Andrea Thompson Da Poian

List of Publications by Year
in descending order

31	1,943	489802 18	511568 30
papers	citations	h-index	g-index

34	34	34	3755
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insights into the specificity for the interaction of the promiscuous SARS-CoV-2 nucleocapsid protein N-terminal domain with deoxyribonucleic acids. International Journal of Biological Macromolecules, 2022, 203, 466-480.	3.6	16
2	Targeting Zika Virus with New Brain- and Placenta-Crossing Peptideâ€“Porphyrin Conjugates. Pharmaceutics, 2022, 14, 738.	2.0	5
3	The interaction of dengue virus capsid protein with negatively charged interfaces drives the in vitro assembly of nucleocapsid-like particles. PLoS ONE, 2022, 17, e0264643.	1.1	5
4	Searching for drug leads targeted to the hydrophobic cleft of dengue virus capsid protein. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 287-298.	2.5	1
5	A relaÃ§Ã£o entre o bem-estar subjetivo e a aprendizagem significativa: como o Ensino de CiÃªncias por InvestigaÃ§Ã£o pode alavancar o processo de ensino-aprendizagem com crianÃ§as. Revista De Ensino De CiÃªncias E MatemÃ¡tica, 2022, 13, 1-26.	0.0	0
6	Unique structural features of flavivirusesâ€™ capsid proteins: new insights on structure-function relationship. Current Opinion in Virology, 2021, 47, 106-112.	2.6	5
7	Large-Scale Recombinant Production of the SARS-CoV-2 Proteome for High-Throughput and Structural Biology Applications. Frontiers in Molecular Biosciences, 2021, 8, 653148.	1.6	29
8	Skeletal Muscle Is an Early Site of Zika Virus Replication and Injury, Which Impairs Myogenesis. Journal of Virology, 2021, 95, e0090421.	1.5	6
9	SARS-CoV-2-associated cytokine storm during pregnancy as a possible risk factor for neuropsychiatric disorder development in post-pandemic infants. Neuropharmacology, 2021, 201, 108841.	2.0	18
10	Modulation in phase and frequency of neural oscillations during epileptiform activity induced by neonatal Zika virus infection in mice. Scientific Reports, 2020, 10, 6763.	1.6	8
11	Zika virus replicates in adult human brain tissue and impairs synapses and memory in mice. Nature Communications, 2019, 10, 3890.	5.8	135
12	Dynamics of Zika Virus Capsid Protein in Solution: The Properties and Exposure of the Hydrophobic Cleft Are Controlled by the Î±-Helix 1 Sequence. Biochemistry, 2019, 58, 2488-2498.	1.2	14
13	Anaplerotic Role of Glucose in the Oxidation of Endogenous Fatty Acids during Dengue Virus Infection. MSphere, 2018, 3, .	1.3	17
14	Co-protoporphyrin IX and Sn-protoporphyrin IX inactivate Zika, Chikungunya and other arboviruses by targeting the viral envelope. Scientific Reports, 2018, 8, 9805.	1.6	45
15	Upregulation of Glucose Uptake and Hexokinase Activity of Primary Human CD4+ T Cells in Response to Infection with HIV-1. Viruses, 2018, 10, 114.	1.5	59
16	Acute and chronic neurological consequences of early-life Zika virus infection in mice. Science Translational Medicine, 2018, 10, .	5.8	109
17	Development of standard methods for Zika virus propagation, titration, and purification. Journal of Virological Methods, 2017, 246, 65-74.	1.0	58
18	Mechanisms of Vesicular Stomatitis Virus Inactivation by Protoporphyrin IX, Zinc-Protoporphyrin IX, and Mesoporphyrin IX. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	31

#	Article	IF	Citations
19	Short-term starvation is a strategy to unravel the cellular capacity of oxidizing specific exogenous/endogenous substrates in mitochondria. Journal of Biological Chemistry, 2017, 292, 14176-14187.	1.6	15
20	Non-Canonical Roles of Dengue Virus Non-Structural Proteins. Viruses, 2017, 9, 42.	1.5	27
21	¹ H Nuclear Magnetic Resonance Metabolomics of Plasma Unveils Liver Dysfunction in Dengue Patients. Journal of Virology, 2016, 90, 7429-7443.	1.5	28
22	Receptors and routes of dengue virus entry into the host cells. FEMS Microbiology Reviews, 2015, 39, 155-170.	3.9	231
23	Modulation of Î±-Enolase Post-Translational Modifications by Dengue Virus: Increased Secretion of the Basic Isoforms in Infected Hepatic Cells. PLoS ONE, 2014, 9, e88314.	1.1	10
24	Virus-induced changes in mitochondrial bioenergetics as potential targets for therapy. International Journal of Biochemistry and Cell Biology, 2013, 45, 41-46.	1.2	57
25	The disordered N-terminal region of dengue virus capsid protein contains a lipid-droplet-binding motif. Biochemical Journal, 2012, 444, 405-415.	1.7	83
26	A real-time PCR procedure for detection of dengue virus serotypes 1, 2, and 3, and their quantitation in clinical and laboratory samples. Journal of Virological Methods, 2010, 163, 1-9.	1.0	41
27	Gene expression analysis during dengue virus infection in HepG2 cells reveals virus control of innate immune response. Journal of Infection, 2010, 60, 65-75.	1.7	51
28	Contribution of macrophage migration inhibitory factor to the pathogenesis of dengue virus infection. FASEB Journal, 2010, 24, 218-228.	0.2	104
29	Dengue Virus Capsid Protein Usurps Lipid Droplets for Viral Particle Formation. PLoS Pathogens, 2009, 5, e1000632.	2.1	484
30	Inhibition of energy-producing pathways of HepG2 cells by 3-bromopyruvate1. Biochemical Journal, 2009, 417, 717-726.	1.7	155
31	Mitochondrial and bioenergetic dysfunction in human hepatic cells infected with dengue 2 virus. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2007, 1772, 1158-1166.	1.8	89