

Ana Fernandez-Sesma

List of Publications by Year in descending order

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53
papers

4,088
citations

101384

36
h-index

189595

50
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54
all docs

54
docs citations

54
times ranked

6866
citing authors

#	ARTICLE	IF	CITATIONS
1	The E3-Ligase TRIM Family of Proteins Regulates Signaling Pathways Triggered by Innate Immune Pattern-Recognition Receptors. <i>Immunity</i> , 2013, 38, 384-398.	6.6	268
2	Influenza Virus Evades Innate and Adaptive Immunity via the NS1 Protein. <i>Journal of Virology</i> , 2006, 80, 6295-6304.	1.5	260
3	Defining Hsp70 Subnetworks in Dengue Virus Replication Reveals Key Vulnerability in Flavivirus Infection. <i>Cell</i> , 2015, 163, 1108-1123.	13.5	250
4	SAMHD1-Deficient CD14+ Cells from Individuals with Aicardi-Goutières Syndrome Are Highly Susceptible to HIV-1 Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002425.	2.1	225
5	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.	2.1	206
6	Dengue Virus Co-opts UBR4 to Degrade STAT2 and Antagonize Type I Interferon Signaling. <i>PLoS Pathogens</i> , 2013, 9, e1003265.	2.1	188
7	Mouse STAT2 Restricts Early Dengue Virus Replication. <i>Cell Host and Microbe</i> , 2010, 8, 410-421.	5.1	156
8	Unanchored K48-Linked Polyubiquitin Synthesized by the E3-Ubiquitin Ligase TRIM6 Stimulates the Interferon-IKK μ Kinase-Mediated Antiviral Response. <i>Immunity</i> , 2014, 40, 880-895.	6.6	135
9	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, 9760-9774.	1.5	130
10	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, 345-353.	5.1	124
11	Dengue Virus Inhibits the Production of Type I Interferon in Primary Human Dendritic Cells. <i>Journal of Virology</i> , 2010, 84, 4845-4850.	1.5	122
12	Innate Immunity Evasion by Dengue Virus. <i>Viruses</i> , 2012, 4, 397-413.	1.5	120
13	Protection against Respiratory Syncytial Virus by a Recombinant Newcastle Disease Virus Vector. <i>Journal of Virology</i> , 2006, 80, 1130-1139.	1.5	113
14	Targeting Viral Proteostasis Limits Influenza Virus, HIV, and Dengue Virus Infection. <i>Immunity</i> , 2016, 44, 46-58.	6.6	110
15	Modulating the Innate Immune Response to Influenza A Virus: Potential Therapeutic Use of Anti-Inflammatory Drugs. <i>Frontiers in Immunology</i> , 2015, 6, 361.	2.2	95
16	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, 6849-6862.	1.5	94
17	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, 3221-3235.	1.5	92
18	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, 12825-12829.	1.5	82

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19	Message in a bottle: lessons learned from antagonism of STING signalling during RNA virus infection. <i>Cytokine and Growth Factor Reviews</i> , 2014, 25, 669-679.	3.2	81
20	Mutational analysis of the influenza virus vRNA promoter. <i>Virus Research</i> , 1993, 28, 99-112.	1.1	78
21	Innate Immune Sensing of Flaviviruses. <i>PLoS Pathogens</i> , 2013, 9, e1003541.	2.1	77
22	The Burden of Dengue and Chikungunya Worldwide: Implications for the Southern United States and California. <i>Annals of Global Health</i> , 2018, 80, 466.	0.8	70
23	Interferon- β Pretreatment of Conventional and Plasmacytoid Human Dendritic Cells Enhances Their Activation by Influenza Virus. <i>PLoS Pathogens</i> , 2008, 4, e1000193.	2.1	67
24	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, 1443-1453.	1.5	62
25	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, 712-718.	2.9	60
26	Chromosome-specific and noisy IFNB1 transcription in individual virus-infected human primary dendritic cells. <i>Nucleic Acids Research</i> , 2007, 35, 5232-5241.	6.5	57
27	Effects of Receptor Binding Specificity of Avian Influenza Virus on the Human Innate Immune Response. <i>Journal of Virology</i> , 2011, 85, 4421-4431.	1.5	57
28	Human Monoclonal Antibodies to Pandemic 1957 H2N2 and Pandemic 1968 H3N2 Influenza Viruses. <i>Journal of Virology</i> , 2012, 86, 6334-6340.	1.5	57
29	Senataxin suppresses the antiviral transcriptional response and controls viral biogenesis. <i>Nature Immunology</i> , 2015, 16, 485-494.	7.0	50
30	Chikungunya virus antagonizes cGAS-STING mediated type-I interferon responses by degrading cGAS. <i>PLoS Pathogens</i> , 2020, 16, e1008999.	2.1	50
31	Attenuation and immunogenicity in mice of temperature-sensitive influenza viruses expressing truncated NS1 proteins. <i>Journal of General Virology</i> , 2005, 86, 2817-2821.	1.3	43
32	HIV-1 Interacts with Human Endogenous Retrovirus K (HML-2) Envelopes Derived from Human Primary Lymphocytes. <i>Journal of Virology</i> , 2014, 88, 6213-6223.	1.5	43
33	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.	3.3	43
34	A Mouse Model for Immunization with Ex Vivo Virus-Infected Dendritic Cells. <i>Cellular Immunology</i> , 2000, 206, 107-115.	1.4	40
35	Cofactors Required for TLR7- and TLR9-Dependent Innate Immune Responses. <i>Cell Host and Microbe</i> , 2012, 11, 306-318.	5.1	40
36	Innate Immunity to H5N1 Influenza Viruses in Humans. <i>Viruses</i> , 2012, 4, 3363-3388.	1.5	39

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37	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.	0.9	38
38	Cell Receptors for Influenza a Viruses and the Innate Immune Response. <i>Frontiers in Microbiology</i> , 2012, 3, 117.	1.5	34
39	Evasion of the human innate immune system by dengue virus. <i>Immunologic Research</i> , 2012, 54, 152-159.	1.3	32
40	HIV Vpu Interferes with NF- κ B Activity but Not with Interferon Regulatory Factor 3. <i>Journal of Virology</i> , 2015, 89, 9781-9790.	1.5	29
41	Serological detection of West Nile virus in horses and chicken from Pantanal, Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 1073-1075.	0.8	28
42	lmd 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.	1.3	28
43	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, 763-773.	0.5	24
44	Tumor Suppressor Cyldromatosis (CYLD) Controls HIV Transcription in an NF- κ B-Dependent Manner. <i>Journal of Virology</i> , 2014, 88, 7528-7540.	1.5	24
45	Recombinant Influenza A Viruses with Enhanced Levels of PB1 and PA Viral Protein Expression. <i>Journal of Virology</i> , 2012, 86, 5926-5930.	1.5	14
46	Positive Regulation of TRAF6-Dependent Innate Immune Responses by Protein Phosphatase PP1- $\hat{3}$. <i>PLoS ONE</i> , 2014, 9, e89284.	1.1	13
47	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, .	1.5	12
48	Hemagglutinin Receptor Binding of a Human Isolate of Influenza A(H10N8) Virus. <i>Emerging Infectious Diseases</i> , 2015, 21, 1197-1201.	2.0	10
49	An <i>Aedes aegypti</i> -Derived Ago2 Knockout Cell Line to Investigate Arbovirus Infections. <i>Viruses</i> , 2021, 13, 1066.	1.5	10
50	Finding Clues for Congenital Zika Syndrome: Zika Virus Selective Infection of Immature Neurons. <i>EBioMedicine</i> , 2016, 10, 7-8.	2.7	3
51	Generation and Characterization of Human-Mouse STING Chimeras That Allow DENV Replication in Mouse Cells. <i>MSphere</i> , 2022, , e0091421.	1.3	1
52	Zika Virus: More Questions Than Answers. <i>EBioMedicine</i> , 2016, 5, 2-3.	2.7	0
53	mSphere of Influence: the View from the Microbiologists of the Future. <i>MSphere</i> , 2019, 4, .	1.3	0