Alessandra MendonÃ§a Teles de Souza

List of Publications by Year
in descending order

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	Structure-activity relationship, molecular docking, and molecular dynamic studies of diterpenes from marine natural products with anti-HIV activity. Journal of Biomolecular Structure and Dynamics, 2022, 40, 3185-3195.	2.0	8
2	Alternative Methods for Pulmonary-Administered Drugs Metabolism: a Breath of Change. Mini-Reviews in Medicinal Chemistry, 2022, 22, .	1.1	0
3	Insights of Tris(2-pyridylmethyl)amine as anti-tumor agent for osteosarcoma: experimental and in silico studies. Journal of Molecular Structure, 2021, 1228, 129773.	1.8	2
4	Structural insights into the allosteric site of Arabidopsis NADP-malic enzyme 2: role of the second sphere residues in the regulatory signal transmission. Plant Molecular Biology, 2021, 107, 37-48.	2.0	1
5	Evaluation of chloroquine and hydroxychloroquine as ACE-2 Inhibitors By In Silico Approaches: Cardiac Arrhythmia Cause?. Journal of Molecular Structure, 2021, 1244, 130946.	1.8	3
6	Chalcones identify cTXNPx as a potential antileishmanial drug target. PLoS Neglected Tropical Diseases, 2021, 15, e0009951.	1.3	15
7	Diterpenes isolated from Canistrocarpus cervicornis with virucidal activity against HIV-1: an in silico evaluation. Natural Product Research, 2021, , 1-5.	1.0	1
8	Theoretical and experimental studies of a new aniline derivative corrosion inhibitor for mild steel in acid medium. Materials and Corrosion - Werkstoffe Und Korrosion, 2020, 71, 280-291.	0.8	27
9	Forced degradation studies of norepinephrine and epinephrine from dental anesthetics: Development of stabilityâ€indicating HPLC method and in silico toxicity evaluation. Biomedical Chromatography, 2020, 34, e4832.	0.8	7
10	Design, synthesis, inÂvitro and in silico studies of novel 4-oxoquinoline ribonucleoside derivatives as HIV-1 reverse transcriptase inhibitors. European Journal of Medicinal Chemistry, 2020, 194, 112255.	2.6	12
11	Identification of Chalcone Derivatives as Inhibitors of Leishmania infantum Arginase and Promising Antileishmanial Agents. Frontiers in Chemistry, 2020, 8, 624678.	1.8	29
12	In Silico studies of novel Sildenafil self-emulsifying drug delivery system absorption improvement for pulmonary arterial hypertension. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20191445.	0.3	3
13	Nanoparticles Loaded with a New Thiourea Derivative: Development and In vitro Evaluation Against Leishmania amazonensis. Current Drug Delivery, 2020, 17, 694-702.	0.8	4
14	Antiviral Drug Discovery and Development for Mayaro Fever â€“ What do we have so far?. Mini-Reviews in Medicinal Chemistry, 2020, 20, 921-928.	1.1	7
15	Synthesis and in silico and in vitro evaluation of trimethoxy-benzamides designed as anti-prion derivatives. Medicinal Chemistry Research, 2019, 28, 2128-2141.	1.1	0
16	Leishmania infantum arginase: biochemical characterization and inhibition by naturally occurring phenolic substances. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1100-1109.	2.5	28
17	A comprehensive review of chalcone derivatives as antileishmanial agents. European Journal of Medicinal Chemistry, 2018, 150, 920-929.	2.6	100
18	A Promising Antiprion Trimethoxychalcone Binds to the Globular Domain of the Cellular Prion Protein and Changes Its Cellular Location. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	15

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19	Tannic Acid Solution: A Better Fixative Solution Than Formalin for Elastin and Collagenâ€"Toxic and Morphological Assessment. Anatomical Record, 2018, 301, 1544-1550.	0.8	4
20	Oligopeptidase B and B2: comparative modelling and virtual screening as searching tools for new antileishmanial compounds. Parasitology, 2017, 144, 536-545.	0.7	11
21	Thieno[2,3-b]pyridine derivatives: a new class of antiviral drugs against Mayaro virus. Archives of Virology, 2017, 162, 1577-1587.	0.9	32
22	Identification, characterization and in silico ADMET prediction of Roflumilast degradation products. Journal of Pharmaceutical and Biomedical Analysis, 2017, 138, 126-133.	1.4	16
23	Synthesis and mechanistic evaluation of novel N â€™-benzylidene-carbohydrazide-1 H -pyrazolo[3,4 -b]pyridine derivatives as non-anionic antiplatelet agents. European Journal of Medicinal Chemistry, 2017, 135, 213-229.	2.6	25
24	Discovery of a new isomannide-based peptidomimetic synthetized by Ugi multicomponent reaction as human tissue kallikrein 1 inhibitor. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 314-318.	1.0	6
25	Assessment of predictivity of volatile organic compounds carcinogenicity and mutagenicity by freeware in silico models. Regulatory Toxicology and Pharmacology, 2017, 91, 1-8.	1.3	16
26	Analysis of worldwide sequence mutations in Zika virus proteins E, NS1, NS3 and NS5 from a structural point of view. Molecular BioSystems, 2017, 13, 122-131.	2.9	8
27	Probing insulin bioactivity in oral nanoparticles produced by ultrasonication-assisted emulsification/internal gelation. International Journal of Nanomedicine, 2015, 10, 5865.	3.3	31
28	Computational Studies of Benzoxazinone Derivatives as Antiviral Agents against Herpes Virus Type 1 Protease. Molecules, 2015, 20, 10689-10704.	1.7	7
29	Molecular modeling study of a series of amodiaquine analogues with antimalarial activity. Medicinal Chemistry Research, 2015, 24, 3529-3536.	1.1	5
30	Antimycobacterial and Anti-Inflammatory Activities of Substituted Chalcones Focusing on an Anti-Tuberculosis Dual Treatment Approach. Molecules, 2015, 20, 8072-8093.	1.7	44
31	Synthesis, Cytotoxicity and Mechanistic Evaluation of 4-Oxoquinoline-3-carboxamide Derivatives: Finding New Potential Anticancer Drugs. Molecules, 2014, 19, 6651-6670.	1.7	14
32	Novel isomannide-based peptide mimetics containing a tartaric acid backbone as serine protease inhibitors. Medicinal Chemistry Research, 2014, 23, 5305-5320.	1.1	6
33	Effect of 9-hydroxy-Î±- and 7-hydroxy-Î²-pyran Naphthoquinones on Trypanosoma cruzi and Structure-activity Relationship Studies. Medicinal Chemistry, 2014, 10, 564-570.	0.7	3
34	Molecular Docking Studies of Marine Diterpenes as Inhibitors of Wild-Type and Mutants HIV-1 Reverse Transcriptase. Marine Drugs, 2013, 11, 4127-4143.	2.2	17
35	Hologram quantitative structure–activity relationship and comparative molecular field analysis studies within a series of tricyclic phthalimide HIV-1 integrase inhibitors. Drug Design, Development and Therapy, 2013, 7, 953.	2.0	5
36	4-(1H-Pyrazol-1-yl) Benzenesulfonamide Derivatives: Identifying New Active Antileishmanial Structures for Use against a Neglected Disease. Molecules, 2012, 17, 12961-12973.	1.7	23

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37	Molecular Modeling Studies of the Structural, Electronic, and UV Absorption Properties of Benzophenone Derivatives. Journal of Physical Chemistry A, 2012, 116, 10927-10933.	1.1	33
38	Hologram QSAR Models of 4-[(Diethylamino)methyl]-phenol Inhibitors of Acetyl/Butyrylcholinesterase Enzymes as Potential Anti-Alzheimer Agents. Molecules, 2012, 17, 9529-9539.	1.7	21
39	HIV-1 Reverse Transcriptase: a potential target for marine products. Revista Brasileira De Farmacognosia, 2012, 22, 881-888.	0.6	7
40	Trypanosoma cruzi: Insights into naphthoquinone effects on growth and proteinase activity. Experimental Parasitology, 2011, 127, 160-166.	0.5	29
41	Identification of Nor-Î²-Lapachone Derivatives as Potential Antibacterial Compounds against Enterococcus faecalis Clinical Strain. Current Microbiology, 2011, 62, 684-689.	1.0	21
42	Synthesis and anticancer activities of some novel 2-(benzo[d]thiazol-2-yl)-8-substituted-2H-pyrazolo[4,3-c]quinolin-3(5H)-ones. European Journal of Medicinal Chemistry, 2011, 46, 1448-1452.	2.6	33
43	Brown Seaweed Defensive Chemicals: A Structure-activity Relationship Approach for the Marine Environment. Natural Product Communications, 2009, 4, 1934578X0900400.	0.2	6
44	Leishmania amazonensis Growth Inhibitors: Biological and Theoretical Features of Sulfonamide 4-Methoxychalcone Derivatives. Current Microbiology, 2009, 59, 374-379.	1.0	17
45	Synthesis, HIV-RT inhibitory activity and SAR of 1-benzyl-1H-1,2,3-triazole derivatives of carbohydrates. European Journal of Medicinal Chemistry, 2009, 44, 373-383.	2.6	201
46	Synthesis, biological evaluation and SAR of sulfonamide 4-methoxychalcone derivatives with potential antileishmanial activity. European Journal of Medicinal Chemistry, 2009, 44, 755-763.	2.6	49
47	Synthesis, in vitro evaluation, and SAR studies of a potential antichagasic 1H-pyrazolo[3,4-b]pyridine series. Bioorganic and Medicinal Chemistry, 2007, 15, 211-219.	1.4	69
48	Trypanocidal agents with low cytotoxicity to mammalian cell line: A comparison of the theoretical and biological features of lapachone derivatives. Bioorganic and Medicinal Chemistry, 2006, 14, 5459-5466.	1.4	78
49	Synthesis, tuberculosis inhibitory activity, and SAR study of N-substituted-phenyl-1,2,3-triazole derivatives. Bioorganic and Medicinal Chemistry, 2006, 14, 8644-8653.	1.4	193
50	HIV-1 Reverse Transcriptase: A Therapeutical Target in the Spotlight. Current Medicinal Chemistry, 2006, 13, 313-324.	1.2	55