

Aline Rigon Zimmer

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,100
citations

566801

15
h-index

414034

32
g-index

36
all docs

36
docs citations

36
times ranked

2025
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid size-exclusion high performance liquid chromatography method for the quality control of amyloid- β^2 oligomers. <i>Journal of Chromatography A</i> , 2021, 1643, 462024.	1.8	2
2	Synthesis and antileukemic activity of an ursolic acid derivative: A potential co-drug in combination with imatinib. <i>Chemico-Biological Interactions</i> , 2021, 344, 109535.	1.7	6
3	Soybeans agroindustrial residues as <i>Staphylococcus epidermidis</i> and <i>S. aureus</i> biofilm inhibitors. <i>Industrial Crops and Products</i> , 2021, 170, 113713.	2.5	5
4	Capsicumicine, a New Bioinspired Peptide from Red Peppers Prevents Staphylococcal Biofilm In Vitro and In Vivo via a Matrix Anti-Assembly Mechanism of Action. <i>Microbiology Spectrum</i> , 2021, 9, e0047121.	1.2	2
5	Discovery of a novel and selective fungicide that targets fungal cell wall to treat dermatomycoses: 1,3-bis(3,4-dichlorophenoxy)propan-2-aminium chloride. <i>Mycoses</i> , 2020, 63, 197-211.	1.8	5
6	Red pepper peptide coatings control <i>Staphylococcus epidermidis</i> adhesion and biofilm formation. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118872.	2.6	12
7	Modeling Diet-Induced Metabolic Syndrome in Rodents. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000249.	1.5	17
8	Quinolines derivatives as promising new antifungal candidates for the treatment of candidiasis and dermatophytosis. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 1691-1701.	0.8	22
9	A short overview on mycophenolic acid pharmacology and pharmacokinetics. <i>Clinical Transplantation</i> , 2020, 34, e13997.	0.8	25
10	Amyloid- β^2 oligomers in cellular models of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2020, 155, 348-369.	2.1	50
11	Betulinic Acid and Brosimine B Hybrid Derivatives as Potential Agents against Female Cancers. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 622-633.	0.9	6
12	Synthesis of new lophine-carbohydrate hybrids as cholinesterase inhibitors: cytotoxicity evaluation and molecular modeling. <i>MedChemComm</i> , 2019, 10, 2089-2101.	3.5	13
13	Rapid tools to gain insights into the interaction dynamics of new δ -hydroxyquinolines with few fungal lines. <i>Chemical Biology and Drug Design</i> , 2019, 93, 1186-1196.	1.5	17
14	Comparison of plasma and oral fluid concentrations of mycophenolic acid and its glucuronide metabolite by LC-MS in kidney transplant patients. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 553-559.	0.8	8
15	Red pepper <i>Capsicum baccatum</i> : source of antiadhesive and antibiofilm compounds against nosocomial bacteria. <i>Industrial Crops and Products</i> , 2019, 127, 148-157.	2.5	23
16	SERCA plays a crucial role in the toxicity of a betulinic acid derivative with potential antimalarial activity. <i>Chemico-Biological Interactions</i> , 2018, 287, 70-77.	1.7	10
17	Design, Synthesis and Biological Evaluation of Betulinic Acid Derivatives as New Antitumor Agents for Leukemia. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 17, 1777-1785.	0.9	9
18	<i>Vaccinium virgatum</i> fruit extract as an important adjuvant in biochemical and behavioral alterations observed in animal model of metabolic syndrome. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 939-947.	2.5	15

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19	Red Pepper (<i>Capsicum baccatum</i>) Extracts Present Anti-Inflammatory Effects In Vivo and Inhibit the Production of TNF- α and NO In Vitro. <i>Journal of Medicinal Food</i> , 2016, 19, 759-767.	0.8	15
20	Plant Natural Products Targeting Bacterial Virulence Factors. <i>Chemical Reviews</i> , 2016, 116, 9162-9236.	23.0	333
21	Anti-infective effects of Brazilian Caatinga plants against pathogenic bacterial biofilm formation. <i>Pharmaceutical Biology</i> , 2015, 53, 464-468.	1.3	21
22	Changes in Brain 14-3-3 Proteins in Response to Insulin Resistance Induced by a High Palatable Diet. <i>Molecular Neurobiology</i> , 2015, 52, 710-718.	1.9	4
23	Nandrolone-induced aggressive behavior is associated with alterations in extracellular glutamate homeostasis in mice. <i>Hormones and Behavior</i> , 2014, 66, 383-392.	1.0	26
24	HPLC- μ AD for the determination of three different classes of antifungals: method characterization, statistical approach, and application to a permeation study. <i>Biomedical Chromatography</i> , 2014, 28, 1728-1737.	0.8	8
25	Influence of penetration enhancers and molecular weight in antifungals permeation through bovine hoof membranes and prediction of efficacy in human nails. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 51, 20-25.	1.9	29
26	Cotinine and Polycyclic Aromatic Hydrocarbons Levels in the Amniotic Fluid and Fetal Cord at Birth and in the Urine from Pregnant Smokers. <i>PLoS ONE</i> , 2014, 9, e116293.	1.1	21
27	Long-Term Oral Administration of <i>Capsicum baccatum</i> Extracts Does Not Alter Behavioral, Hematological, and Metabolic Parameters in CF1 Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	0.5	10
28	Antioxidant and anti-inflammatory properties of <i>Capsicum baccatum</i> : From traditional use to scientific approach. <i>Journal of Ethnopharmacology</i> , 2012, 139, 228-233.	2.0	150
29	Influence of physical exercise and gender on acetylcholinesterase and butyrylcholinesterase activity in human blood samples. <i>International Journal of Environmental Health Research</i> , 2012, 22, 279-286.	1.3	13
30	Potential of medicinal plants from the Brazilian semi-arid region (Caatinga) against <i>Staphylococcus epidermidis</i> planktonic and biofilm lifestyles. <i>Journal of Ethnopharmacology</i> , 2011, 137, 327-335.	2.0	164
31	Hypnotic effect of ecdysterone isolated from <i>Pfaffia glomerata</i> (Spreng.) Pedersen. <i>Revista Brasileira De Farmacognosia</i> , 2008, 18, .	0.6	6
32	HPLC method for the determination of ecdysterone in extractive solution from <i>Pfaffia glomerata</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 450-453.	1.4	28
33	De Novo Synthesis and Recycling Pathways of Sphingomyelin in Rat Sertoli Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 281, 971-975.	1.0	13
34	Synthesis and transport of different sphingomyelin species in rat Sertoli cells. <i>Molecular and Cellular Biochemistry</i> , 2001, 219, 57-64.	1.4	9
35	Expedient Microwave-Assisted Synthesis of Bis(n)-lophine Analogues as Selective Butyrylcholinesterase Inhibitors: Cytotoxicity Evaluation and Molecular Modelling. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1