Bruno S Andrade

List of Publications by Year
in descending order

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31 papers	674 citations	759233 12 h-index	610901 24 g-index
37 all docs	37 docs citations	37 times ranked	955 citing authors

#	Article	IF	Citations
1	Long-COVID and Post-COVID Health Complications: An Up-to-Date Review on Clinical Conditions and Their Possible Molecular Mechanisms. Viruses, 2021, 13, 700.	3.3	249
2	Potential chimeric peptides to block the SARS-CoV-2 spike receptor-binding domain. F1000Research, 2020, 9, 576.	1.6	38
3	The pathogenesis-related protein PR-4b from Theobroma cacao presents RNase activity, Ca2+ and Mg2+ dependent-DNase activity and antifungal action on Moniliophthora perniciosa. BMC Plant Biology, 2014, 14, 161.	3.6	36
4	SUR1 Receptor Interaction with Hesperidin and Linarin Predicts Possible Mechanisms of Action of Valeriana officinalis in Parkinson. Frontiers in Aging Neuroscience, 2016, 8, 97.	3.4	27
5	Disentangling the ecotoxicological selectivity of clove essential oil against aphids and non-target ladybeetles. Science of the Total Environment, 2020, 718, 137328.	8.0	27
6	Essential oil from Negramina (Siparuna guianensis) plants controls aphids without impairing survival and predatory abilities of non-target ladybeetles. Environmental Pollution, 2019, 255, 113153.	7.5	26
7	Mosquiticidal and repellent potential of formulations containing wood residue extracts of a Neotropical plant, Tabebuia heptaphylla. Industrial Crops and Products, 2019, 129, 424-433.	5.2	26
8	A novel multi-omics-based highly accurate prediction of symptoms, comorbid conditions, and possible long-term complications of COVID-19. Molecular Omics, 2021, 17, 317-337.	2.8	24
9	Antibacterial activity of Siparuna guianensis essential oil mediated by impairment of membrane permeability and replication of pathogenic bacteria. Industrial Crops and Products, 2020, 146, 112142.	5.2	21
10	Repurposing Approved Drugs for Guiding COVID-19 Prophylaxis: A Systematic Review. Frontiers in Pharmacology, 2020, 11, 590598.	3.5	21
11	Predicting COVID-19â€"Comorbidity Pathway Crosstalk-Based Targets and Drugs: Towards Personalized COVID-19 Management. Biomedicines, 2021, 9, 556.	3.2	20
12	The Spike of SARS-CoV-2: Uniqueness and Applications. Frontiers in Immunology, 2021, 12, 663912.	4.8	14
13	Comparative modeling of DNA and RNA polymerases from Moniliophthora perniciosa mitochondrial plasmid. Theoretical Biology and Medical Modelling, 2009, 6, 22.	2.1	12
14	Computational screening for potential drug candidates against the SARS-CoV-2 main protease. F1000Research, 2020, 9, 514.	1.6	12
15	Mycelial development preceding basidioma formation in Moniliophthora perniciosa is associated to chitin, sugar and nutrient metabolism alterations involving autophagy. Fungal Genetics and Biology, 2016, 86, 33-46.	2.1	11
16	Alternative oxidase (AOX) constitutes a small family of proteins in Citrus clementina and Citrus sinensis L. Osb. PLoS ONE, 2017, 12, e0176878.	2.5	11
17	Recombinant Î²-1,3-1,4-glucanase from Theobroma cacao impairs Moniliophthora perniciosa mycelial growth. Molecular Biology Reports, 2013, 40, 5417-5427.	2.3	10
18	Potential Molecular Mechanisms of Rare Anti-Tumor Immune Response by SARS-CoV-2 in Isolated Cases of Lymphomas. Viruses, 2021, 13, 1927.	3.3	10

#	Article	IF	Citations
19	Implications derived from S-protein variants of SARS-CoV-2 from six continents. International Journal of Biological Macromolecules, 2021, 191, 934-955.	7.5	10
20	Computational screening for potential drug candidates against the SARS-CoV-2 main protease. F1000Research, 2020, 9, 514.	1.6	10
21	TcCYPR04, a Cacao Papain-Like Cysteine-Protease Detected in Senescent and Necrotic Tissues Interacts with a Cystatin TcCYS4. PLoS ONE, 2015, 10, e0144440.	2.5	7
22	An issue of concern: unique truncated ORF8 protein variants of SARS-CoV-2. PeerJ, 2022, 10, e13136.	2.0	7
23	Local administration of p-coumaric acid decreases lipopolysaccharide-induced acute lung injury in mice: In vitro and in silico studies. European Journal of Pharmacology, 2021, 897, 173929.	3.5	6
24	Virtual Screening and Molecular Docking for Arylalkylamine-N-Acetyltransferase (aaNAT) Inhibitors, a Key Enzyme of <i>Aedes</i> (Stegomyia) <i>aegypti</i> (L.) Metabolism. Computational Molecular Bioscience, 2015, 05, 35-44.	0.4	5
25	New putative therapeutic targets againstSerratia marcescensusing reverse vaccinology and subtractive genomics. Journal of Biomolecular Structure and Dynamics, 2022, 40, 10106-10121.	3.5	4
26	The selenium-binding protein of Theobroma cacao: A thermostable protein involved in the witchesâ€™ broom disease resistance. Plant Physiology and Biochemistry, 2019, 142, 472-481.	5.8	3
27	Molecular docking between the RNA polymerase of the Moniliophthora perniciosa mitochondrial plasmid and Rifampicin produces a highly stable complex. Theoretical Biology and Medical Modelling, 2013, 10, 15.	2.1	2
28	DNA and RNA polymerase activity in a Moniliophthora perniciosa mitochondrial plasmid and self-defense against oxidative stress. Genetics and Molecular Research, 2013, 12, 1944-1950.	0.2	2
29	Phylogenetic analysis of DNA and RNA polymerases from a Moniliophthora perniciosa mitochondrial plasmid reveals probable lateral gene transfer. Genetics and Molecular Research, 2015, 14, 14105-14114.	0.2	2
30	Laboratory biochemical markers of cardiac injury by COVID-19: an integrative review.. SaÃºde, 2021, 47, .	0.1	0
31	Virtual screening reveals a viral-like polymerase inhibitor that complexes with the DNA polymerase of Moniliophthora perniciosa. Genetics and Molecular Research, 2016, 15, .	0.2	0