

# Carolina Nunes da Silva

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

78  
citations

5  
h-index

8  
g-index

19  
ext. papers

114  
ext. citations

3.2  
avg, IF

2.11  
L-index

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 17 | Crotoxin from <i>Crotalus durissus terrificus</i> snake venom induces the release of glutamate from cerebrocortical synaptosomes via N and P/Q calcium channels. <i>Toxicon</i> , <b>2014</b> , 85, 5-16   | 2.8 | 19        |
| 16 | A New Topical Eye Drop Containing LyeTxI-b, A Synthetic Peptide Designed from A Venom Toxin, Was Effective to Treat Resistant Bacterial Keratitis. <i>Toxins</i> , <b>2019</b> , 11,   | 4.9 | 15        |
| 15 | Treatment for chemical burning using liquid crystalline nanoparticles as an ophthalmic delivery system for pirfenidone. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 568, 118466  | 6.5 | 10        |
| 14 | Phoneutria nigriventer Venom and Toxins: A Review <b>2016</b> , 71-99  |     | 7         |
| 13 | PnPP-19 Peptide Restores Erectile Function in Hypertensive and Diabetic Animals Through Intravenous and Topical Administration. <i>Journal of Sexual Medicine</i> , <b>2019</b> , 16, 365-374  | 1.1 | 5         |
| 12 | PnPP-19 Peptide as a Novel Drug Candidate for Topical Glaucoma Therapy Through Nitric Oxide Release. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 33  | 3.3 | 5         |
| 11 | Assessment of the safety of intravitreal injection of metoprolol tartrate in rabbits. <i>Documenta Ophthalmologica</i> , <b>2021</b> , 142, 75-85  | 2.2 | 5         |
| 10 | Intravitreal injection of the synthetic peptide LyeTx I b, derived from a spider toxin, into the rabbit eye is safe and prevents neovascularization in a chorio-allantoic membrane model. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , <b>2018</b> , 24, 31 | 2.2 | 5         |
| 9  | Neurotoxic and convulsant effects induced by jack bean ureases on the mammalian nervous system. <i>Toxicology</i> , <b>2021</b> , 454, 152737  | 4.4 | 3         |
| 8  | PnTx2-6 (or ECNTX-Pn2a), a toxin from <i>Phoneutria nigriventer</i> spider venom, releases l-glutamate from rat brain synaptosomes involving Na and Ca channels and changes protein expression at the blood-brain barrier. <i>Toxicon</i> , <b>2018</b> , 150, 280-288                     | 2.8 | 2         |
| 7  | Intravitreal ketamine promotes neuroprotection in rat eyes after experimental ischemia. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 133, 110948   | 7.5 | 1         |
| 6  | The synthetic peptide PnPP-19 potentiates erectile function via nNOS and iNOS. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2021</b> , 113-114, 23-30  | 5   | 1         |
| 5  | Intravitreal injection of peptides PnPa11 and PnPa13, derivatives of spider venom, prevents retinal damage. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , <b>2020</b> , 26, e20200031  | 2.2 | 0         |
| 4  | From the PnTx2-6 Toxin to the PnPP-19 Engineered Peptide: Therapeutic Potential in Erectile Dysfunction, Nociception, and Glaucoma.. <i>Frontiers in Molecular Biosciences</i> , <b>2022</b> , 9, 831823   | 5.6 | 0         |
| 3  | Pathophysiological Effects of <i>Lycosa erythrognatha</i> Derived Peptide LyeTxI-b on RKO-AS-45-1 Colorectal Carcinoma Cell Line Using the Chicken Chorioallantoic Membrane Model. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2022</b> , 28, 1                 | 2.1 |           |
| 2  | Assessment of Biocompatibility and Vascular Effects of Polymeric Materials Using Chick Chorioallantoic Membrane, an Alternative Method. <i>Macromolecular Symposia</i> , <b>2020</b> , 394, 2000046  | 0.8 |           |
| 1  | The proteolytic fraction from <i>Vasconcellea cundinamarcensis</i> accelerates wound healing after corneal chemical burn in rabbits. <i>Burns</i> , <b>2020</b> , 46, 928-936  | 2.3 |           |

