

Alicia Solorzano

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

4,208
citations

279701

23
h-index

526166

27
g-index

27
all docs

27
docs citations

27
times ranked

4501
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the Reconstructed 1918 Spanish Influenza Pandemic Virus. <i>Science</i> , 2005, 310, 77-80.	6.0	1,158
2	A Two-Amino Acid Change in the Hemagglutinin of the 1918 Influenza Virus Abolishes Transmission. <i>Science</i> , 2007, 315, 655-659.	6.0	508
3	Pathogenicity of Influenza Viruses with Genes from the 1918 Pandemic Virus: Functional Roles of Alveolar Macrophages and Neutrophils in Limiting Virus Replication and Mortality in Mice. <i>Journal of Virology</i> , 2005, 79, 14933-14944.	1.5	466
4	Mutations in the NS1 Protein of Swine Influenza Virus Impair Anti-Interferon Activity and Confer Attenuation in Pigs. <i>Journal of Virology</i> , 2005, 79, 7535-7543.	1.5	222
5	Live Attenuated Influenza Viruses Containing NS1 Truncations as Vaccine Candidates against H5N1 Highly Pathogenic Avian Influenza. <i>Journal of Virology</i> , 2009, 83, 1742-1753.	1.5	217
6	A chimeric hemagglutinin-based universal influenza virus vaccine approach induces broad and long-lasting immunity in a randomized, placebo-controlled phase I trial. <i>Nature Medicine</i> , 2021, 27, 106-114.	15.2	204
7	Replication fitness determines high virulence of influenza A virus in mice carrying functional Mx1 resistance gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6806-6811.	3.3	178
8	Vaccination of Pigs against Swine Influenza Viruses by Using an NS1-Truncated Modified Live-Virus Vaccine. <i>Journal of Virology</i> , 2006, 80, 11009-11018.	1.5	164
9	Influenza A(H7N9) virus gains neuraminidase inhibitor resistance without loss of in vivo virulence or transmissibility. <i>Nature Communications</i> , 2013, 4, 2854.	5.8	146
10	Single gene reassortants identify a critical role for PB1, HA, and NA in the high virulence of the 1918 pandemic influenza virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3064-3069.	3.3	140
11	A universal influenza virus vaccine candidate confers protection against pandemic H1N1 infection in preclinical ferret studies. <i>Npj Vaccines</i> , 2017, 2, 26.	2.9	113
12	Immunogenicity of chimeric haemagglutinin-based, universal influenza virus vaccine candidates: interim results of a randomised, placebo-controlled, phase 1 clinical trial. <i>Lancet Infectious Diseases</i> , 2020, 20, 80-91.	4.6	103
13	Combinatorial optimization of mRNA structure, stability, and translation for RNA-based therapeutics. <i>Nature Communications</i> , 2022, 13, 1536.	5.8	93
14	Heterologous HA DNA vaccine prime-boost inactivated influenza vaccine boost is more effective than using DNA or inactivated vaccine alone in eliciting antibody responses against H1 or H3 serotype influenza viruses. <i>Vaccine</i> , 2008, 26, 3626-3633.	1.7	85
15	Hemagglutinin (HA) Proteins from H1 and H3 Serotypes of Influenza A Viruses Require Different Antigen Designs for the Induction of Optimal Protective Antibody Responses as Studied by Codon-Optimized HA DNA Vaccines. <i>Journal of Virology</i> , 2006, 80, 11628-11637.	1.5	82
16	Viral reassortment and transmission after co-infection of pigs with classical H1N1 and triple-reassortant H3N2 swine influenza viruses. <i>Journal of General Virology</i> , 2010, 91, 2314-2321.	1.3	51
17	Sequential Immunization With Live-Attenuated Chimeric Hemagglutinin-Based Vaccines Confers Heterosubtypic Immunity Against Influenza A Viruses in a Preclinical Ferret Model. <i>Frontiers in Immunology</i> , 2019, 10, 756.	2.2	48
18	Alternative Live-Attenuated Influenza Vaccines Based on Modifications in the Polymerase Genes Protect against Epidemic and Pandemic Flu. <i>Journal of Virology</i> , 2010, 84, 4587-4596.	1.5	41

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19	Yeast Positive-stranded Virus-like RNA Replicons. <i>Journal of Biological Chemistry</i> , 1998, 273, 20363-20371.	1.6	38
20	Persistent Yeast Single-stranded RNA Viruses Exist in Vivo as Genomic RNA-RNA Polymerase Complexes in 1:1 Stoichiometry. <i>Journal of Biological Chemistry</i> , 2000, 275, 26428-26435.	1.6	32
21	Mutations to PB2 and NP Proteins of an Avian Influenza Virus Combine To Confer Efficient Growth in Primary Human Respiratory Cells. <i>Journal of Virology</i> , 2014, 88, 13436-13446.	1.5	27
22	Cross-Species Infectivity of H3N8 Influenza Virus in an Experimental Infection in Swine. <i>Journal of Virology</i> , 2015, 89, 11190-11202.	1.5	24
23	An avian live attenuated master backbone for potential use in epidemic and pandemic influenza vaccines. <i>Journal of General Virology</i> , 2008, 89, 2682-2690.	1.3	23
24	Native Replication Intermediates of the Yeast 20 S RNA Virus Have a Single-stranded RNA Backbone. <i>Journal of Biological Chemistry</i> , 2005, 280, 7398-7406.	1.6	19
25	Chimeric Hemagglutinin-Based Live-Attenuated Vaccines Confer Durable Protective Immunity against Influenza A Viruses in a Preclinical Ferret Model. <i>Vaccines</i> , 2021, 9, 40.	2.1	14
26	Reactogenicity, safety, and immunogenicity of chimeric haemagglutinin influenza split-virion vaccines, adjuvanted with AS01 or AS03 or non-adjuvanted: a phase 1² randomised controlled trial. <i>Lancet Infectious Diseases</i> , 2022, 22, 1062-1075.	4.6	10
27	Expression Dynamics of Innate Immunity in Influenza Virus-Infected Swine. <i>Frontiers in Veterinary Science</i> , 2017, 4, 48.	0.9	2