## Transcriptome analysis of the venom glands of the Chir

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Citation Report

#	Article	IF	CITATIONS
1	Venom components from Citharischius crawshayi spider (Family Theraphosidae): exploring transcriptome, venomics, and function. Cellular and Molecular Life Sciences, 2010, 67, 2799-2813.	2.4	39
2	A novel expression profile of the Loxosceles intermedia spider venomous gland revealed by transcriptome analysis. Molecular BioSystems, 2010, 6, 2403.	2.9	95
3	Molecular Diversification of Peptide Toxins from the Tarantula <i>Haplopelma hainanum</i> ( <i>Ornithoctonus hainana</i> ) Venom Based on Transcriptomic, Peptidomic, and Genomic Analyses. Journal of Proteome Research, 2010, 9, 2550-2564.	1.8	106
4	Novel Class of Spider Toxin. Journal of Biological Chemistry, 2010, 285, 32293-32302.	1.6	38
5	Venom Composition and Strategies in Spiders. Advances in Insect Physiology, 2011, 40, 1-86.	1.1	121
6	Scorpion and spider venom peptides: Gene cloning and peptide expression. Toxicon, 2011, 58, 644-663.	0.8	60
7	Chemical Punch Packed in Venoms Makes Centipedes Excellent Predators. Molecular and Cellular Proteomics, 2012, 11, 640-650.	2.5	107
8	Analysis of Litopenaeus vannamei Transcriptome Using the Next-Generation DNA Sequencing Technique. PLoS ONE, 2012, 7, e47442.	1.1	117
9	Modulation of P2X3 receptors by spider toxins. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2868-2875.	1.4	21
10	A Venom-derived Neurotoxin, CsTx-1, from the Spider Cupiennius salei Exhibits Cytolytic Activities. Journal of Biological Chemistry, 2012, 287, 25640-25649.	1.6	35
11	Multicomponent venom of the spider <i>Cupiennius salei</i> : a bioanalytical investigation applying different strategies. FEBS Journal, 2012, 279, 2683-2694.	2.2	27
12	Transcriptome analysis of venom glands from a single fishing spider Dolomedes mizhoanus. Toxicon, 2013, 73, 23-32.	0.8	24
13	Trascriptome analysis of the Paciff white shrimp Litopenaeus vannamei exposed to nitrite by RNA-seq. Fish and Shellfish Immunology, 2013, 35, 2008-2016.	1.6	75
14	Molecular systematics of the wolf spider genus Lycosa (Araneae: Lycosidae) in the Western Mediterranean Basin. Molecular Phylogenetics and Evolution, 2013, 67, 414-428.	1.2	35
15	A combined de novo protein sequencing and cDNA library approach to the venomic analysis of Chinese spider Araneus ventricosus. Journal of Proteomics, 2013, 78, 416-427.	1.2	49
16	Molecular cloning and characterization of two peptide toxins from the spider Araneus ventricosus. Journal of Asia-Pacific Entomology, 2013, 16, 81-86.	0.4	2
17	Main Components of Spider Venoms. , 2013, , 191-202.		1
18	The Cytotoxic Mode of Action of the Venom of Cupiennius salei (Ctenidae). , 2013, , 217-228.		3

#	Article	IF	CITATIONS
19	The proteomic profile of Stichodactyla duerdeni secretion reveals the presence of a novel O-linked glycopeptide. Journal of Proteomics, 2013, 87, 89-102.	1.2	23
20	A novel ICK peptide from the Loxosceles intermedia (brown spider) venom gland: Cloning, heterologous expression and immunological cross-reactivity approaches. Toxicon, 2013, 71, 147-158.	0.8	24
21	Cysteine-rich toxins from Lachesana tarabaevi spider venom with amphiphilic C-terminal segments. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 724-731.	1.4	30
22	Solution Structures of Two Homologous Venom Peptides from Sicarius dolichocephalus. PLoS ONE, 2013, 8, e54401.	1.1	6
23	Toxin Diversity Revealed by a Transcriptomic Study of Ornithoctonus huwena. PLoS ONE, 2014, 9, e100682.	1.1	15
24	Spider venomics: implications for drug discovery. Future Medicinal Chemistry, 2014, 6, 1699-1714.	1.1	81
25	Comprehensive analysis of the venom gland transcriptome of the spider Dolomedes fimbriatus. Scientific Data, 2014, 1, 140023.	2.4	19
26	Recent advances in the understanding of brown spider venoms: From the biology of spiders to the molecular mechanisms of toxins. Toxicon, 2014, 83, 91-120.	0.8	116
27	Structure of the yellow sac spider <i><scp>C</scp>heiracanthium punctorium</i> genes provides clues to evolution of insecticidal twoâ€domain knottin toxins. Insect Molecular Biology, 2014, 23, 527-538.	1.0	15
28	A method combining SPITC and <sup>18</sup> O labeling for simultaneous protein identification and relative quantification. Journal of Mass Spectrometry, 2014, 49, 400-408.	0.7	4
29	Analysis of transcriptomes of three orbâ€web spider species reveals gene profiles involved in silk and toxin. Insect Science, 2014, 21, 687-698.	1.5	13
30	Gene structure, regulatory control, and evolution of black widow venom latrotoxins. FEBS Letters, 2014, 588, 3891-3897.	1.3	16
31	Evaluating troponin <scp>C</scp> from <i><scp>P</scp>soroptes cuniculi</i> as a diagnostic antigen for a dotâ€ <scp>ELISA</scp> assay to diagnose mite infestations in rabbits. Parasite Immunology, 2014, 36, 53-59.	0.7	10
32	Sma3s: A Three-Step Modular Annotator for Large Sequence Datasets. DNA Research, 2014, 21, 341-353.	1.5	80
33	Dramatic expansion of the black widow toxin arsenal uncovered by multi-tissue transcriptomics and venom proteomics. BMC Genomics, 2014, 15, 366.	1.2	93
34	The Rise and Fall of an Evolutionary Innovation: Contrasting Strategies of Venom Evolution in Ancient and Young Animals. PLoS Genetics, 2015, 11, e1005596.	1.5	121
35	Identification and Characterization of a Novel Family of Cysteine-Rich Peptides (MgCRP-I) from <i>Mytilus galloprovincialis</i> . Genome Biology and Evolution, 2015, 7, 2203-2219.	1.1	16
36	Structural and Functional Diversity of Peptide Toxins from Tarantula Haplopelma hainanum (Ornithoctonus hainana) Venom Revealed by Transcriptomic, Peptidomic, and Patch Clamp Approaches. Journal of Biological Chemistry, 2015, 290, 14192-14207.	1.6	18

CITATION REPORT ARTICLE IF CITATIONS A survey of the venom of the spider Lycosa vittata by biochemical, pharmacological and 0.8 12 transcriptomic analyses. Toxicon, 2015, 107, 335-343. Biotechnological Trends in Spider and Scorpion Antivenom Development. Toxins, 2016, 8, 226. 1.5 Characterization of Three Venom Peptides from the Spitting Spider Scytodes thoracica. PLoS ONE, 1.1 6 2016, 11, e0156291. Autocrineâ€Based Selection of Drugs That Target Ion Channels from Combinatorial Venom Peptide Libraries. Angewandte Chemie - International Edition, 2016, 55, 9306-9310. Identification and characterization of toxins in the venom gland of the Chinese bird 1.5 14 spider, <i>Haplopelma hainanum </i>, by transcriptomic analysis. Insect Science, 2016, 23, 487-499. Venom of Cupiennius salei (Ctenidae)., 2016, , 47-70. Low cost venom extractor based on Arduino® board for electrical venom extraction from 0.8 17 arthropods and other small animals. Toxicon, 2016, 118, 156-161. Structure of purotoxin-2 from wolf spider: modular design and membrane-assisted mode of action in 1.7 16 arachnid toxins. Biochemical Journal, 2016, 473, 3113-3126. Dietary breadth is positively correlated with venom complexity in cone snails. BMC Genomics, 2016, 17, 1.2 81 401. Effects of Gene Duplication, Positive Selection, and Shifts in Gene Expression on the Evolution of the 1.1 54 Venom Gland Transcriptome in Widow Spiders. Genome Biology and Evolution, 2016, 8, 228-242. Spider Transcriptomes from Venom Glands: Molecular Diversity of Ion Channel Toxins and 0 Antimicrobial Peptide Transcripts., 2016, , 223-249. Autocrineâ€Based Selection of Drugs That Target Ion Channels from Combinatorial Venom Peptide 1.6 Libraries. Angewandte Chemie, 2016, 128, 9452-9456. Agatoxin-like peptides in the neuroendocrine system of the honey bee and other insects. Journal of 1.2 30 Proteomics, 2016, 132, 77-84. Translationally Controlled Tumor Protein (TCTP/HRF) in Animal Venoms. Results and Problems in Cell 0.2 Differentiation, 2017, 64, 193-200. Peptidomic and transcriptomic profiling of four distinct spider venoms. PLoS ONE, 2017, 12, e0172966. 1.1 25 Identification of a precursor processing protease from the spider Cupiennius salei essential for 23 venom neurotoxin maturation. Journal of Biological Chemistry, 2018, 293, 2079-2090. Toxin diversity revealed by the venom gland transcriptome of Pardosa pseudoannulata, a natural enemy of several insect pests. Comparative Biochemistry and Physiology Part D: Genomics and 0.4 11 Proteomics, 2018, 28, 172-182.

55An overview of Phoneutria nigriventer spider venom using combined transcriptomic and proteomic1.14655approaches. PLoS ONE, 2018, 13, e0200628.1.146

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#	Article	IF	CITATIONS
56	Transcriptome analysis provides insights into the immunity function of venom glands in Pardosa pseudoannulata in responses to cadmium toxicity. Environmental Science and Pollution Research, 2018, 25, 23875-23882.	2.7	14
57	Spider Venom: Components, Modes of Action, and Novel Strategies in Transcriptomic and Proteomic Analyses. Toxins, 2019, 11, 611.	1.5	71
58	The Dual Prey-Inactivation Strategy of Spiders—In-Depth Venomic Analysis of Cupiennius salei. Toxins, 2019, 11, 167.	1.5	35
59	Transcriptome analysis of the spider Phoneutria pertyi venom glands reveals novel venom components for the genus Phoneutria. Toxicon, 2019, 163, 59-69.	0.8	15
60	Not so Dangerous After All? Venom Composition and Potency of the Pholcid (Daddy Long-Leg) Spider Physocyclus mexicanus. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	13
61	An Economic Dilemma between Molecular Weapon Systems May Explain an Arachno-Atypical Venom in Wasp Spiders (Argiope bruennichi). Biomolecules, 2020, 10, 978.	1.8	13
62	Proteotranscriptomic Insights into the Venom Composition of the Wolf Spider Lycosa tarantula. Toxins, 2020, 12, 501.	1.5	8
63	LCTX-F2, a Novel Potentiator of Coagulation Factors From the Spider Venom of Lycosa singoriensis. Frontiers in Pharmacology, 2020, 11, 896.	1.6	5
64	Brown spider venom toxins: what are the functions of astacins, serine proteases, hyaluronidases, allergens, TCTP, serpins and knottins?. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2021, 27, e20200188.	0.8	9
65	A Novel Insecticidal Spider Peptide that Affects the Mammalian Voltage-Gated Ion Channel hKv1.5. Frontiers in Pharmacology, 2020, 11, 563858.	1.6	11
66	Neurotoxins in the venom gland of Calommata signata, a burrowing spider. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 40, 100871.	0.4	2
67	SVM-Based Prediction of Propeptide Cleavage Sites in Spider Toxins Identifies Toxin Innovation in an Australian Tarantula. PLoS ONE, 2013, 8, e66279.	1.1	30
68	A Comparative Analysis of the Venom Gland Transcriptomes of the Fishing Spiders Dolomedes mizhoanus and Dolomedes sulfurous. PLoS ONE, 2015, 10, e0139908.	1.1	10
69	Spider Transcriptomes from Venom Glands: Molecular Diversity of Ion Channel Toxins and Antimicrobial Peptide Transcripts. , 2015, , 1-20.		1
70	Venom of Cupiennius salei (Ctenidae). , 2015, , 1-19.		0
72	Analysis of Eight Spider Venom Glands Using Raman Spectroscopy. Journal of Molecular Structure, 2022, , 133009.	1.8	0
79	The Molecular Composition of Peptide Toxins in the Venom of Spider Lycosa coelestis as Revealed by cDNA Library and Transcriptomic Sequencing. Toxins, 2023, 15, 143.	1.5	4
80	Holistic profiling of the venom from the Brazilian wandering spider Phoneutria nigriventer by combining high-throughput ion channel screens with venomics. Frontiers in Molecular Biosciences, 0, 10, .	1.6	6

#	Article	IF	CITATIONS
81	Complete mitochondrial genomes of Lycosa grahami and Lycosa sp. (Araneae: Lycosidae): comparison within the family Lycosidae. International Journal of Tropical Insect Science, 0, , .	0.4	0
82	Unveiling the Impact of Gene Presence/Absence Variation in Driving Inter-Individual Sequence Diversity within the CRP-I Gene Family in Mytilus spp Genes, 2023, 14, 787.	1.0	1

CITATION REPORT