Jorge C Blanco

List of Publications by Year in Descending Order

32 papers	1,563 citations	19 h-index	33 g-index
33 ext. papers	1,797 ext. citations	7.2 avg, IF	4.16 L-index

#	Paper	IF	Citations
32	A mouse model of human TLR4 D299G/T399I SNPs reveals mechanisms of altered LPS and pathogen responses. *Journal of Experimental Medicine*, **2021**, 218,	16.6	7
31	Microbial community structure and composition is associated with host species and sex in Sigmodon cotton rats. *Animal Microbiome*, **2021**, 3, 29	4.1	1
30	Targeting TLR4 Signaling to Blunt Viral-Mediated Acute Lung Injury. *Frontiers in Immunology*, **2021**, 12, 705080	8.4	8
29	Effect of aging on immunogenicity and efficacy of inactivated influenza vaccines in cotton rats. *Human Vaccines and Immunotherapeutics*, **2021**, 17, 133-145	4.4	1
28	Evolution of protection after maternal immunization for respiratory syncytial virus in cotton rats.. *PLoS Pathogens*, **2021**, 17, e1009856	7.6	1
27	Comparisons of Antibody Populations in Different Pre-Fusion F VLP-Immunized Cotton Rat Dams and Their Offspring. *Vaccines*, **2020**, 8,	5.3	2
26	Select targeting of intracellular Toll-interleukin-1 receptor resistance domains for protection against influenza-induced disease. *Innate Immunity*, **2020**, 26, 26-34	2.7	4
25	Alternative Virus-Like Particle-Associated Prefusion F Proteins as Maternal Vaccines for Respiratory Syncytial Virus. *Journal of Virology*, **2019**, 93,	6.6	8
24	Serum High-Mobility-Group Box 1 as a Biomarker and a Therapeutic Target during Respiratory Virus Infections. *MBio*, **2018**, 9,	7.8	26
23	Efficacy of a respiratory syncytial virus vaccine candidate in a maternal immunization model. *Nature Communications*, **2018**, 9, 1904	17.4	27
22	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	4.9	86
21	Preclinical assessment of safety of maternal vaccination against respiratory syncytial virus (RSV) in cotton rats. *Vaccine*, **2017**, 35, 3951-3958	4.1	12
20	Immunization with Live Human Rhinovirus (HRV) 16 Induces Protection in Cotton Rats against HRV14 Infection. *Frontiers in Microbiology*, **2017**, 8, 1646	5.7	9
19	Enterovirus D-68 Infection, Prophylaxis, and Vaccination in a Novel Permissive Animal Model, the Cotton Rat (Sigmodon hispidus). *PLoS ONE*, **2016**, 11, e0166336	3.7	19
18	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, 9825-40	6.6	18
17	Maternal transfer of RSV immunity in cotton rats vaccinated during pregnancy. *Vaccine*, **2015**, 33, 5371-5379	4.1	19
16	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	8.5	24

LIST OF PUBLICATIONS

15	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		19
14	Receptor characterization and susceptibility of cotton rats to avian and 2009 pandemic influenza virus strains. *Journal of Virology*, **2013**, 87, 2036-45	6.6	30
13	The TLR4 antagonist Eritoran protects mice from lethal influenza infection. *Nature*, **2013**, 497, 498-502	50.4	310
12	The cotton rat Sigmodon hispidus model of respiratory syncytial virus infection. *Current Topics in Microbiology and Immunology*, **2013**, 372, 347-58	3.3	32
11	The cotton rat model of respiratory viral infections. *Biologicals*, **2009**, 37, 152-9	1.8	83
10	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	4.9	34
9	Association of TLR4 polymorphisms with symptomatic respiratory syncytial virus infection in high-risk infants and young children. *Journal of Immunology*, **2007**, 179, 3171-7	5.3	153
8	Respiratory syncytial virus infects and abortively replicates in the lungs in spite of preexisting immunity. *Journal of Virology*, **2007**, 81, 9443-50	6.6	41
7	Interferon-inducible Mx gene expression in cotton rats: cloning, characterization, and expression during influenza viral infection. *Journal of Interferon and Cytokine Research*, **2006**, 26, 914-21	3.5	34
6	Analysis of TLR4 polymorphic variants: new insights into TLR4/MD-2/CD14 stoichiometry, structure, and signaling. *Journal of Immunology*, **2006**, 177, 322-32	5.3	197
5	The TLR4 agonist, monophosphoryl lipid A, attenuates the cytokine storm associated with respiratory syncytial virus vaccine-enhanced disease. *Vaccine*, **2006**, 24, 5027-35	4.1	81
4	Respiratory syncytial virus (RSV) infection induces cyclooxygenase 2: a potential target for RSV therapy. *Journal of Immunology*, **2005**, 174, 4356-64	5.3	62
3	The cotton rat provides a useful small-animal model for the study of influenza virus pathogenesis. *Journal of General Virology*, **2005**, 86, 2823-2830	4.9	109
2	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, 21-8	3.5	39
1	Cytokine and chemokine gene expression after primary and secondary respiratory syncytial virus infection in cotton rats. *Journal of Infectious Diseases*, **2002**, 185, 1780-5	7	67