9	2.8	75

345	Hydrodynamic liver gene transfer mechanism involves transient sinusoidal blood stasis and massive hepatocyte endocytic vesicles. <i>Gene Therapy</i> , 2005 , 12, 927-35	4	74
344	Crystal structure of a prostate kallikrein isolated from stallion seminal plasma: a homologue of human PSA. <i>Journal of Molecular Biology</i> , 2002 , 322, 325-37	6.5	74
343	Mitochondrial and nuclear localization of a novel pea thioredoxin: identification of its mitochondrial target proteins. <i>Plant Physiology</i> , 2009 , 150, 646-57	6.6	73
342	Snake population venomomics: proteomics-based analyses of individual variation reveals significant gene regulation effects on venom protein expression in <i>Sistrurus rattlesnakes</i> . <i>Journal of Molecular Evolution</i> , 2009 , 68, 113-25	3.1	73
341	Boar spermadhesin AWN-1. Oligosaccharide and zona pellucida binding characteristics. <i>FEBS Journal</i> , 1995 , 230, 329-36		72
340	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, 114-8	3.8	71
339	Preclinical Evaluation of the Efficacy of Antivenoms for Snakebite Envenoming: State-of-the-Art and Challenges Ahead. <i>Toxins</i> , 2017 , 9,	4.9	70
338	Importance of the structure of the RGD-containing loop in the disintegrins echistatin and eristostatin for recognition of alpha IIb beta 3 and alpha v beta 3 integrins. <i>FEBS Letters</i> , 1996 , 391, 139-43	2.8	70
337	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, 635-49	6.5	69
336	The complete primary structure of the spermadhesin AWN, a zona pellucida-binding protein isolated from boar spermatozoa. <i>FEBS Letters</i> , 1992 , 300, 213-8	3.8	69
335	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, 13302-9	3.2	68
334	Snake venomomics 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, 708-19	5.6	66
333	Snake venomomics 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, 227-40	3.9	65
332	ATP sulfurylases from sulfate-reducing bacteria of the genus <i>Desulfovibrio</i> . A novel metalloprotein containing cobalt and zinc. <i>Biochemistry</i> , 1998 , 37, 16225-32	3.2	65
331	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	4.8	64
330	Complete localization of the intrachain disulphide bonds and the N-glycosylation points in the alpha-subunit of human platelet glycoprotein IIb. <i>Biochemical Journal</i> , 1989 , 261, 561-8	3.8	64
329	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, 273-83	4.6	63
328	Conformational features and thermal stability of bovine seminal plasma protein PDC-109 oligomers and phosphorylcholine-bound complexes. <i>FEBS Journal</i> , 1997 , 250, 735-44		63

327	Venoms of <i>Micrurus</i> coral snakes: Evolutionary trends in compositional patterns emerging from proteomic analyses. <i>Toxicon</i> , 2016 , 122, 7-25	2.8	62
326	The presence of the WGD motif in CC8 heterodimeric disintegrin increases its inhibitory effect on alpha1(b)beta3, alpha(v)beta3, and alpha5beta1 integrins. <i>Biochemistry</i> , 2002 , 41, 2014-21	3.2	61
325	Inhibitory effects of MLDG-containing heterodimeric disintegrins reveal distinct structural requirements for interaction of the integrin alpha 9beta 1 with VCAM-1, tenascin-C, and osteopontin. <i>Journal of Biological Chemistry</i> , 2000 , 275, 31930-7	5.4	61
324	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	5.6	60
323	The paraspecific neutralisation of snake venom induced coagulopathy by antivenoms. <i>Communications Biology</i> , 2018 , 1, 34	6.7	59
322	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, 564-77	5.6	59
321	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, 473-85	3.9	59
320	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, 280-97	3.9	58
319	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, 179-82	3.8	58
318	A procedure for the large-scale isolation of major bovine seminal plasma proteins. <i>Protein Expression and Purification</i> , 1996 , 8, 48-56	2	58
317	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, 340-50	3.9	57
316	Combined snake venomics and venom gland transcriptomic analysis of <i>Bothropoides pauloensis</i> . <i>Journal of Proteomics</i> , 2012 , 75, 2707-20	3.9	57
315	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, 662-75	2.8	57
314	Purification and characterization of a lectin from seeds of <i>Vatairea macrocarpa</i> Duke. <i>Phytochemistry</i> , 1998 , 49, 675-80	4	56
313	Molecular characterization and crystallization of Diocleinae lectins. <i>BBA - Proteins and Proteomics</i> , 1999 , 1430, 367-75		56
312	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, 203-6	3.8	56
311	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. <i>Biochemical Journal</i> , 1991 , 274 (Pt 2), 457-63	3.8	56
310	The disulfide bridge pattern of snake venom disintegrins, flavoridin and echistatin. <i>FEBS Letters</i> , 1992 , 309, 316-20	3.8	56

309	Constructing comprehensive venom proteome reference maps for integrative venomomics. <i>Expert Review of Proteomics</i> , 2015 , 12, 557-73	4.2	55
308	Phylogeny-based comparative analysis of venom proteome variation in a clade of rattlesnakes (<i>Sistrurus</i> sp.). <i>PLoS ONE</i> , 2013 , 8, e67220	3.7	55
307	The primary structure of BSP-30K, a major lipid-, gelatin-, and heparin-binding glycoprotein of bovine seminal plasma. <i>FEBS Letters</i> , 1996 , 399, 147-52	3.8	55
306	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		55
305	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, 2128-40	3.9	54
304	Assessing the preclinical efficacy of antivenoms: from the lethality neutralization assay to antivenomics. <i>Toxicon</i> , 2013 , 69, 168-79	2.8	54
303	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. <i>Journal of Proteomics</i> , 2012 , 75, 5628-45	3.9	53
302	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, 4234-41	5.6	53
301	Proteomic identification of actin-derived oligopeptides in dry-cured ham. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 3613-9	5.7	53
300	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	3.9	52
299	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, 148-64	3.9	52
298	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, 369-74	2.8	52
297	Antivenomics and venom phenotyping: A marriage of convenience to address the performance and range of clinical use of antivenoms. <i>Toxicon</i> , 2010 , 56, 1284-91	2.8	52
296	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 (Pt 2), 523-32	3.8	52
295	Snake venomomics 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, 4091-101	3.9	51
294	Disulphide-bond pattern and molecular modelling of the dimeric disintegrin EMF-10, a potent and selective integrin $\beta 1$ antagonist from <i>Eristocophis macmahoni</i> venom. <i>Biochemical Journal</i> , 2000 , 345, 573-581	3.8	51
293	Characterization of two glycosylated boar spermadhesins. <i>FEBS Journal</i> , 1993 , 218, 719-25		51
292	Structure-function correlations of snake venom disintegrins. <i>Current Pharmaceutical Design</i> , 2005 , 11, 829-35	3.3	50

291	Alboaggregins A and B. Structure and Interaction with Human Platelets. <i>Thrombosis and Haemostasis</i> , 1998 , 79, 609-613	7	50
290	Boar spermadhesins AQN-1 and AWN are sperm-associated acrosin inhibitor acceptor proteins. <i>FEBS Letters</i> , 1992 , 300, 63-6	3.8	50
289	Snake venomomics of <i>Crotalus tigris</i> : the minimalist toxin arsenal of the deadliest Nearctic rattlesnake venom. Evolutionary Clues for generating a pan-specific antivenom against crotalid type II venoms [corrected]. <i>Journal of Proteome Research</i> , 2012 , 11, 1382-90	5.6	49
288	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, 142-52	3.1	49
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16	Analytical strategies in venomics.	<i>Microchemical Journal</i> , 2022 , 175, 107187	4.8	0
15	Present and Future of Snake Venom Proteomics Profiling	2021 , 19-28		0
14	Third-generation antivenomics analysis of the preclinical efficacy of Bothrofav□ antivenom towards venom.	<i>Toxicon: X</i> , 2019 , 1, 100004	2.6	0
13	The earless monitor lizard <i>Lanthanotus borneensis</i> - A venomous animal?.	<i>Toxicon</i> , 2021 , 189, 73-78	2.8	0
12	Venomics of the poorly studied hognosed pitvipers <i>Porthidium arcosae</i> and <i>Porthidium volcanicum</i> .	<i>Journal of Proteomics</i> , 2021 , 249, 104379	3.9	0
11	Interpopulational variation and ontogenetic shift in the venom composition of Lataste□ viper (<i>Vipera latastei</i> , Bosc□ 1878) from northern Portugal..	<i>Journal of Proteomics</i> , 2022 , 104613	3.9	0
10	The proteome quest to understand biology and disease (HUPO 2014).	<i>Journal of Proteomics</i> , 2015 , 127, 223-4	3.9	
9	Mass Spectrometric Analysis of the Phosphorylation State of Human Platelet Glycoprotein IIIa.	<i>Platelets</i> , 1995 , 6, 265-9	3.6	
8	IDENTIFICATION OF BOAR SPERM SURFACE PROTEINS WITH AFFINITY FOR PORCINE ZONA PELLUCIDA.	<i>Reproduction in Domestic Animals</i> , 1995 , 31, 229-231	1.6	
7	Structural Characterisation of Porcine Seminal Plasma Psp-I/Psp-II, a Paradigm Spermadhesin Molecule Built by Heterodimerization of Glycosylated Subunits	2000 , 241-250		
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5	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..	<i>Blood</i> , 2005 , 106, 3272-3272	2.2	
4	Analysis of B-CLL Transcriptomic and Proteomic Profiles: Differences between Molecular Subgroups..	<i>Blood</i> , 2006 , 108, 2088-2088	2.2	

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