

# Juliana Mozer Sciani

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Antiproliferative Activity of Two Unusual Dimeric Flavonoids, Brachyidin E and Brachyidin F, Isolated from <i>Fridericia platyphylla</i> (Cham.) L.G.Lohmann: In Vitro and Molecular Docking Evaluation. <i>BioMed Research International</i> , 2022, 2022, 1-12.	1.9	2
2	A new therapeutic approach for bone metastasis in colorectal cancer: intratumoral melittin. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2022, 28, e20210067.	1.4	5
3	Reproductive behaviour, cutaneous morphology, and skin secretion analysis in the anuran <i>Dermatonotus muelleri</i> . <i>IScience</i> , 2022, 25, 104073.	4.1	2
4	Unraveling the distinctive venomous features of the saturniid <i>Hylesia</i> sp.: An integrative approach of a public health concern in Argentina. <i>Acta Tropica</i> , 2022, 231, 106428.	2.0	2
5	Biochemical and Toxinological Characterization of Venom from <i>Macrorhynchia philippina</i> (Cnidaria, Tj ETQq1 1 0.784314 rgBT /Overl	1.9	1
6	First insights into the biochemical and toxicological characterization of venom from the Banded Cat-eyed Snake <i>Leptodeira annulata pulchriceps</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 239, 108897.	2.6	4
7	Quantity - but not diversity - of secreted peptides and proteins increases with age in the tree frog <i>Pithecopus nordestinus</i> . <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2021, 27, e20200105.	1.4	0
8	Box Jellyfish (Cnidaria, Cubozoa) Extract Increases Neuronâ€™s Connection: A Possible Neuroprotector Effect. <i>BioMed Research International</i> , 2021, 2021, 1-12.	1.9	7
9	Antioxidant and anti-sickling activity of glucal-based triazoles compounds â€“ An in vitro and in silico study. <i>Bioorganic Chemistry</i> , 2021, 109, 104709.	4.1	5
10	Effects of Kynurenic Acid on the Rat Aorta Ischemiaâ€™Reperfusion Model: Pharmacological Characterization and Proteomic Profiling. <i>Molecules</i> , 2021, 26, 2845.	3.8	2
11	Neurotoxicity of <i>Olindias sambaquiensis</i> and <i>Chiropsalmus quadumanus</i> extracts in sympathetic nervous system. <i>Toxicon</i> , 2021, 199, 127-138.	1.6	4
12	Proteomic characterization of <i>Naja mandalayensis</i> venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2021, 27, e20200125.	1.4	4
13	Neglected Venomous Animals and Toxins: Underrated Biotechnological Tools in Drug Development. <i>Toxins</i> , 2021, 13, 851.	3.4	3
14	Proteomic analyses of the water soluble and precipitate fractions of <i>Zoanthus sociatus</i> crude extract. <i>Toxicon</i> , 2020, 177, S41-S42.	1.6	0
15	<i>Hypanus americanus</i> mucus: A new point of view about stingray immunity and toxins. <i>Toxicon</i> , 2020, 177, S34.	1.6	2
16	Reversal of Ovarian Cancer Cell Lines Multidrug Resistance Phenotype by the Association of Apiole with Chemotherapies. <i>Pharmaceuticals</i> , 2020, 13, 327.	3.8	8
17	Morphological Evidence for an Oral Venom System in Caecilian Amphibians. <i>IScience</i> , 2020, 23, 101234.	4.1	14
18	Distribution of major toxins in <i>Rhinella marina</i> parotoid macroglands using Desorption-Electrospray-Ionization mass spectrometry imaging (DESI-MSI). <i>Toxicon: X</i> , 2020, 6, 100033.	2.9	3

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19	Bufotenine, a tryptophan-derived alkaloid, suppresses the symptoms and increases the survival rate of rabies-infected mice: the development of a pharmacological approach for rabies treatment. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20190050.	1.4	12
20	Biodistribution and Pharmacokinetics of Amblyomin-X, a Novel Antitumour Protein Drug in Healthy Mice. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2019, 44, 111-120.	1.6	8
21	Biochemical and biological characterization of the <i>Hypanus americanus</i> mucus: A perspective on stingray immunity and toxins. <i>Fish and Shellfish Immunology</i> , 2019, 93, 832-840.	3.6	6
22	Proteomic informed by transcriptomic for salivary glands components of the camel tick <i>Hyalomma dromedarii</i> . <i>BMC Genomics</i> , 2019, 20, 675.	2.8	21
23	Proteomic analysis of soluble proteins retrieved from <i>Duttaphrynus melanostictus</i> skin secretion by IEx-batch sample preparation. <i>Journal of Proteomics</i> , 2019, 209, 103525.	2.4	5
24	Antiproliferative and antiangiogenic effect of <i>Amblyomma sculptum</i> (Acari: Ixodidae) crude saliva in endothelial cells in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 353-361.	5.6	6
25	The Amphibian Diacylglycerol O-acyltransferase 2 (DGAT2): a "paleo-protein" with Conserved Function but Unique Folding. <i>Protein Journal</i> , 2019, 38, 83-94.	1.6	3
26	Unveiling toxicological aspects of venom from the Aesculapian False Coral Snake <i>Erythrolamprus aesculapii</i> . <i>Toxicon</i> , 2019, 164, 71-81.	1.6	10
27	Variations in tetrodotoxin levels in populations of <i>Taricha granulosa</i> are expressed in the morphology of their cutaneous glands. <i>Scientific Reports</i> , 2019, 9, 18490.	3.3	21
28	Understanding toxicological implications of accidents with caterpillars <i>Megalopyge lanata</i> and <i>Podalia orsilochus</i> (Lepidoptera: Megalopygidae). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 216, 110-119.	2.6	4
29	Preclinical evaluation of Amblyomin-X, a Kunitz-type protease inhibitor with antitumor activity. <i>Toxicology Reports</i> , 2019, 6, 51-63.	3.3	7
30	Skin gland concentrations adapted to different evolutionary pressures in the head and posterior regions of the caecilian <i>Siphonops annulatus</i> . <i>Scientific Reports</i> , 2018, 8, 3576.	3.3	18
31	Morphological and biochemical characterization of the cutaneous poison glands in toads ( <i>Rhinella</i> ) Tj ETQq1 1 0.784314 rgBTJ/Overl	2.0	29
32	Biological Effects and Biodistribution of Bufotenine on Mice. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	10
33	Co-Localization of Crotonamine with Internal Membranes and Accentuated Accumulation in Tumor Cells. <i>Molecules</i> , 2018, 23, 968.	3.8	15
34	Synthesis of a Tyr-Tyr Dipeptide Library and Evaluation Against Tumor Cells. <i>Medicinal Chemistry</i> , 2018, 14, 709-714.	1.5	4
35	C-terminal domain is responsible for a Kunitz-type inhibitor uptake by tumor cells. <i>FASEB Journal</i> , 2018, 32, 1b188.	0.5	0
36	Internalization and intracellular trafficking of an antitumor molecule. <i>FASEB Journal</i> , 2018, 32, 1b189.	0.5	0

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37	An unexpected cell-penetrating peptide from <i>Bothrops jararaca</i> venom identified through a novel size exclusion chromatography screening. <i>Journal of Peptide Science</i> , 2017, 23, 68-76.	1.4	15
38	Parotoid, radial, and tibial macroglands of the frog <i>Odontophrynus cultripes</i> : Differences and similarities with toads. <i>Toxicon</i> , 2017, 129, 123-133.	1.6	18
39	Venomics analyses of the skin secretion of <i>Dermatonotus muelleri</i> : Preliminary proteomic and metabolomic profiling. <i>Toxicon</i> , 2017, 130, 127-135.	1.6	9
40	Stinging caterpillars from the genera <i>Podalia</i> , <i>Leucanella</i> and <i>Lonomia</i> in Misiones, Argentina: A preliminary comparative approach to understand their toxicity. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 202, 55-62.	2.6	12
41	Isolation and biochemical characterization of bradykinin-potentiating peptides from <i>Bitis gabonica</i> rhinoceros. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 33.	1.4	3
42	Preliminary molecular characterization of a proinflammatory and nociceptive molecule from the <i>Echinometra lucunter</i> spines extracts. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 43.	1.4	4
43	The modular nature of bradykinin-potentiating peptides isolated from snake venoms. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 45.	1.4	29
44	Initial peptidomic profiling of Brazilian sea urchins: <i>Arbacia lixula</i> , <i>Lytechinus variegatus</i> and <i>Echinometra lucunter</i> . <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2016, 22, 17.	1.4	8
45	The cutaneous secretion of the casque-headed tree frog <i>Corythomantis greeningi</i> : Biochemical characterization and some biological effects. <i>Toxicon</i> , 2016, 122, 133-141.	1.6	7
46	Amblyomin-X having a Kunitz-type homologous domain, is a noncompetitive inhibitor of FXa and induces anticoagulation in vitro and in vivo. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1428-1435.	2.3	22
47	The urticating apparatus in the caterpillar of <i>Lonomia obliqua</i> (Lepidoptera: Saturniidae). <i>Toxicon</i> , 2016, 119, 218-224.	1.6	18
48	Amblyomin-X induces ER stress, mitochondrial dysfunction, and caspase activation in human melanoma and pancreatic tumor cell. <i>Molecular and Cellular Biochemistry</i> , 2016, 415, 119-131.	3.1	17
49	Specific role of cytoplasmic dynein in the mechanism of action of an antitumor molecule, Amblyomin-X. <i>Experimental Cell Research</i> , 2016, 340, 248-258.	2.6	13
50	Synergic effects between ocellatin-F1 and bufotenine on the inhibition of BHK-21 cellular infection by the rabies virus. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2015, 21, 50.	1.4	17
51	Venomics of the Australian eastern brown snake ( <i>Pseudonaja textilis</i> ): Detection of new venom proteins and splicing variants. <i>Toxicon</i> , 2015, 107, 252-265.	1.6	28
52	Anuran skin and basking behavior: The case of the treefrog <i>Bokermannohyla alvarengai</i> (Bokermann). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.2	18
53	Proteomic analysis of the rare Uracoan rattlesnake <i>Crotalus vegrandis</i> venom: Evidence of a broad arsenal of toxins. <i>Toxicon</i> , 2015, 107, 234-251.	1.6	35
54	Pipa carvalhoi skin secretion profiling: Absence of peptides and identification of kynurenic acid as the major constitutive component. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 167, 1-6.	2.6	9

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55	Dynein Activity Induced by a Kunitz-Type Molecule Acting on the Proteasome. FASEB Journal, 2015, 29, LB196.	0.5	0
56	Dynein Function and Protein Clearance Changes in Tumor Cells Induced by a Kunitz-Type Molecule, Amblyomin-X. PLoS ONE, 2014, 9, e111907.	2.5	19
57	Bufotenine is able to block rabies virus infection in BHK-21 cells. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2014, 20, 45.	1.4	33
58	Passive and active defense in toads: The parotoid macroglands in <i>Rhinella marina</i> and <i>Rhaebo guttatus</i> . Journal of Experimental Zoology, 2014, 321, 65-77.	1.2	48
59	Echinometrin: A novel mast cell degranulating peptide from the coelomic liquid of <i>Echinometra lucunter</i> sea urchin. Peptides, 2014, 53, 13-21.	2.4	7
60	Cytotoxic and antiproliferative effects of crude amphibian skin secretions on breast tumor cells. Biomedicine and Preventive Nutrition, 2013, 3, 10-18.	0.9	23
61	Cathepsin B/X is secreted by <i>Echinometra lucunter</i> sea urchin spines, a structure rich in granular cells and toxins. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2013, 19, 33.	1.4	15
62	Î±-RglB: A Novel Antagonist Peptide of Neuronal Acetylcholine Receptor Isolated from <i>Conus regius</i> Venom. International Journal of Peptides, 2013, 2013, 1-9.	0.7	8
63	Differences and Similarities among Parotoid Macroglad Secretions in South American Toads: A Preliminary Biochemical Delineation. Scientific World Journal, The, 2013, 2013, 1-9.	2.1	49
64	Skin glands, poison and mimicry in dendrobatid and leptodactylid amphibians. Journal of Morphology, 2012, 273, 279-290.	1.2	40
65	112. Cathepsin B/X is Secreted by <i>Echinometra lucunter</i> Sea Urchin Spines, a Structure Rich in Granular Cells and Toxins. Toxicon, 2012, 60, 151-152.	1.6	2
66	Pro-inflammatory effects of the aqueous extract of <i>Echinometra lucunter</i> sea urchin spines. Experimental Biology and Medicine, 2011, 236, 277-280.	2.4	15
67	Bradykinin-related peptides in the venom of the solitary wasp <i>Cyphononyx fulvognathus</i> . Biochemical Pharmacology, 2010, 79, 478-486.	4.4	32
68	Africanized honey bee ( <i>Apis mellifera</i> ) venom profiling: Seasonal variation of melittin and phospholipase A2 levels. Toxicon, 2010, 56, 355-362.	1.6	77
69	Identification of a novel melittin isoform from Africanized <i>Apis mellifera</i> venom. Peptides, 2010, 31, 1473-1479.	2.4	32
70	Identification of bradykinin: related peptides from <i>Phyllomedusa nordestina</i> skin secretion using electrospray ionization tandem mass spectrometry after a single-step liquid chromatography. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2009, 15, 633-652.	1.4	12
71	Isolation and characterization of a novel bradykinin potentiating peptide (BPP) from the skin secretion of <i>Phyllomedusa hypochondrialis</i> . Peptides, 2007, 28, 515-523.	2.4	36