Stelia Carolina Mndez-Snchez

List of Publications by Citations

23 papers	207 citations	8 h-index	14 g-index
27 ext. papers	258 ext. citations	3.8 avg, IF	3.38 L-index

#	Paper	IF	Citations
23	Essential oils with insecticidal activity against larvae of Aedes aegypti (Diptera: Culicidae). *Parasitology Research*, **2014**, 113, 2647-54	2.4	60
22	Gold nanoparticle-mediated generation of reactive oxygen species during plasmonic photothermal therapy: a comparative study for different particle sizes, shapes, and surface conjugations. *Journal of Materials Chemistry B*, **2020**, 8, 2862-2875	7.3	22
21	Two galactomannan preparations from seeds from Mimosa scabrella (bracatinga): Complexation with oxovanadium(IV/V) and cytotoxicity on HeLa cells. *Journal of Inorganic Biochemistry*, **2009**, 103, 749-57	4.2	21
20	The Developmental Transcriptome of , a Major Worldwide Human Disease Vector. *G3: Genes, Genomes, Genetics*, **2020**, 10, 1051-1062	3.2	16
19	Mitochondrial affectation, DNA damage and AChE inhibition induced by Salvia officinalis essential oil on Aedes aegypti larvae. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2019**, 221, 29-37	3.2	13
18	Synthesis and anticancer activity of new tetrahydroquinoline hybrid derivatives tethered to isoxazoline moiety. *Medicinal Chemistry Research*, **2020**, 29, 675-689	2.2	11
17	The inhibition of lipoperoxidation by mesoionic compound MI-D: a relationship with its uncoupling effect and scavenging activity. *Chemico-Biological Interactions*, **2009**, 179, 125-30	5	8
16	Alterations of mitochondrial electron transport chain and oxidative stress induced by alkaloid-like aminonitriles on Aedes aegypti larvae. *Pesticide Biochemistry and Physiology*, **2018**, 144, 64-70	4.9	8
15	Synthesis and in vitro evaluation of substituted tetrahydroquinoline-isoxazole hybrids as anticancer agents. *Medicinal Chemistry Research*, **2019**, 28, 1182-1196	2.2	7
14	Could field cancerization be interpreted as a biochemical anomaly amplification due to transformed cells?. *Medical Hypotheses*, **2016**, 97, 107-111	3.8	7
13	Standardized extract of Dicksonia sellowiana Presl. Hook (Dicksoniaceae) decreases oxidative damage in cultured endothelial cells and in rats. *Journal of Ethnopharmacology*, **2011**, 133, 999-1007	5	6
12	Tetrahydroquinoline/4,5-Dihydroisoxazole Molecular Hybrids as Inhibitors of Breast Cancer Resistance Protein (BCRP/ABCG2). *ChemMedChem*, **2021**, 16, 2686-2694	3.7	5
11	Effects of new tetrahydroquinoline-isoxazole hybrids on bioenergetics of hepatocarcinoma Hep-G2 cells and rat liver mitochondria. *Chemico-Biological Interactions*, **2019**, 302, 164-171	5	4
10	Design of a Repellent Against Aedes aegypti (Diptera: Culicidae) Using in silico Simulations With AaegOBP1 Protein. *Journal of Medical Entomology*, **2020**, 57, 463-476	2.2	4
9	Model to design insecticides against Aedes aegypti using in silico and in vivo analysis of different pharmacological targets. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 229, 108664	3.2	4
8	Metabolism of the mesoionic compound (MI-D) by mouse liver microsome, detection of its metabolite in vivo, and acute toxicity in mice. *Journal of Biochemical and Molecular Toxicology*, **2009**, 23, 394-405	3.4	3
7	Use in vitro of Gold Nanoparticles Functionalized with Folic Acid as a Photothermal Agent on Treatment of HeLa Cells **2018**, 62,		2

List of Publications

6	Aedes aegypti and the use of natural molecules for its control: Implications in the decrease of Zika disease **2021**, 317-325		2
5	Impact of Cymbopogon flexuosus (Poaceae) essential oil and primary components on the eclosion and larval development of Aedes aegypti.. *Scientific Reports*, **2021**, 11, 24291	4.9	1
4	Repurposing of Four Drugs as Anti-SARS-CoV-2 Agents and Their Interactions with Protein Targets. *Scientia Pharmaceutica*, **2022**, 90, 24	4.3	1
3	Laser photo-thermal therapy of epithelial carcinoma using pterin-6-carboxylic acid conjugated gold nanoparticles. *Photochemical and Photobiological Sciences*, **2021**, 20, 1599-1609	4.2	0
2	Exploiting a Y chromosome-linked Cas9 for sex selection and gene drive. *Nature Communications*, **2021**, 12, 7202	17.4	0
1	Tetrahydroquinoline/4,5-dihydroisoxazole hybrids with a remarkable effect over mitochondrial bioenergetic metabolism on melanoma cell line B16F10. *Medicinal Chemistry Research*, **2021**, 30, 2127	2.2	