

Cassandra Marie Modahl

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

497
citations

623699

14
h-index

839512

18
g-index

27
all docs

27
docs citations

27
times ranked

680
citing authors

#	ARTICLE	IF	CITATIONS
1	An analysis of venom ontogeny and prey-specific toxicity in the Monocled Cobra (<i>Naja kaouthia</i>). <i>Toxicon</i> , 2016, 119, 8-20.	1.6	55
2	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
3	Cysteine-Rich Secretary Proteins (CRISPs) from Venomous Snakes: An Overview of the Functional Diversity in a Large and Underappreciated Superfamily. <i>Toxins</i> , 2020, 12, 175.	3.4	47
4	Adaptive evolution of distinct prey-specific toxin genes in rear-fanged snake venom. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181003.	2.6	45
5	JNK pathway restricts DENV2, ZIKV and CHIKV infection by activating complement and apoptosis in mosquito salivary glands. <i>PLoS Pathogens</i> , 2020, 16, e1008754.	4.7	44
6	Transcriptome-facilitated proteomic characterization of rear-fanged snake venoms reveal abundant metalloproteinases with enhanced activity. <i>Journal of Proteomics</i> , 2018, 187, 223-234.	2.4	34
7	Venoms of Rear-Fanged Snakes: New Proteins and Novel Activities. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	31
8	Full-Length Venom Protein cDNA Sequences from Venom-Derived mRNA: Exploring Compositional Variation and Adaptive Multigene Evolution. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004587.	3.0	27
9	Omics Technologies for Profiling Toxin Diversity and Evolution in Snake Venom: Impacts on the Discovery of Therapeutic and Diagnostic Agents. <i>Annual Review of Animal Biosciences</i> , 2020, 8, 91-116.	7.4	24
10	Venom analysis of long-term captive Pakistan cobra (<i>Naja naja</i>) populations. <i>Toxicon</i> , 2010, 55, 612-618.	1.6	22
11	Disintegrins of <i>Crotalus simus tzabcan</i> venom: Isolation, characterization and evaluation of the cytotoxic and anti-adhesion activities of tzabcanin, a new RGD disintegrin. <i>Biochimie</i> , 2015, 116, 92-102.	2.6	22
12	Transcriptomic Signatures of Tacaribe Virus-Infected Jamaican Fruit Bats. <i>MSphere</i> , 2017, 2, .	2.9	20
13	High resolution proteomics of <i>Aedes aegypti</i> salivary glands infected with either dengue, Zika or chikungunya viruses identify new virus specific and broad antiviral factors. <i>Scientific Reports</i> , 2021, 11, 23696.	3.3	20
14	Toxins Are an Excellent Source of Therapeutic Agents against Cardiovascular Diseases. <i>Seminars in Thrombosis and Hemostasis</i> , 2018, 44, 691-706.	2.7	17
15	Proteomic Deep Mining the Venom of the Red-Headed Krait, <i>Bungarus flaviceps</i> . <i>Toxins</i> , 2018, 10, 373.	3.4	16
16	Interspecific and intraspecific venom enzymatic variation among cobras (<i>Naja</i> sp. and <i>Ophiophagus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 108743.	2.6	9
17	Integration of transcriptomic and proteomic approaches for snake venom profiling. <i>Expert Review of Proteomics</i> , 2021, 18, 827-834.	3.0	9
18	Venoms of Colubrids. , 2016, , 51-79.		5

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19	Exploring Toxin Evolution: Venom Protein Transcript Sequencing and Transcriptome-Guided High-Throughput Proteomics. <i>Methods in Molecular Biology</i> , 2020, 2068, 97-127.	0.9	3
20	Metabolic Processes Are Differentially Regulated During Wild-Type and Attenuated Dengue Virus Infection in <i>Aedes aegypti</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, , .	1.4	0
21	Title is missing!., 2020, 16, e1008754.		0
22	Title is missing!., 2020, 16, e1008754.		0
23	Title is missing!., 2020, 16, e1008754.		0
24	Title is missing!., 2020, 16, e1008754.		0
25	Title is missing!., 2020, 16, e1008754.		0
26	Title is missing!., 2020, 16, e1008754.		0