

Camila Takeno Cologna

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

748
citations

567281

15
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

938
citing authors

#	ARTICLE	IF	CITATIONS
1	From Animal Poisons and Venoms to Medicines: Achievements, Challenges and Perspectives in Drug Discovery. <i>Frontiers in Pharmacology</i> , 2020, 11, 1132.	3.5	152
2	<i>Tityus serrulatus</i> Scorpion Venom and Toxins: An Overview. <i>Protein and Peptide Letters</i> , 2009, 16, 920-932.	0.9	99
3	Minor snake venom proteins: Structure, function and potential applications. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 824-838.	2.4	72
4	Peptidomic comparison and characterization of the major components of the venom of the giant ant <i>Dinoponera quadriceps</i> collected in four different areas of Brazil. <i>Journal of Proteomics</i> , 2013, 94, 413-422.	2.4	57
5	Investigation of the relationship between the structure and function of Ts2, a neurotoxin from <i>Tityus serrulatus</i> venom. <i>FEBS Journal</i> , 2012, 279, 1495-1504.	4.7	38
6	BcsTx3 is a founder of a novel sea anemone toxin family of potassium channel blocker. <i>FEBS Journal</i> , 2013, 280, 4839-4852.	4.7	35
7	A gamut of undiscovered electrophysiological effects produced by <i>Tityus serrulatus</i> toxin 1 on NaV-type isoforms. <i>Neuropharmacology</i> , 2015, 95, 269-277.	4.1	34
8	Purification and characterization of Ts15, the first member of a new $\hat{I}\pm$ -KTX subfamily from the venom of the Brazilian scorpion <i>Tityus serrulatus</i> . <i>Toxicon</i> , 2011, 58, 54-61.	1.6	33
9	Isolation and functional characterization of proinflammatory acidic phospholipase A2 from <i>Bothrops leucurus</i> snake venom. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 226-233.	2.6	32
10	Serrumab: A human monoclonal antibody that counters the biochemical and immunological effects of <i>Tityus serrulatus</i> venom. <i>Journal of Immunotoxicology</i> , 2012, 9, 173-183.	1.7	27
11	Electrophysiological characterization of the first <i>Tityus serrulatus</i> alpha-like toxin, Ts5: Evidence of a pro-inflammatory toxin on macrophages. <i>Biochimie</i> , 2015, 115, 8-16.	2.6	26
12	In-Depth Venome of the Brazilian Rattlesnake <i>Crotalus durissus terrificus</i> : An Integrative Approach Combining Its Venom Gland Transcriptome and Venom Proteome. <i>Journal of Proteome Research</i> , 2018, 17, 3941-3958.	3.7	24
13	The proteomic profile of <i>Stichodactyla duerdeni</i> secretion reveals the presence of a novel O-linked glycopeptide. <i>Journal of Proteomics</i> , 2013, 87, 89-102.	2.4	23
14	Expression of a new serine protease from <i>Crotalus durissus collilineatus</i> venom in <i>Pichia pastoris</i> and functional comparison with the native enzyme. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9971-9986.	3.6	17
15	Proteome of fraction from <i>Tityus serrulatus</i> venom reveals new enzymes and toxins. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2019, 25, e148218.	1.4	17
16	Antifungal Activity against Filamentous Fungi of Ts1, a Multifunctional Toxin from <i>Tityus serrulatus</i> Scorpion Venom. <i>Frontiers in Microbiology</i> , 2017, 8, 984.	3.5	15
17	RRM2 enhances MYCN-driven neuroblastoma formation and acts as a synergistic target with CHK1 inhibition. <i>Science Advances</i> , 2022, 8, .	10.3	15
18	Peptidomic investigation of <i>Neoponera villosa</i> venom by high-resolution mass spectrometry: seasonal and nesting habitat variations. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2018, 24, 6.	1.4	13

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19	Scorpion Venom Research Around the World: <i>Tityus serrulatus</i> . , 2015, , 411-437.		8
20	Deep sequencing analysis of toad <i>Rhinella schneideri</i> skin glands and partial biochemical characterization of its cutaneous secretion. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2018, 24, 36.	1.4	7
21	Mass-spectrometry-based method for screening of new peptide ligands for G-protein-coupled receptors. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5299-5307.	3.7	4
22	91. Proteomic analyses of the Venom from the Giant Ant <i>Dinoponera quadriceps</i> : A Comparative Study and Characterization of the Major Components of the Venom Derived from 4 Different Areas of Brazil. <i>Toxicon</i> , 2012, 60, 141-142.	1.6	0
23	Functional characterization of a serine protease from <i>Crotalus durissus collilineatus</i> highly expressed in <i>Pichia pastoris</i> : Comparison to its native form. <i>Toxicology Letters</i> , 2014, 229, S55-S56.	0.8	0