Jorge C Blanco

List of Publications by Year
in descending order

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32 papers	1,897 citations	331642 21 h-index	414395 32 g-index
33 all docs	33 docs citations	33 times ranked	2603 citing authors

#	Article	IF	Citations
1	The TLR4 antagonist Eritoran protects mice from lethal influenza infection. Nature, 2013, 497, 498-502.	27.8	382
2	Analysis of TLR4 Polymorphic Variants: New Insights into TLR4/MD-2/CD14 Stoichiometry, Structure, and Signaling. Journal of Immunology, 2006, 177, 322-332.	0.8	233
3	Association of TLR4 Polymorphisms with Symptomatic Respiratory Syncytial Virus Infection in High-Risk Infants and Young Children. Journal of Immunology, 2007, 179, 3171-3177.	0.8	168
4	The cotton rat provides a useful small-animal model for the study of influenza virus pathogenesis. Journal of General Virology, 2005, 86, 2823-2830.	2.9	120
5	TLR4 antagonist FP7 inhibits LPS-induced cytokine production and glycolytic reprogramming in dendritic cells, and protects mice from lethal influenza infection. Scientific Reports, 2017, 7, 40791.	3.3	105
6	The cotton rat model of respiratory viral infections. Biologicals, 2009, 37, 152-159.	1.4	98
7	The TLR4 agonist, monophosphoryl lipid A, attenuates the cytokine storm associated with respiratory syncytial virus vaccine-enhanced disease. Vaccine, 2006, 24, 5027-5035.	3.8	91
8	Cytokine and Chemokine Gene Expression after Primary and Secondary Respiratory Syncytial Virus Infection in Cotton Rats. Journal of Infectious Diseases, 2002, 185, 1780-1785.	4.0	81
9	Respiratory Syncytial Virus (RSV) Infection Induces Cyclooxygenase 2: A Potential Target for RSV Therapy. Journal of Immunology, 2005, 174, 4356-4364.	0.8	70
10	Respiratory Syncytial Virus Infects and Abortively Replicates in the Lungs in Spite of Preexisting Immunity. Journal of Virology, 2007, 81, 9443-9450.	3.4	45
11	The Cotton Rat: An Underutilized Animal Model for Human Infectious Diseases Can Now Be Exploited Using Specific Reagents to Cytokines, Chemokines, and Interferons. Journal of Interferon and Cytokine Research, 2004, 24, 21-28.	1.2	42
12	Induction of type I interferons and interferon-inducible Mx genes during respiratory syncytial virus infection and reinfection in cotton rats. Journal of General Virology, 2008, 89, 261-270.	2.9	40
13	Efficacy of a respiratory syncytial virus vaccine candidate in a maternal immunization model. Nature Communications, 2018, 9, 1904.	12.8	39
14	Interferon-Inducible Mx Gene Expression in Cotton Rats: Cloning, Characterization, and Expression During Influenza Viral Infection. Journal of Interferon and Cytokine Research, 2006, 26, 914-921.	1.2	38
15	Serum High-Mobility-Group Box 1 as a Biomarker and a Therapeutic Target during Respiratory Virus Infections. MBio, 2018, 9, .	4.1	38
16	The Cotton Rat Sigmodon Hispidus Model of Respiratory Syncytial Virus Infection. Current Topics in Microbiology and Immunology, 2013, 372, 347-358.	1.1	36
17	Receptor Characterization and Susceptibility of Cotton Rats to Avian and 2009 Pandemic Influenza Virus Strains. Journal of Virology, 2013, 87, 2036-2045.	3.4	34
18	Targeting TLR4 Signaling to Blunt Viral-Mediated Acute Lung Injury. Frontiers in Immunology, 2021, 12, 705080.	4.8	30

#	Article	IF	Citations
19	Cotton rat immune responses to virus-like particles containing the pre-fusion form of respiratory syncytial virus fusion protein. Journal of Translational Medicine, 2015, 13, 350.	4.4	28
20	Enterovirus D-68 Infection, Prophylaxis, and Vaccination in a Novel Permissive Animal Model, the Cotton Rat (Sigmodon hispidus). PLoS ONE, 2016, 11, e0166336.	2.5	28
21	Efficacy of the Herpes Simplex Virus 2 (HSV-2) Glycoprotein D/AS04 Vaccine against Genital HSV-2 and HSV-1 Infection and Disease in the Cotton Rat Sigmodon hispidus Model. Journal of Virology, 2015, 89, 9825-9840.	3.4	24
22	Prophylactic antibody treatment and intramuscular immunization reduce infectious human rhinovirus 16 load in the lower respiratory tract of challenged cotton rats. Trials in Vaccinology, 2014, 3, 52-60.	1.2	22
23	Maternal transfer of RSV immunity in cotton rats vaccinated during pregnancy. Vaccine, 2015, 33, 5371-5379.	3.8	22
24	A mouse model of human TLR4 D299G/T399I SNPs reveals mechanisms of altered LPS and pathogen responses. Journal of Experimental Medicine, 2021, 218, .	8.5	19
25	Preclinical assessment of safety of maternal vaccination against respiratory syncytial virus (RSV) in cotton rats. Vaccine, 2017, 35, 3951-3958.	3.8	15
26	Alternative Virus-Like Particle-Associated Prefusion F Proteins as Maternal Vaccines for Respiratory Syncytial Virus. Journal of Virology, 2019, 93, .	3.4	11
27	Select targeting of intracellular Toll-interleukin-1 receptor resistance domains for protection against influenza-induced disease. Innate Immunity, 2020, 26, 26-34.	2.4	11
28	Immunization with Live Human Rhinovirus (HRV) 16 Induces Protection in Cotton Rats against HRV14 Infection. Frontiers in Microbiology, 2017, 8, 1646.	3.5	9
29	Comparisons of Antibody Populations in Different Pre-Fusion F VLP-Immunized Cotton Rat Dams and Their Offspring. Vaccines, 2020, 8, 133.	4.4	8
30	Evolution of protection after maternal immunization for respiratory syncytial virus in cotton rats. PLoS Pathogens, 2021, 17, e1009856.	4.7	4
31	Effect of aging on immunogenicity and efficacy of inactivated influenza vaccines in cotton rats Sigmodon hispidus. Human Vaccines and Immunotherapeutics, 2021, 17, 133-145.	3.3	3
32	Microbial community structure and composition is associated with host species and sex in Sigmodon cotton rats. Animal Microbiome, 2021, 3, 29.	3.8	3