Carolina B LÃ³pez

List of Publications by Year
in descending order

62 papers	3,946 citations	117625 34 h-index	128289 60 g-index
71 all docs	71 docs citations	71 times ranked	5394 citing authors

#	Article	IF	Citations
1	Harnessing defective viruses to fight infections. Med, 2022, 3, 1-2.	4.4	1
2	A Virus Is a Community: Diversity within Negative-Sense RNA Virus Populations. Microbiology and Molecular Biology Reviews, 2022, 86, .	6.6	8
3	Fibroblast growth factor-9 expression in airway epithelial cells amplifies the type I interferon response and alters influenza A virus pathogenesis. PLoS Pathogens, 2022, 18, e1010228.	4.7	5
4	Detection of respiratory syncytial virus defective genomes in nasal secretions is associated with distinct clinical outcomes. Nature Microbiology, 2021, 6, 672-681.	13.3	35
5	Distinct Chronic Post-Viral Lung Diseases upon Infection with Influenza or Parainfluenza Viruses Differentially Impact Superinfection Outcome. American Journal of Pathology, 2020, 190, 543-553.	3.8	24
6	The Viral Polymerase Complex Mediates the Interaction of Viral Ribonucleoprotein Complexes with Recycling Endosomes during Sendai Virus Assembly. MBio, 2020, 11, .	4.1	10
7	Influenza Virus Z-RNAs Induce ZBP1-Mediated Necroptosis. Cell, 2020, 180, 1115-1129.e13.	28.9	288
8	Circadian control of lung inflammation in influenza infection. Nature Communications, 2019, 10, 4107.	12.8	106
9	Defective viral genomes are key drivers of the virusâ€"host interaction. Nature Microbiology, 2019, 4, 1075-1087.	13.3	229
10	The Impact of Defective Viruses on Infection and Immunity. Annual Review of Virology, 2019, 6, 547-566.	6.7	50
11	A specific sequence in the genome of respiratory syncytial virus regulates the generation of copy-back defective viral genomes. PLoS Pathogens, 2019, 15, e1007707.	4.7	33
12	Unexpected lessons from the neglected: How defective viral genomes became important again. PLoS Pathogens, 2019, 15, e1007450.	4.7	4
13	Defective Viral Genomes Alter How Sendai Virus Interacts with Cellular Trafficking Machinery, Leading to Heterogeneity in the Production of Viral Particles among Infected Cells. Journal of Virology, 2019, 93, .	3.4	26
14	Defective (interfering)Âviral genomes re-explored: impact on antiviral immunity and virus persistence. Future Virology, 2018, 13, 493-503.	1.8	67
15	Virus-derived immunostimulatory RNA induces type I IFN-dependent antibodies and T-cell responses during vaccination. Vaccine, 2018, 36, 4039-4045.	3.8	17
16	Replication defective viral genomes exploit a cellular pro-survival mechanism to establish paramyxovirus persistence. Nature Communications, 2017, 8, 799.	12.8	58
17	Human Genetic Determinants of Viral Diseases. Annual Review of Genetics, 2017, 51, 241-263.	7.6	117
18	The innate immune response to RSV: Advances in our understanding of critical viral and host factors. Vaccine, 2017, 35, 481-488.	3.8	54

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19	IL-27 Limits Type 2 Immunopathology Following Parainfluenza Virus Infection. PLoS Pathogens, 2017, 13, e1006173.	4.7	21
20	Preparation of Respiratory Syncytial Virus with High or Low Content of Defective Viral Particles and Their Purification from Viral Stocks. Bio-protocol, 2016, 6, .	0.4	19
21	Propagation and Characterization of Influenza Virus Stocks That Lack High Levels of Defective Viral Genomes and Hemagglutinin Mutations. Frontiers in Microbiology, 2016, 7, 326.	3.5	55
22	lncRHOXF1, a Long Noncoding RNA from the X Chromosome That Suppresses Viral Response Genes during Development of the Early Human Placenta. Molecular and Cellular Biology, 2016, 36, 1764-1775.	2.3	24
23	RIPK3 Activates Parallel Pathways of MLKL-Driven Necroptosis and FADD-Mediated Apoptosis to Protect against Influenza A Virus. Cell Host and Microbe, 2016, 20, 13-24.	11.0	299
24	Activity of Uncleaved Caspase-8 Controls Anti-bacterial Immune Defense and TLR-Induced Cytokine Production Independent of Cell Death. PLoS Pathogens, 2016, 12, e1005910.	4.7	74
25	Respiratory Syncytial Virus Infection in Mice and Detection of Viral Genomes in the Lung Using RT-qPCR. Bio-protocol, 2016, 6, .	0.4	4
26	Immunostimulatory Defective Viral Genomes from Respiratory Syncytial Virus Promote a Strong Innate Antiviral Response during Infection in Mice and Humans. PLoS Pathogens, 2015, 11, e1005122.	4.7	119
27	InÂVivo RNAi Screening Identifies MDA5 as a Significant Contributor to the Cellular Defense against Influenza A Virus. Cell Reports, 2015, 11, 1714-1726.	6.4	75
28	Identification of a Natural Viral RNA Motif That Optimizes Sensing of Viral RNA by RIG-I. MBio, 2015, 6, e01265-15.	4.1	48
29	Deficiency of Melanoma Differentiationâ€"associated Protein 5 Results in Exacerbated Chronic Postviral Lung Inflammation. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 437-448.	5.6	18
30	Defective Viral Genomes: Critical Danger Signals of Viral Infections. Journal of Virology, 2014, 88, 8720-8723.	3.4	55
31	Highly immunostimulatory RNA derived from a Sendai virus defective viral genome. Vaccine, 2013, 31, 5713-5721.	3.8	54
32	Defective Viral Genomes Arising In Vivo Provide Critical Danger Signals for the Triggering of Lung Antiviral Immunity. PLoS Pathogens, 2013, 9, e1003703.	4.7	131
33	Granulocyte Colony-Stimulating Factor Protects Mice during Respiratory Virus Infections. PLoS ONE, 2012, 7, e37334.	2.5	20
34	Ebolavirus VP35 suppresses IFN production from conventional but not plasmacytoid dendritic cells. Immunology and Cell Biology, 2011, 89, 792-802.	2.3	42
35	Systemic responses during local viral infections: type I IFNs sound the alarm. Current Opinion in Immunology, 2011, 23, 495-499.	5.5	30
36	The Virion Host Shutoff Protein of Herpes Simplex Virus 1 Blocks the Replication-Independent Activation of NF-ÎºB in Dendritic Cells in the Absence of Type I Interferon Signaling. Journal of Virology, 2011, 85, 12662-12672.	3.4	49

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37	Virus Budding/Host Interactions. Advances in Virology, 2011, 2011, 1-2.	1.1	5
38	Proapoptotic and Antiapoptotic Actions of Stat1 versus Stat3 Underlie Neuroprotective and Immunoregulatory Functions of IL-11. Journal of Immunology, 2011, 187, 1129-1141.	0.8	34
39	Role of Cell-to-Cell Variability in Activating a Positive Feedback Antiviral Response in Human Dendritic Cells. PLoS ONE, 2011, 6, e16614.	2.5	32
40	Palmitoylome profiling reveals S-palmitoylationâ€"dependent antiviral activity of IFITM3. Nature Chemical Biology, 2010, 6, 610-614.	8.0	314
41	The Virion Host Shut-Off (vhs) Protein Blocks a TLR-Independent Pathway of Herpes Simplex Virus Type 1 Recognition in Human and Mouse Dendritic Cells. PLoS ONE, 2010, 5, e8684.	2.5	36
42	Buying Timeâ€"The Immune System Determinants of the Incubation Period to Respiratory Viruses. Viruses, 2010, 2, 2541-2558.	3.3	26
43	Antiviral Instruction of Bone Marrow Leukocytes during Respiratory Viral Infections. Cell Host and Microbe, 2010, 7, 343-353.	11.0	66
44	IL-11 Regulates Autoimmune Demyelination. Journal of Immunology, 2009, 183, 4229-4240.	0.8	69
45	Cutting Edge: Stealth Influenza Virus Replication Precedes the Initiation of Adaptive Immunity. Journal of Immunology, 2009, 183, 3569-3573.	0.8	88
46	Host Immune Response to Influenza Virus. , 2009, , 131-156.		0
47	MDA5 Participates in the Detection of Paramyxovirus Infection and Is Essential for the Early Activation of Dendritic Cells in Response to Sendai Virus Defective Interfering Particles. Journal of Immunology, 2008, 180, 4910-4918.	0.8	105
48	Estrogen inhibits dendritic cell maturation to RNA viruses. Blood, 2008, 112, 4574-4584.	1.4	56
49	Cytokine-Independent Upregulation of MDA5 in Viral Infection. Journal of Virology, 2007, 81, 7316-7319.	3.4	45
50	Toll-Like Receptor-Independent Triggering of Dendritic Cell Maturation by Viruses. Journal of Virology, 2006, 80, 3128-3134.	3.4	28
51	Sendai Virus Infection Induces Efficient Adaptive Immunity Independently of Type I Interferons. Journal of Virology, 2006, 80, 4538-4545.	3.4	32
52	A Novel Role for Viral-Defective Interfering Particles in Enhancing Dendritic Cell Maturation. Journal of Immunology, 2006, 177, 4503-4513.	0.8	101
53	Intensified and protective CD4+ T cell immunity in mice with antiâ€"dendritic cell HIV gag fusion antibody vaccine. Journal of Experimental Medicine, 2006, 203, 607-617.	8.5	206
54	TLR-Independent Induction of Dendritic Cell Maturation and Adaptive Immunity by Negative-Strand RNA Viruses. Journal of Immunology, 2004, 173, 6882-6889.	0.8	131

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55	Characterization and Distribution of Colonic Dendritic Cells in Crohnâ€™s Disease. Inflammatory Bowel Diseases, 2004, 10, 504-512.	1.9	36
56	Type I Interferon Induction Pathway, but Not Released Interferon, Participates in the Maturation of Dendritic Cells Induced by Negativeâ€Strand RNA Viruses. Journal of Infectious Diseases, 2003, 187, 1126-1136.	4.0	98
57	ANTIVIRAL IMMUNITY AND THE ROLE OF DENDRITIC CELLS. International Reviews of Immunology, 2002, 21, 339-353.	3.3	15
58	Myeloid Dendritic Cells Stimulate Both Th1 and Th2 Immune Responses Depending on the Nature of the Antigen. Journal of Interferon and Cytokine Research, 2001, 21, 763-773.	1.2	24
59	A Mouse Model for Immunization with Ex Vivo Virus-Infected Dendritic Cells. Cellular Immunology, 2000, 206, 107-115.	3.0	40
60	Repression of Interleukin-2 mRNA Translation in Primary Human Breast Carcinoma Tumor-Infiltrating Lymphocytes. Cellular Immunology, 1998, 190, 141-155.	3.0	33
61	CD8+ T Cells Are the Effectors of the Contact Dermatitis Induced by Urushiol in Mice and Are Regulated by CD4+ T Cells. International Archives of Allergy and Immunology, 1998, 117, 194-201.	2.1	26
62	Modulation of Fatty Acid Oxidation Alters Contact Hypersensitivity to Urushiols: Role of Aliphatic Chain Î²-Oxidation in Processing and Activation of Urushiols. Journal of Investigative Dermatology, 1997, 108, 57-61.	0.7	25