

Ana Fernandez-Sesma

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

3,254
citations

32
h-index

54
g-index

54
ext. papers

3,756
ext. citations

10.2
avg, IF

4.98
L-index

#	Paper	IF	Citations
52	Influenza virus evades innate and adaptive immunity via the NS1 protein. <i>Journal of Virology</i> , 2006 , 80, 6295-304	6.6	230
51	The E3-ligase TRIM family of proteins regulates signaling pathways triggered by innate immune pattern-recognition receptors. <i>Immunity</i> , 2013 , 38, 384-98	32.3	223
50	SAMHD1-deficient CD14+ cells from individuals with Aicardi-Goutières syndrome are highly susceptible to HIV-1 infection. <i>PLoS Pathogens</i> , 2011 , 7, e1002425	7.6	194
49	The influenza virus protein PB1-F2 inhibits the induction of type I interferon at the level of the MAVS adaptor protein. <i>PLoS Pathogens</i> , 2011 , 7, e1002067	7.6	167
48	Defining Hsp70 Subnetworks in Dengue Virus Replication Reveals Key Vulnerability in Flavivirus Infection. <i>Cell</i> , 2015 , 163, 1108-1123	56.2	166
47	Dengue virus co-opts UBR4 to degrade STAT2 and antagonize type I interferon signaling. <i>PLoS Pathogens</i> , 2013 , 9, e1003265	7.6	153
46	Mouse STAT2 restricts early dengue virus replication. <i>Cell Host and Microbe</i> , 2010 , 8, 410-21	23.4	133
45	Inhibition of the type I interferon response in human dendritic cells by dengue virus infection requires a catalytically active NS2B3 complex. <i>Journal of Virology</i> , 2010 , 84, 9760-74	6.6	110
44	Dengue virus inhibits the production of type I interferon in primary human dendritic cells. <i>Journal of Virology</i> , 2010 , 84, 4845-50	6.6	106
43	Protection against respiratory syncytial virus by a recombinant Newcastle disease virus vector. <i>Journal of Virology</i> , 2006 , 80, 1130-9	6.6	101
42	Innate immunity evasion by Dengue virus. <i>Viruses</i> , 2012 , 4, 397-413	6.2	99
41	Unanchored K48-linked polyubiquitin synthesized by the E3-ubiquitin ligase TRIM6 stimulates the interferon-IKK kinase-mediated antiviral response. <i>Immunity</i> , 2014 , 40, 880-95	32.3	97
40	Targeting Viral Proteostasis Limits Influenza Virus, HIV, and Dengue Virus Infection. <i>Immunity</i> , 2016 , 44, 46-58	32.3	81
39	The NS1 protein of a human influenza virus inhibits type I interferon production and the induction of antiviral responses in primary human dendritic and respiratory epithelial cells. <i>Journal of Virology</i> , 2009 , 83, 6849-62	6.6	80
38	BIRC2/cIAP1 Is a Negative Regulator of HIV-1 Transcription and Can Be Targeted by Smac Mimetics to Promote Reversal of Viral Latency. <i>Cell Host and Microbe</i> , 2015 , 18, 345-53	23.4	78
37	Modulating the Innate Immune Response to Influenza A Virus: Potential Therapeutic Use of Anti-Inflammatory Drugs. <i>Frontiers in Immunology</i> , 2015 , 6, 361	8.4	76
36	Synthetic Toll-like receptor 4 (TLR4) and TLR7 ligands as influenza virus vaccine adjuvants induce rapid, sustained, and broadly protective responses. <i>Journal of Virology</i> , 2015 , 89, 3221-35	6.6	73

35	The DBA.2 mouse is susceptible to disease following infection with a broad, but limited, range of influenza A and B viruses. <i>Journal of Virology</i> , 2011 , 85, 12825-9	6.6	65
34	Innate immune sensing of flaviviruses. <i>PLoS Pathogens</i> , 2013 , 9, e1003541	7.6	62
33	Interferon-beta pretreatment of conventional and plasmacytoid human dendritic cells enhances their activation by influenza virus. <i>PLoS Pathogens</i> , 2008 , 4, e1000193	7.6	59
32	Message in a bottle: lessons learned from antagonism of STING signalling during RNA virus infection. <i>Cytokine and Growth Factor Reviews</i> , 2014 , 25, 669-79	17.9	57
31	The burden of dengue and chikungunya worldwide: implications for the southern United States and California. <i>Annals of Global Health</i> , 2014 , 80, 466-75	3.3	55
30	A prospective, comparative study of the immune response to inactivated influenza vaccine in pediatric liver transplant recipients and their healthy siblings. <i>Clinical Infectious Diseases</i> , 2008 , 46, 712-8 ^{11.6}		54
29	Mutational analysis of the influenza virus vRNA promoter. <i>Virus Research</i> , 1993 , 28, 99-112	6.4	54
28	Human monoclonal antibodies to pandemic 1957 H2N2 and pandemic 1968 H3N2 influenza viruses. <i>Journal of Virology</i> , 2012 , 86, 6334-40	6.6	53
27	Herpes simplex virus 2 (HSV-2) prevents dendritic cell maturation, induces apoptosis, and triggers release of proinflammatory cytokines: potential links to HSV-HIV synergy. <i>Journal of Virology</i> , 2013 , 87, 1443-53	6.6	52
26	Chromosome-specific and noisy IFNB1 transcription in individual virus-infected human primary dendritic cells. <i>Nucleic Acids Research</i> , 2007 , 35, 5232-41	20.1	52
25	Effects of receptor binding specificity of avian influenza virus on the human innate immune response. <i>Journal of Virology</i> , 2011 , 85, 4421-31	6.6	48
24	Cofactors required for TLR7- and TLR9-dependent innate immune responses. <i>Cell Host and Microbe</i> , 2012 , 11, 306-18	23.4	38
23	Attenuation and immunogenicity in mice of temperature-sensitive influenza viruses expressing truncated NS1 proteins. <i>Journal of General Virology</i> , 2005 , 86, 2817-2821	4.9	38
22	A mouse model for immunization with ex vivo virus-infected dendritic cells. <i>Cellular Immunology</i> , 2000 , 206, 107-15	4.4	38
21	HIV-1 interacts with human endogenous retrovirus K (HML-2) envelopes derived from human primary lymphocytes. <i>Journal of Virology</i> , 2014 , 88, 6213-23	6.6	35
20	Senataxin suppresses the antiviral transcriptional response and controls viral biogenesis. <i>Nature Immunology</i> , 2015 , 16, 485-94	19.1	31
19	Humoral and cell-mediated immune responses to monovalent 2009 influenza A/H1N1 and seasonal trivalent influenza vaccines in high-risk children. <i>Journal of Pediatrics</i> , 2012 , 160, 74-81	3.6	31
18	Innate immunity to H5N1 influenza viruses in humans. <i>Viruses</i> , 2012 , 4, 3363-88	6.2	31

17	IL-15 regulates susceptibility of CD4 T cells to HIV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E9659-E9667	11.5	29
16	Cell receptors for influenza A viruses and the innate immune response. <i>Frontiers in Microbiology</i> , 2012 , 3, 117	5.7	28
15	Evasion of the human innate immune system by dengue virus. <i>Immunologic Research</i> , 2012 , 54, 152-9	4.3	27
14	HIV Vpu Interferes with NF- κ B Activity but Not with Interferon Regulatory Factor 3. <i>Journal of Virology</i> , 2015 , 89, 9781-90	6.6	24
13	Serological detection of West Nile virus in horses and chicken from Pantanal, Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012 , 107, 1073-5	2.6	22
12	Myeloid dendritic cells stimulate both Th1 and Th2 immune responses depending on the nature of the antigen. <i>Journal of Interferon and Cytokine Research</i> , 2001 , 21, 763-73	3.5	20
11	Tumor suppressor cylindromatosis (CYLD) controls HIV transcription in an NF- κ B-dependent manner. <i>Journal of Virology</i> , 2014 , 88, 7528-40	6.6	19
10	Chikungunya virus antagonizes cGAS-STING mediated type-I interferon responses by degrading cGAS. <i>PLoS Pathogens</i> , 2020 , 16, e1008999	7.6	14
9	Positive regulation of TRAF6-dependent innate immune responses by protein phosphatase PP1- β . <i>PLoS ONE</i> , 2014 , 9, e89284	3.7	12
8	Recombinant influenza A viruses with enhanced levels of PB1 and PA viral protein expression. <i>Journal of Virology</i> , 2012 , 86, 5926-30	6.6	10
7	Hemagglutinin Receptor Binding of a Human Isolate of Influenza A(H10N8) Virus. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1197-201	10.2	8
6	I κ m pathway-specific immune assays reveal NF- κ B stimulation by viral RNA PAMPs in <i>Aedes aegypti</i> Aag2 cells. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0008524	4.8	8
5	Differential Modulation of Innate Immune Responses in Human Primary Cells by Influenza A Viruses Carrying Human or Avian Nonstructural Protein 1. <i>Journal of Virology</i> , 2019 , 94,	6.6	7
4	An -Derived Ago2 Knockout Cell Line to Investigate Arbovirus Infections. <i>Viruses</i> , 2021 , 13,	6.2	4
3	Finding Clues for Congenital Zika Syndrome: Zika Virus Selective Infection of Immature Neurons. <i>EBioMedicine</i> , 2016 , 10, 7-8	8.8	2
2	Zika Virus: More Questions Than Answers. <i>EBioMedicine</i> , 2016 , 5, 2-3	8.8	
1	Generation and Characterization of Human-Mouse STING Chimeras That Allow DENV Replication in Mouse Cells.. <i>MSphere</i> , 2022 , e0091421	5	