

Alessandra Mendonça Teles de Souza

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2387933/publications.pdf>

Version: 2024-02-01

50
papers

1,347
citations

361045

20
h-index

344852

36
g-index

50
all docs

50
docs citations

50
times ranked

2263
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, HIV-RT inhibitory activity and SAR of 1-benzyl-1H-1,2,3-triazole derivatives of carbohydrates. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 373-383.	2.6	201
2	Synthesis, tuberculosis inhibitory activity, and SAR study of N-substituted-phenyl-1,2,3-triazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 8644-8653.	1.4	193
3	A comprehensive review of chalcone derivatives as antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 920-929.	2.6	100
4	Trypanocidal agents with low cytotoxicity to mammalian cell line: A comparison of the theoretical and biological features of lapachone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5459-5466.	1.4	78
5	Synthesis, in vitro evaluation, and SAR studies of a potential antichagasic 1H-pyrazolo[3,4-b]pyridine series. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 211-219.	1.4	69
6	HIV-1 Reverse Transcriptase: A Therapeutic Target in the Spotlight. <i>Current Medicinal Chemistry</i> , 2006, 13, 313-324.	1.2	55
7	Synthesis, biological evaluation and SAR of sulfonamide 4-methoxychalcone derivatives with potential antileishmanial activity. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 755-763.	2.6	49
8	Antimycobacterial and Anti-Inflammatory Activities of Substituted Chalcones Focusing on an Anti-Tuberculosis Dual Treatment Approach. <i>Molecules</i> , 2015, 20, 8072-8093.	1.7	44
9	Synthesis and anticancer activities of some novel 2-(benzo[d]thiazol-2-yl)-8-substituted-2H-pyrazolo[4,3-c]quinolin-3(5H)-ones. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1448-1452.	2.6	33
10	Molecular Modeling Studies of the Structural, Electronic, and UV Absorption Properties of Benzophenone Derivatives. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10927-10933.	1.1	33
11	Thieno[2,3-b]pyridine derivatives: a new class of antiviral drugs against Mayaro virus. <i>Archives of Virology</i> , 2017, 162, 1577-1587.	0.9	32
12	Probing insulin bioactivity in oral nanoparticles produced by ultrasonication-assisted emulsification/internal gelation. <i>International Journal of Nanomedicine</i> , 2015, 10, 5865.	3.3	31
13	<i>Trypanosoma cruzi</i> : Insights into naphthoquinone effects on growth and proteinase activity. <i>Experimental Parasitology</i> , 2011, 127, 160-166.	0.5	29
14	Identification of Chalcone Derivatives as Inhibitors of <i>Leishmania infantum</i> Arginase and Promising Antileishmanial Agents. <i>Frontiers in Chemistry</i> , 2020, 8, 624678.	1.8	29
15	<i>Leishmania infantum</i> arginase: biochemical characterization and inhibition by naturally occurring phenolic substances. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 1100-1109.	2.5	28
16	Theoretical and experimental studies of a new aniline derivative corrosion inhibitor for mild steel in acid medium. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2020, 71, 280-291.	0.8	27
17	Synthesis and mechanistic evaluation of novel N-benzylidene-carbohydrazone-1 H-pyrazolo[3,4-b]pyridine derivatives as non-anionic antiplatelet agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 213-229.	2.6	25
18	4-(1H-Pyrazol-1-yl) Benzenesulfonamide Derivatives: Identifying New Active Antileishmanial Structures for Use against a Neglected Disease. <i>Molecules</i> , 2012, 17, 12961-12973.	1.7	23

#	ARTICLE	IF	CITATIONS
19	Identification of Nor-Î ² -Lapachone Derivatives as Potential Antibacterial Compounds against <i>Enterococcus faecalis</i> Clinical Strain. <i>Current Microbiology</i> , 2011, 62, 684-689.	1.0	21
20	Hologram QSAR Models of 4-[(Diethylamino)methyl]-phenol Inhibitors of Acetyl/Butyrylcholinesterase Enzymes as Potential Anti-Alzheimer Agents. <i>Molecules</i> , 2012, 17, 9529-9539.	1.7	21
21	<i>Leishmania amazonensis</i> Growth Inhibitors: Biological and Theoretical Features of Sulfonamide 4-Methoxychalcone Derivatives. <i>Current Microbiology</i> , 2009, 59, 374-379.	1.0	17
22	Molecular Docking Studies of Marine Diterpenes as Inhibitors of Wild-Type and Mutants HIV-1 Reverse Transcriptase. <i>Marine Drugs</i> , 2013, 11, 4127-4143.	2.2	17
23	Identification, characterization and in silico ADMET prediction of Roflumilast degradation products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 138, 126-133.	1.4	16
24	Assessment of predictivity of volatile organic compounds carcinogenicity and mutagenicity by freeware in silico models. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 1-8.	1.3	16
25	A Promising Antiprion Trimethoxychalcone Binds to the Globular Domain of the Cellular Prion Protein and Changes Its Cellular Location. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	15
26	Chalcones identify cTXNPx as a potential antileishmanial drug target. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009951.	1.3	15
27	Synthesis, Cytotoxicity and Mechanistic Evaluation of 4-Oxoquinoline-3-carboxamide Derivatives: Finding New Potential Anticancer Drugs. <i>Molecules</i> , 2014, 19, 6651-6670.	1.7	14
28	Design, synthesis, inÂvitro and in silico studies of novel 4-oxoquinoline ribonucleoside derivatives as HIV-1 reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 194, 112255.	2.6	12
29	Oligopeptidase B and B2: comparative modelling and virtual screening as searching tools for new antileishmanial compounds. <i>Parasitology</i> , 2017, 144, 536-545.	0.7	11
30	Analysis of worldwide sequence mutations in Zika virus proteins E, NS1, NS3 and NS5 from a structural point of view. <i>Molecular BioSystems</i> , 2017, 13, 122-131.	2.9	8
31	Structure-activity relationship, molecular docking, and molecular dynamic studies of diterpenes from marine natural products with anti-HIV activity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 3185-3195.	2.0	8
32	HIV-1 Reverse Transcriptase: a potential target for marine products. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 881-888.	0.6	7
33	Computational Studies of Benzoxazinone Derivatives as Antiviral Agents against Herpes Virus Type 1 Protease. <i>Molecules</i> , 2015, 20, 10689-10704.	1.7	7
34	Forced degradation studies of norepinephrine and epinephrine from dental anesthetics: Development of stabilityâ€indicating HPLC method and in silico toxicity evaluation. <i>Biomedical Chromatography</i> , 2020, 34, e4832.	0.8	7
35	Antiviral Drug Discovery and Development for Mayaro Fever â€“ What do we have so far?. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 921-928.	1.1	7
36	Brown Seaweed Defensive Chemicals: A Structure-activity Relationship Approach for the Marine Environment. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.2	6

#	ARTICLE	IF	CITATIONS
37	Novel isomannide-based peptide mimetics containing a tartaric acid backbone as serine protease inhibitors. <i>Medicinal Chemistry Research</i> , 2014, 23, 5305-5320.	1.1	6
38	Discovery of a new isomannide-based peptidomimetic synthesized by Ugi multicomponent reaction as human tissue kallikrein 1 inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 314-318.	1.0	6
39	Hologram quantitative structure–activity relationship and comparative molecular field analysis studies within a series of tricyclic phthalimide HIV-1 integrase inhibitors. <i>Drug Design, Development and Therapy</i> , 2013, 7, 953.	2.0	5
40	Molecular modeling study of a series of amodiaquine analogues with antimalarial activity. <i>Medicinal Chemistry Research</i> , 2015, 24, 3529-3536.	1.1	5
41	Tannic Acid Solution: A Better Fixative Solution Than Formalin for Elastin and Collagen”Toxic and Morphological Assessment. <i>Anatomical Record</i> , 2018, 301, 1544-1550.	0.8	4
42	Nanoparticles Loaded with a New Thiourea Derivative: Development and In vitro Evaluation Against <i>Leishmania amazonensis</i> . <i>Current Drug Delivery</i> , 2020, 17, 694-702.	0.8	4
43	Evaluation of chloroquine and hydroxychloroquine as ACE-2 Inhibitors By In Silico Approaches: Cardiac Arrhythmia Cause?. <i>Journal of Molecular Structure</i> , 2021, 1244, 130946.	1.8	3
44	In Silico studies of novel Sildenafil self-emulsifying drug delivery system absorption improvement for pulmonary arterial hypertension. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20191445.	0.3	3
45	Effect of 9-hydroxy-1 \pm - and 7-hydroxy-1 \pm -pyran Naphthoquinones on <i>Trypanosoma cruzi</i> and Structure-activity Relationship Studies. <i>Medicinal Chemistry</i> , 2014, 10, 564-570.	0.7	3
46	Insights of Tris(2-pyridylmethyl)amine as anti-tumor agent for osteosarcoma: experimental and in silico studies. <i>Journal of Molecular Structure</i> , 2021, 1228, 129773.	1.8	2
47	Structural insights into the allosteric site of Arabidopsis NADP-malic enzyme 2: role of the second sphere residues in the regulatory signal transmission. <i>Plant Molecular Biology</i> , 2021, 107, 37-48.	2.0	1
48	Diterpenes isolated from <i>Canistocarpus cervicornis</i> with virucidal activity against HIV-1: an in silico evaluation. <i>Natural Product Research</i> , 2021, , 1-5.	1.0	1
49	Synthesis and in silico and in vitro evaluation of trimethoxy-benzamides designed as anti-prion derivatives. <i>Medicinal Chemistry Research</i> , 2019, 28, 2128-2141.	1.1	0
50	Alternative Methods for Pulmonary-Administered Drugs Metabolism: a Breath of Change. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, .	1.1	0