# Juliana Mozer Sciani

List of Publications by Year
in descending order



| 71 | 978 | 471371 17 | 526166 27 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 74 | 74 | 74 | 1336 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Africanized honey bee (Apis mellifera) venom profiling: Seasonal variation of melittin and phospholipase A2 levels. Toxicon, 2010, 56, 355-362. | 0.8 | 77 |
| 2 | Differences and Similarities among Parotoid Macrogland Secretions in South American Toads: A Preliminary Biochemical Delineation. Scientific World Journal, The, 2013, 2013, 1-9. | 0.8 | 49 |
| 3 | Passive and active defense in toads: The parotoid macroglands inRhinella marinaandRhaebo guttatus. Journal of Experimental Zoology, 2014, 321, 65-77. | 1.2 | 48 |
| 4 | Skin glands, poison and mimicry in dendrobatid and leptodactylid amphibians. Journal of Morphology, 2012, 273, 279-290. | 0.6 | 40 |
| 5 | Isolation and characterization of a novel bradykinin potentiating peptide (BPP) from the skin secretion of Phyllomedusa hypochondrialis. Peptides, 2007, 28, 515-523. | 1.2 | 36 |
| 6 | Proteomic analysis of the rare Uracoan rattlesnake Crotalus vegrandis venom: Evidence of a broad arsenal of toxins. Toxicon, 2015, 107, 234-251. | 0.8 | 35 |
| 7 | Bufotenine is able to block rabies virus infection in BHK-21 cells. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2014, 20, 45. | 0.8 | 33 |
| 8 | Bradykinin-related peptides in the venom of the solitary wasp Cyphononyx fulvognathus. Biochemical Pharmacology, 2010, 79, 478-486. | 2.0 | 32 |
| 9 | Identification of a novel melittin isoform from Africanized Apis mellifera venom. Peptides, 2010, 31, 1473-1479. | 1.2 | 32 |
| 10 | The modular nature of bradykinin-potentiating peptides isolated from snake venoms. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2017, 23, 45. | 0.8 | 29 |
| 11 | Morphological and biochemical characterization of the cutaneous poison glands in toads (Rhinella) Tj ETQq1 1 0.784314 rgBT /Overlo | 0.9 | 29 |
| 12 | Venomics of the Australian eastern brown snake ( Pseudonaja textilis ): Detection of new venom proteins and splicing variants. Toxicon, 2015, 107, 252-265. | 0.8 | 28 |
| 13 | Cytotoxic and antiproliferative effects of crude amphibian skin secretions on breast tumor cells. Biomedicine and Preventive Nutrition, 2013, 3, 10-18. | 0.9 | 23 |
| 14 | Amblyomin-X having a Kunitz-type homologous domain, is a noncompetitive inhibitor of FXa and induces anticoagulation in vitro and in vivo. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 1428-1435. | 1.1 | 22 |
| 15 | Proteomic informed by transcriptomic for salivary glands components of the camel tick Hyalomma dromedarii. BMC Genomics, 2019, 20, 675. | 1.2 | 21 |
| 16 | Variations in tetrodotoxin levels in populations of Taricha granulosa are expressed in the morphology of their cutaneous glands. Scientific Reports, 2019, 9, 18490. | 1.6 | 21 |
| 17 | Dynein Function and Protein Clearance Changes in Tumor Cells Induced by a Kunitz-Type Molecule, Amblyomin-X. PLoS ONE, 2014, 9, e111907. | 1.1 | 19 |
| 18 | Anuran skin and basking behavior: The case of the treefrogBokermannohyla alvarengai(Bokermann,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 0.6 | 18 |

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|---|---|---|---|
| 19 | The urticating apparatus in the caterpillar of Lonomia obliqua (Lepidoptera: Saturniidae). Toxicon, 2016, 119, 218-224. | 0.8 | 18 |
| 20 | Parotoid, radial, and tibial macroglands of the frog Odontophrynus cultripes: Differences and similarities with toads. Toxicon, 2017, 129, 123-133. | 0.8 | 18 |
| 21 | Skin gland concentrations adapted to different evolutionary pressures in the head and posterior regions of the caecilian Siphonops annulatus. Scientific Reports, 2018, 8, 3576. | 1.6 | 18 |
| 22 | Synergic effects between ocellatin-F1 and bufotenine on the inhibition of BHK-21 cellular infection by the rabies virus. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 50. | 0.8 | 17 |
| 23 | Amblyomin-X induces ER stress, mitochondrial dysfunction, and caspase activation in human melanoma and pancreatic tumor cell. Molecular and Cellular Biochemistry, 2016, 415, 119-131. | 1.4 | 17 |
| 24 | Pro-inflammatory effects of the aqueous extract of Echinometra lucunter sea urchin spines. Experimental Biology and Medicine, 2011, 236, 277-280. | 1.1 | 15 |
| 25 | Cathepsin B/X is secreted by Echinometra lucunter sea urchin spines, a structure rich in granular cells and toxins. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2013, 19, 33. | 0.8 | 15 |
| 26 | An unexpected cell-penetrating peptide fromBothrops jararacavenom identified through a novel size exclusion chromatography screening. Journal of Peptide Science, 2017, 23, 68-76. | 0.8 | 15 |
| 27 | Co-Localization of Crotamine with Internal Membranes and Accentuated Accumulation in Tumor Cells. Molecules, 2018, 23, 968. | 1.7 | 15 |
| 28 | Morphological Evidence for an Oral Venom System in Caecilian Amphibians. IScience, 2020, 23, 101234. | 1.9 | 14 |
| 29 | Specific role of cytoplasmic dynein in the mechanism of action of an antitumor molecule, Amblyomin-X. Experimental Cell Research, 2016, 340, 248-258. | 1.2 | 13 |
| 30 | Identification of bradykinin: related peptides from Phyllomedusa nordestina 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. | 0.8 | 12 |
| 31 | Stinging caterpillars from the genera Podalia , Leucanella and Lonomia in Misiones, Argentina: A preliminary comparative approach to understand their toxicity. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 202, 55-62. | 1.3 | 12 |
| 32 | 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. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2020, 26, e20190050. | 0.8 | 12 |
| 33 | Biological Effects and Biodistribution of Bufotenine on Mice. BioMed Research International, 2018, 2018, 1-10. | 0.9 | 10 |
| 34 | Unveiling toxicological aspects of venom from the Aesculapian False Coral Snake Erythrolamprus aesculapii. Toxicon, 2019, 164, 71-81. | 0.8 | 10 |
| 35 | Pipa carvalhoi skin secretion profiling: Absence of peptides and identification of kynurenic acid as the major constitutive component. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 167, 1-6. | 1.3 | 9 |
| 36 | Venomics analyses of the skin secretion of Dermatonotus muelleri : Preliminary proteomic and metabolomic profiling. Toxicon, 2017, 130, 127-135. | 0.8 | 9 |

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|---|---|---|---|
| 37 | Î±-RgIB: A Novel Antagonist Peptide of Neuronal Acetylcholine Receptor Isolated from Conus regius Venom. International Journal of Peptides, 2013, 2013, 1-9. | 0.7 | 8 |
| 38 | Initial peptidomic profiling of Brazilian sea urchins: Arbacia lixula, Lytechinus variegatus and Echinometra lucunter. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2016, 22, 17. | 0.8 | 8 |
| 39 | Biodistribution and Pharmacokinetics of Amblyomin-X, a Novel Antitumour Protein Drug in Healthy Mice. European Journal of Drug Metabolism and Pharmacokinetics, 2019, 44, 111-120. | 0.6 | 8 |
| 40 | Reversal of Ovarian Cancer Cell Lines Multidrug Resistance Phenotype by the Association of Apiole with Chemotherapies. Pharmaceuticals, 2020, 13, 327. | 1.7 | 8 |
| 41 | Echinometrin: A novel mast cell degranulating peptide from the coelomic liquid of Echinometra lucunter sea urchin. Peptides, 2014, 53, 13-21. | 1.2 | 7 |
| 42 | The cutaneous secretion of the casque-headed tree frog Corythomantis greeningi: Biochemical characterization and some biological effects. Toxicon, 2016, 122, 133-141. | 0.8 | 7 |
| 43 | Preclinical evaluation of Amblyomin-X, a Kunitz-type protease inhibitor with antitumor activity. Toxicology Reports, 2019, 6, 51-63. | 1.6 | 7 |
| 44 | Box Jellyfish (Cnidaria, Cubozoa) Extract Increases Neuronâ€™s Connection: A Possible Neuroprotector Effect. BioMed Research International, 2021, 2021, 1-12. | 0.9 | 7 |
| 45 | Biochemical and biological characterization of the Hypanus americanus mucus: A perspective on stingray immunity and toxins. Fish and Shellfish Immunology, 2019, 93, 832-840. | 1.6 | 6 |
| 46 | Antiproliferative and antiangiogenic effect of Amblyomma sculptum (Acari: Ixodidae) crude saliva in endothelial cells in vitro. Biomedicine and Pharmacotherapy, 2019, 110, 353-361. | 2.5 | 6 |
| 47 | Proteomic analysis of soluble proteins retrieved from Duttaphrynus melanostictus skin secretion by IEx-batch sample preparation. Journal of Proteomics, 2019, 209, 103525. | 1.2 | 5 |
| 48 | Antioxidant and anti-sickling activity of glucal-based triazoles compounds â€“ An in vitro and in silico study. Bioorganic Chemistry, 2021, 109, 104709. | 2.0 | 5 |
| 49 | A new therapeutic approach for bone metastasis in colorectal cancer: intratumoral melittin. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2022, 28, e20210067. | 0.8 | 5 |
| 50 | Preliminary molecular characterization of a proinflammatory and nociceptive molecule from the Echinometra lucunter spines extracts. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2017, 23, 43. | 0.8 | 4 |
| 51 | Understanding toxicological implications of accidents with caterpillars Megalopyge lanata and Podalia orsilochus (Lepidoptera: Megalopygidae). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 216, 110-119. | 1.3 | 4 |
| 52 | First insights into the biochemical and toxicological characterization of venom from the Banded Cat-eyed Snake Leptodeira annulata pulchriceps. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 239, 108897. | 1.3 | 4 |
| 53 | Neurotoxicity of Olindias sambaquiensis and Chiropsalmus quadrumanus extracts in sympathetic nervous system. Toxicon, 2021, 199, 127-138. | 0.8 | 4 |
| 54 | Proteomic characterization of Naja mandalayensis venom. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2021, 27, e20200125. | 0.8 | 4 |

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|---|---|---|---|
| 55 | Synthesis of a Tyr-Tyr Dipeptide Library and Evaluation Against Tumor Cells. Medicinal Chemistry, 2018, 14, 709-714. | 0.7 | 4 |
| 56 | Isolation and biochemical characterization of bradykinin-potentiating peptides from Bitis gabonica rhinoceros. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2017, 23, 33. | 0.8 | 3 |
| 57 | The Amphibian Diacylglycerol O-acyltransferase 2 (DGAT2): a â€˜paleo-proteinâ€™ with Conserved Function but Unique Folding. Protein Journal, 2019, 38, 83-94. | 0.7 | 3 |
| 58 | Distribution of major toxins in Rhinella marina parotoid macroglands using Desorption-Electrospray-Ionization mass spectrometry imaging (DESI-MSI). Toxicon: X, 2020, 6, 100033. | 1.2 | 3 |
| 59 | Neglected Venomous Animals and Toxins: Underrated Biotechnological Tools in Drug Development. Toxins, 2021, 13, 851. | 1.5 | 3 |
| 60 | 112. Cathepsin B/X is Secreted by Echinometra lucunter Sea Urchin Spines, a Structure Rich in Granular Cells andÂToxins. Toxicon, 2012, 60, 151-152. | 0.8 | 2 |
| 61 | Hypanus americanus mucus: A new point of view about stingray immunity and toxins. Toxicon, 2020, 177, S34. | 0.8 | 2 |
| 62 | Effects of Kynurenic Acid on the Rat Aorta Ischemiaâ€”Reperfusion Model: Pharmacological Characterization and Proteomic Profiling. Molecules, 2021, 26, 2845. | 1.7 | 2 |
| 63 | Antiproliferative Activity of Two Unusual Dimeric Flavonoids, Brachydin E and Brachydin F, Isolated from Fridericia platyphylla (Cham.) L.G.Lohmann: In Vitro and Molecular Docking Evaluation. BioMed Research International, 2022, 2022, 1-12. | 0.9 | 2 |
| 64 | Reproductive behaviour, cutaneous morphology, and skin secretion analysis in the anuran Dermatonotus muelleri. IScience, 2022, 25, 104073. | 1.9 | 2 |
| 65 | Unraveling the distinctive venomous features of the saturniid Hylesia sp.: An integrative approach of a public health concern in Argentina. Acta Tropica, 2022, 231, 106428. | 0.9 | 2 |
| 66 | Biochemical and Toxinological Characterization of Venom from Macrorhynchia philippina (Cnidaria,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 0.9 | 1 |
| 67 | Proteomic analyses of the water soluble and precipitate fractions of Zoanthus sociatus crude extract. Toxicon, 2020, 177, S41-S42. | 0.8 | 0 |
| 68 | Quantity - but not diversity - of secreted peptides and proteins increases with age in the tree frog Pithecopus nordestinus. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2021, 27, e20200105. | 0.8 | 0 |
| 69 | Dynein Activity Induced by a Kunitzâ€type Molecule Acting on the Proteasome. FASEB Journal, 2015, 29, LB196. | 0.2 | 0 |
| 70 | Câ€terminal domain is responsible for a Kunitzâ€type inhibitor uptake by tumor cells. FASEB Journal, 2018, 32, lb188. | 0.2 | 0 |
| 71 | Internalization and intracellular trafficking of an antitumor molecule. FASEB Journal, 2018, 32, lb189. | 0.2 | 0 |