# Andrea Senff-Ribeiro

## List of Publications by Citations



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| 43 papers | 1,170 citations | 21 h-index | 33 g-index |
| 43 ext. papers | 1,360 ext. citations | 4.9 avg, IF | 3.66 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 43 | 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 | 2.8 | 93 |
| 42 | A novel expression profile of the Loxosceles intermedia spider venomous gland revealed by transcriptome analysis. *Molecular BioSystems*, **2010**, 6, 2403-16 | | 82 |
| 41 | Brown spider (Loxosceles genus) venom toxins: tools for biological purposes. *Toxins*, **2011**, 3, 309-44 | 4.9 | 80 |
| 40 | Astacin-like metalloproteases are a gene family of toxins present in the venom of different species of the brown spider (genus Loxosceles). *Biochimie*, **2010**, 92, 21-32 | 4.6 | 79 |
| 39 | Identification, cloning and functional characterization of a novel dermonecrotic toxin (phospholipase D) from brown spider (Loxosceles intermedia) venom. *Biochimica Et Biophysica Acta - General Subjects*, **2008**, 1780, 167-78 | 4 | 57 |
| 38 | Cytotoxic effect of a new 1,3,4-thiadiazolium mesoionic compound (MI-D) on cell lines of human melanoma. *British Journal of Cancer*, **2004**, 91, 297-304 | 8.7 | 51 |
| 37 | A novel hyaluronidase from brown spider (Loxosceles intermedia) venom (Dietrich\x Hyaluronidase): from cloning to functional characterization. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2206 | 4.8 | 50 |
| 36 | Biological and structural comparison of recombinant phospholipase D toxins from Loxosceles intermedia (brown spider) venom. *Toxicon*, **2007**, 50, 1162-74 | 2.8 | 50 |
| 35 | Biotechnological applications of brown spider (Loxosceles genus) venom toxins. *Biotechnology Advances*, **2008**, 26, 210-8 | 17.8 | 49 |
| 34 | Antimelanoma activity of 1,3,4-thiadiazolium mesoionics: a structure-activity relationship study. *Anti-Cancer Drugs*, **2004**, 15, 269-75 | 2.4 | 44 |
| 33 | Phospholipase-D activity and inflammatory response induced by brown spider dermonecrotic toxin: endothelial cell membrane phospholipids as targets for toxicity. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2011**, 1811, 84-96 | 5 | 41 |
| 32 | Identification of a direct hemolytic effect dependent on the catalytic activity induced by phospholipase-D (dermonecrotic toxin) from brown spider venom. *Journal of Cellular Biochemistry*, **2009**, 107, 655-66 | 4.7 | 39 |
| 31 | Molecular cloning, heterologous expression and functional characterization of a novel translationally-controlled tumor protein (TCTP) family member from Loxosceles intermedia (brown spider) venom. *International Journal of Biochemistry and Cell Biology*, **2012**, 44, 170-7 | 5.6 | 38 |
| 30 | The relationship between calcium and the metabolism of plasma membrane phospholipids in hemolysis induced by brown spider venom phospholipase-D toxin. *Journal of Cellular Biochemistry*, **2011**, 112, 2529-40 | 4.7 | 34 |
| 29 | Acetylation of translationally controlled tumor protein promotes its degradation through chaperone-mediated autophagy. *European Journal of Cell Biology*, **2017**, 96, 83-98 | 6.1 | 30 |
| 28 | Highlights in the knowledge of brown spider toxins. *Journal of Venomous Animals and Toxins Including Tropical Diseases*, **2017**, 23, 6 | 2.2 | 30 |
| 27 | TCTP contains a BH3-like domain, which instead of inhibiting, activates Bcl-xL. *Scientific Reports*, **2016**, 6, 19725 | 4.9 | 29 |

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| 26 | Effect of a new 1,3,4-thiadiazolium mesoionic compound (MI-D) on B16-F10 murine melanoma. *Melanoma Research*, **2003**, 13, 465-71 | 3.3 | 27 |
| 25 | Modulation of membrane phospholipids, the cytosolic calcium influx and cell proliferation following treatment of B16-F10 cells with recombinant phospholipase-D from Loxosceles intermedia (brown spider) venom. *Toxicon*, **2013**, 67, 17-30 | 2.8 | 24 |
| 24 | Differential metalloprotease content and activity of three Loxosceles spider venoms revealed using two-dimensional electrophoresis approaches. *Toxicon*, **2013**, 76, 11-22 | 2.8 | 23 |
| 23 | A novel ICK peptide from the Loxosceles intermedia (brown spider) venom gland: cloning, heterologous expression and immunological cross-reactivity approaches. *Toxicon*, **2013**, 71, 147-58 | 2.8 | 23 |
| 22 | Active site mapping of Loxosceles phospholipases D: Biochemical and biological features. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2016**, 1861, 970-979 | 5 | 21 |
| 21 | Brown spider (Loxosceles genus) venom toxins: Evaluation of biological conservation by immune cross-reactivity. *Toxicon*, **2015**, 108, 154-66 | 2.8 | 19 |
| 20 | A multi-protease, multi-dissociation, bottom-up-to-top-down proteomic view of the Loxosceles intermedia venom. *Scientific Data*, **2017**, 4, 170090 | 8.2 | 19 |
| 19 | Potential Implications for Designing Drugs Against the Brown Spider Venom Phospholipase-D. *Journal of Cellular Biochemistry*, **2017**, 118, 726-738 | 4.7 | 19 |
| 18 | Brown spider phospholipase-D containing a conservative mutation (D233E) in the catalytic site: identification and functional characterization. *Journal of Cellular Biochemistry*, **2013**, 114, 2479-92 | 4.7 | 17 |
| 17 | TCTP as a therapeutic target in melanoma treatment. *British Journal of Cancer*, **2017**, 117, 656-665 | 8.7 | 15 |
| 16 | Forty Years of the Description of Brown Spider Venom Phospholipases-D. *Toxins*, **2020**, 12, | 4.9 | 14 |
| 15 | Brown Spider () Venom Toxins as Potential Biotools for the Development of Novel Therapeutics. *Toxins*, **2019**, 11, | 4.9 | 13 |
| 14 | Insecticidal activity of a recombinant knottin peptide from Loxosceles intermedia venom and recognition of these peptides as a conserved family in the genus. *Insect Molecular Biology*, **2017**, 26, 25-34 | 3.4 | 10 |
| 13 | COVID19 Disease Map, a computational knowledge repository of virus-host interaction mechanisms. *Molecular Systems Biology*, **2021**, 17, e10387 | 12.2 | 9 |
| 12 | Characterization of Brown spider (Loxosceles intermedia) hemolymph: cellular and biochemical analyses. *Toxicon*, **2015**, 98, 62-74 | 2.8 | 8 |
| 11 | TCTP from (Brown Spider) Venom Contributes to the Allergic and Inflammatory Response of Cutaneous Loxoscelism. *Cells*, **2019**, 8, | 7.9 | 8 |
| 10 | Expression and immunological cross-reactivity of LALP3, a novel astacin-like metalloprotease from brown spider (Loxosceles intermedia) venom. *Biochimie*, **2016**, 128-129, 8-19 | 4.6 | 7 |
| 9 | LALLT (Loxosceles Allergen-Like Toxin) from the venom of Loxosceles intermedia: Recombinant expression in insect cells and characterization as a molecule with allergenic properties. *International Journal of Biological Macromolecules*, **2020**, 164, 3984-3999 | 7.9 | 5 |

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| 8 | Brown SpidersVPhospholipases-D with Potential Therapeutic Applications: Functional Assessment of Mutant Isoforms. *Biomedicines*, **2021**, 9, | 4.8 | 3 |
| 7 | Production of a novel recombinant brown spider hyaluronidase in baculovirus-infected insect cells. *Enzyme and Microbial Technology*, **2021**, 146, 109759 | 3.8 | 3 |
| 6 | A protective vaccine against the toxic activities following Brown spider accidents based on recombinant mutated phospholipases D as antigens. *International Journal of Biological Macromolecules*, **2021**, 192, 757-770 | 7.9 | 2 |
| 5 | Description of a serpin toxin in Loxosceles (Brown spider) venoms: Cloning, expression in baculovirus-infected insect cells and functional characterization. *International Journal of Biological Macromolecules*, **2021**, 183, 1607-1620 | 7.9 | 2 |
| 4 | Translationally Controlled Tumor Protein (TCTP/HRF) in Animal Venoms. *Results and Problems in Cell Differentiation*, **2017**, 64, 193-200 | 1.4 | 1 |
| 3 | Loxosceles Astacin-Like Proteases (LALPs) **2013**, 1081-1086 | | 1 |
| 2 | 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 | 2.2 | 1 |
| 1 | Prospective Use of Brown Spider Venom Toxins as Therapeutic and Biotechnological Inputs. *Frontiers in Molecular Biosciences*, **2021**, 8, 706704 | 5.6 | 0 |