Leonardo L G Ferreira

List of Publications by Year
in descending order

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57 papers	2,401 citations	471509 17 h-index	223800 46 g-index
57 all docs	57 docs citations	57 times ranked	3287 citing authors

#	Article	IF	Citations
1	Molecular Docking and Structure-Based Drug Design Strategies. Molecules, 2015, 20, 13384-13421.	3.8	1,255
2	ADMET modeling approaches in drug discovery. Drug Discovery Today, 2019, 24, 1157-1165.	6.4	333
3	Drug repositioning approaches to parasitic diseases: a medicinal chemistry perspective. Drug Discovery Today, 2016, 21, 1699-1710.	6.4	65
4	Targeting cysteine proteases in trypanosomatid disease drug discovery. , 2017, 180, 49-61.		49
5	Phenotypic screening of nonsteroidal anti-inflammatory drugs identified mefenamic acid as a drug for the treatment of schistosomiasis. EBioMedicine, 2019, 43, 370-379.	6.1	47
6	Discovery of Novel Antischistosomal Agents by Molecular Modeling Approaches. Trends in Parasitology, 2016, 32, 874-886.	3.3	45
7	Antifungal compounds from Streptomyces associated with attine ants also inhibit Leishmania donovani. PLoS Neglected Tropical Diseases, 2019, 13, e0007643.	3.0	39
8	Recent Advances and Perspectives in Cancer Drug Design. Anais Da Academia Brasileira De Ciencias, 2018, 90, 1233-1250.	0.8	38
9	Approaches to advance drug discovery for neglected tropical diseases. Drug Discovery Today, 2022, 27, 2278-2287.	6.4	35
10	Practices in Molecular Docking and Structure-Based Virtual Screening. Methods in Molecular Biology, 2018, 1762, 31-50.	0.9	34
11	Discovery of Potent, Reversible, and Competitive Cruzain Inhibitors with Trypanocidal Activity: A Structure-Based Drug Design Approach. Journal of Chemical Information and Modeling, 2020, 60, 1028-1041.	5.4	32
12	Meliponamycins: Antimicrobials from Stingless Bee-Associated Streptomyces sp.. Journal of Natural Products, 2020, 83, 610-616.	3.0	29
13	Drugs and vaccines in the 21st century for neglected diseases. Lancet Infectious Diseases, The, 2019, 19, 125-127.	9.1	28
14	H1-antihistamines as antischistosomal drugs: in vitro and in vivo studies. Parasites and Vectors, 2020, 13, 278.	2.5	28
15	Target-based molecular modeling strategies for schistosomiasis drug discovery. Future Medicinal Chemistry, 2015, 7, 753-764.	2.3	27
16	Protein-protein interaction inhibitors: advances in anticancer drug design. Expert Opinion on Drug Discovery, 2016, 11, 957-968.	5.0	25
17	Structure-Based and Molecular Modeling Studies for the Discovery of Cyclic Imides as Reversible Cruzain Inhibitors With Potent Anti-Trypanosoma cruzi Activity. Frontiers in Chemistry, 2019, 7, 798.	3.6	24
18	Molecular modeling and structureâ€“activity relationships for a series of benzimidazole derivatives as cruzain inhibitors. Future Medicinal Chemistry, 2017, 9, 641-657.	2.3	18

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19	Advances and Progress in Chagas Disease Drug Discovery. Current Topics in Medicinal Chemistry, 2016, 16, 2290-2302.	2.1	17
20	Chemoinformatics Strategies for Leishmaniasis Drug Discovery. Frontiers in Pharmacology, 2018, 9, 1278.	3.5	16
21	From Medicinal Chemistry to Human Health: Current Approaches to Drug Discovery for Cancer and Neglected Tropical Diseases. Anais Da Academia Brasileira De Ciencias, 2018, 90, 645-661.	0.8	15
22	Medicamentos e tratamentos para a Covid-19. Estudos Avancados, 2020, 34, 7-27.	0.5	15
23	Antileishmanial macrolides from ant-associated Streptomyces sp. ISID311. Bioorganic and Medicinal Chemistry, 2021, 32, 116016.	3.0	14
24	Editorial: Chemoinformatics Approaches to Structure- and Ligand-Based Drug Design. Frontiers in Pharmacology, 2018, 9, 1416.	3.5	13
25	Quantitative Structureâ€“Activity Relationships for Structurally Diverse Chemotypes Having Anti-Trypanosoma cruzi Activity. International Journal of Molecular Sciences, 2019, 20, 2801.	4.1	13
26	From chemoinformatics to deep learning: an open road to drug discovery. Future Medicinal Chemistry, 2019, 11, 371-374.	2.3	10
27	Discovery of highly potent and selective antiparasitic new oxadiazole and hydroxy-oxindole small molecule hybrids. European Journal of Medicinal Chemistry, 2020, 201, 112418.	5.5	10
28	From Protein Structure to Small-Molecules: Recent Advances and Applications to Fragment-Based Drug Discovery. Current Topics in Medicinal Chemistry, 2017, 17, 2260-2270.	2.1	10
29	Susceptibility of Angiostrongylus cantonensis Larvae to Anthelmintic Drugs. Frontiers in Pharmacology, 0, 13, .	3.5	10
30	Inhibitors of Trypanosoma brucei trypanothione reductase: comparative molecular field analysis modeling and structural basis for selective inhibition. Future Medicinal Chemistry, 2013, 5, 1753-1762.	2.3	8
31	2-aminobenzimidazoles for leishmaniasis: From initial hit discovery to in vivo profiling. PLoS Neglected Tropical Diseases, 2021, 15, e0009196.	3.0	8
32	Chemoinformatics Studies on a Series of Imidazoles as Cruzain Inhibitors. Biomolecules, 2021, 11, 579.	4.0	8
33	COVID-19: Small-Molecule Clinical Trials Landscape. Current Topics in Medicinal Chemistry, 2020, 20, 1577-1580.	2.1	8
34	Structure-Based Virtual Screening, Molecular Dynamics and Binding Free Energy Calculations of Hit Candidates as ALK-5 Inhibitors. Molecules, 2020, 25, 264.	3.8	7
35	World Chagas Disease Day and the New Road Map for Neglected Tropical Diseases. Current Topics in Medicinal Chemistry, 2020, 20, 1518-1520.	2.1	6
36	Multiparameter Optimization of Trypanocidal Cruzain Inhibitors With In Vivo Activity and Favorable Pharmacokinetics. Frontiers in Pharmacology, 2021, 12, 774069.	3.5	6

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37	Novel trypanocidal thiophen-chalcone cruzain inhibitors: structure- and ligand-based studies. Future Medicinal Chemistry, 2022, 14, 795-808.	2.3	6
38	Hit-to-lead optimization of a benzene sulfonamide series for potential antileishmanial agents. RSC Medicinal Chemistry, 2020, 11, 1267-1274.	3.9	5
39	Structure-Based Virtual Screening and Biochemical Evaluation for the Identification of Novel Trypanosoma brucei Aldolase Inhibitors. Current Topics in Medicinal Chemistry, 2018, 18, 397-405.	2.1	5
40	Antioxidant and Antibacterial Activity of Sulfonamides Derived from Carvacrol: A Structure-Activity Relationship Study. Current Topics in Medicinal Chemistry, 2020, 20, 173-181.	2.1	5
41	Hologram Quantitative Structure-Activity Relationships for a Class of Inhibitors of HIV-1 Protease. Letters in Drug Design and Discovery, 2007, 4, 356-364.	0.7	4
42	Comparative Molecular Field Analysis of a Series of Inhibitors of HIV-1 Protease. Medicinal Chemistry, 2011, 7, 71-79.	1.5	4
43	Synthesis of a novel brominated vinylic fatty acid with antileishmanial activity that effectively inhibits the Leishmania topoisomerase IB enzyme mediated by halogen bond formation. Pure and Applied Chemistry, 2019, 91, 1405-1416.	1.9	3
44	2',6'-dihydroxy-4'-methoxy Dihydrochalcone Improves the Cognitive Impairment of Alzheimer's Disease: A Structure-activity Relationship Study. Current Topics in Medicinal Chemistry, 2021, 21, 1167-1185.	2.1	3
45	Medicinal Chemistry Approaches to Neglected Diseases Drug Discovery. Journal of Modern Medicinal Chemistry, 2014, 2, 20-31.	0.8	3
46	Fragment-Based QSAR and Structural Analysis of a Series of Hydroxyethylamine Derivatives as HIV-1 Protease Inhibitors. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 464-475.	1.1	3
47	Diaminomaleonitrile derivatives as new potential antichagasic compounds: a study of structureâ€“activity relationships. Future Medicinal Chemistry, 2021, 13, 2167-2183.	2.3	3
48	Antioxidant Activity, Molecular Docking, Quantum Studies and In Vivo Antinociceptive Activity of Sulfonamides Derived From Carvacrol. Frontiers in Pharmacology, 2021, 12, 788850.	3.5	3
49	Structure- and Ligand-Based Structure-Activity Relationships for a Series of Inhibitors of Aldolase. Current Computer-Aided Drug Design, 2012, 8, 309-316.	1.2	2
50	Structure-Based Drug Design Studies on a Series of Aldolase Inhibitors. Journal of the Brazilian Chemical Society, 2013, 24, 201-211.	0.6	2
51	2D and 3D QSAR Studies on a Series of Antichagasic Fenarimol Derivatives. International Journal of Quantitative Structure-Property Relationships, 2017, 2, 44-63.	0.5	2
52	Liquid Fungal Cocultivation as a Strategy to Access Bioactive Metabolites. Planta Medica, 2021, 87, 187-195.	1.3	1
53	Molecular Docking and Quantum Studies of Lawsone Dimers Derivatives: New Investigation of Antioxidant Behavior and Antifungal Activity. Current Topics in Medicinal Chemistry, 2020, 20, 182-191.	2.1	1
54	Cancer Estimates in Brazil Reveal Progress for the Most Lethal Malignancies. Current Topics in Medicinal Chemistry, 2020, 20, 1962-1966.	2.1	1

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55	Editorial: Drug Discovery for Neglected Diseases. Current Topics in Medicinal Chemistry, 2018, 18, 313-314.	2.1	0
56	2D and 3D QSAR Studies on a Series of Antichagasic Fenarimol Derivatives. , 2017, , 956-977.		0
57	Editorial: Chemoinformatics Approaches to Structure- and Ligand-Based Drug Design, Volume II. Frontiers in Pharmacology, 0, 13, .	3.5	0