Jairo R Temerozo

List of Publications by Year
in descending order

33 papers	1,223 citations	516710 16 h-index	434195 31 g-index
48 all docs	48 docs citations	48 times ranked	1892 citing authors

#	Article	IF	Citations
1	SARS-CoV-2 engages inflammasome and pyroptosis in human primary monocytes. Cell Death Discovery, 2021, 7, 43.	4.7	194
2	Lipid droplets fuel SARS-CoV-2 replication and production of inflammatory mediators. PLoS Pathogens, 2020, 16, e1009127.	4.7	193
3	Atazanavir, Alone or in Combination with Ritonavir, Inhibits SARS-CoV-2 Replication and Proinflammatory Cytokine Production. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	109
4	In vitro antiviral activity of the anti-HCV drugs daclatasvir and sofosbuvir against SARS-CoV-2, the aetiological agent of COVID-19. Journal of Antimicrobial Chemotherapy, 2021, 76, 1874-1885.	3.0	65
5	SARS-CoV-2 Proteins Bind to Hemoglobin and Its Metabolites. International Journal of Molecular Sciences, 2021, 22, 9035.	4.1	41
6	Combination of antiviral drugs inhibits SARS-CoV-2 polymerase and exonuclease and demonstrates COVID-19 therapeutic potential in viral cell culture. Communications Biology, 2022, 5, 154.	4.4	40
7	Protective effect of gedunin on TLR-mediated inflammation by modulation of inflammasome activation and cytokine production: Evidence of a multitarget compound. Pharmacological Research, 2017, 115, 65-77.	7.1	37
8	Synthesis, antiviral activity and molecular modeling of oxoquinoline derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 5476-5481.	3.0	36
9	Platelet-monocyte interaction amplifies thromboinflammation through tissue factor signaling in COVID-19. Blood Advances, 2022, 6, 5085-5099.	5.2	32
10	Simvastatin Downregulates the SARS-CoV-2-Induced Inflammatory Response and Impairs Viral Infection Through Disruption of Lipid Rafts. Frontiers in Immunology, 2022, 13, 820131.	4.8	29
11	Neutrophil extracellular trap-enriched supernatants carry microRNAs able to modulate TNF-Î± production by macrophages. Scientific Reports, 2020, 10, 2715.	3.3	28
12	Commercially Available Flavonols Are Better SARS-CoV-2 Inhibitors than Isoflavone and Flavones. Viruses, 2022, 14, 1458.	3.3	26
13	Macrophage Resistance to HIV-1 Infection Is Enhanced by the Neuropeptides VIP and PACAP. PLoS ONE, 2013, 8, e67701.	2.5	25
14	Neuroendocrine Control of Macrophage Development and Function. Frontiers in Immunology, 2018, 9, 1440.	4.8	23
15	A Biosafety Level 2 Mouse Model for Studying Betacoronavirus-Induced Acute Lung Damage and Systemic Manifestations. Journal of Virology, 2021, 95, e0127621.	3.4	23
16	Atazanavir Is a Competitive Inhibitor of SARS-CoV-2 Mpro, Impairing Variants Replication In Vitro and In Vivo. Pharmaceuticals, 2022, 15, 21.	3.8	21
17	Activation of Toll-like receptor 2 increases macrophage resistance to HIV-1 infection. Immunobiology, 2013, 218, 1529-1536.	1.9	20
18	Human endogenous retrovirus K in the respiratory tract is associated with COVID-19 physiopathology. Microbiome, 2022, 10, 65.	11.1	20

#	Article	IF	Citations
19	Non-permissive SARS-CoV-2 infection in human neurospheres. Stem Cell Research, 2021, 54, 102436.	0.7	19
20	The nerve growth factor reduces APOBEC3G synthesis and enhances HIV-1 transcription and replication in human primary macrophages. Blood, 2011, 117, 2944-2952.	1.4	18
21	The Neuropeptides Vasoactive Intestinal Peptide and Pituitary Adenylate Cyclase-Activating Polypeptide Control HIV-1 Infection in Macrophages Through Activation of Protein Kinases A and C. Frontiers in Immunology, 2018, 9, 1336.	4.8	15
22	VIP plasma levels associate with survival in severe COVID-19 patients, correlating with protective effects in SARS-CoV-2-infected cells. Journal of Leukocyte Biology, 2022, 111, 1107-1121.	3.3	15
23	HIV-1 Tat protein enhances the intracellular growth of Leishmania amazonensis via the ds-RNA induced protein PKR. Scientific Reports, 2015, 5, 16777.	3.3	13
24	Unlike Chloroquine, Mefloquine Inhibits SARS-CoV-2 Infection in Physiologically Relevant Cells. Viruses, 2022, 14, 374.	3.3	12
25	The Chemokine CCL5 Inhibits the Replication of Influenza A Virus Through SAMHD1 Modulation. Frontiers in Cellular and Infection Microbiology, 2021, 11, 549020.	3.9	11
26	The Effects of Neurotrophins and the Neuropeptides VIP and PACAP on HIV-1 Infection: Histories with Opposite Ends. NeuroImmunoModulation, 2014, 21, 268-282.	1.8	9
27	Neutrophil extracellular traps from healthy donors and HIV-1-infected individuals restrict HIV-1 production in macrophages. Scientific Reports, 2020, 10, 19603.	3.3	9
28	HIV-1 and Its gp120 Inhibits the Influenza A(H1N1)pdm09 Life Cycle in an IFITM3-Dependent Fashion. PLoS ONE, 2014, 9, e101056.	2.5	9
29	WIN 55,212-2 shows anti-inflammatory and survival properties in human iPSC-derived cardiomyocytes infected with SARS-CoV-2. PeerJ, 2021, 9, e12262.	2.0	5
30	Inhibition of SARS-CoV-2 infection in human iPSC-derived cardiomyocytes by targeting the Sigma-1 receptor disrupts cytoarchitecture and beating. PeerJ, 2021, 9, e12595.	2.0	5
31	Lipid droplets fuel SARS-CoV-2 replication and production of inflammatory mediators. , 2020, 16, e1009127.		0
32	Lipid droplets fuel SARS-CoV-2 replication and production of inflammatory mediators. , 2020, 16, e1009127.		0
33	Lipid droplets fuel SARS-CoV-2 replication and production of inflammatory mediators. , 2020, 16, e1009127.		0