

# Carolina B LÃ³pez

## List of Publications by Year in descending order

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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	Palmitoylome profiling reveals S-palmitoylationâ€‘dependent antiviral activity of IFITM3. <i>Nature Chemical Biology</i> , 2010, 6, 610-614.	8.0	314
2	RIPK3 Activates Parallel Pathways of MLKL-Driven Necroptosis and FADD-Mediated Apoptosis to Protect against Influenza A Virus. <i>Cell Host and Microbe</i> , 2016, 20, 13-24.	11.0	299
3	Influenza Virus Z-RNAs Induce ZBP1-Mediated Necroptosis. <i>Cell</i> , 2020, 180, 1115-1129.e13.	28.9	288
4	Defective viral genomes are key drivers of the virusâ€‘host interaction. <i>Nature Microbiology</i> , 2019, 4, 1075-1087.	13.3	229
5	Intensified and protective CD4+ T cell immunity in mice with antiâ€‘dendritic cell HIV gag fusion antibody vaccine. <i>Journal of Experimental Medicine</i> , 2006, 203, 607-617.	8.5	206
6	TLR-Independent Induction of Dendritic Cell Maturation and Adaptive Immunity by Negative-Strand RNA Viruses. <i>Journal of Immunology</i> , 2004, 173, 6882-6889.	0.8	131
7	Defective Viral Genomes Arising In Vivo Provide Critical Danger Signals for the Triggering of Lung Antiviral Immunity. <i>PLoS Pathogens</i> , 2013, 9, e1003703.	4.7	131
8	Immunostimulatory Defective Viral Genomes from Respiratory Syncytial Virus Promote a Strong Innate Antiviral Response during Infection in Mice and Humans. <i>PLoS Pathogens</i> , 2015, 11, e1005122.	4.7	119
9	Human Genetic Determinants of Viral Diseases. <i>Annual Review of Genetics</i> , 2017, 51, 241-263.	7.6	117
10	Circadian control of lung inflammation in influenza infection. <i>Nature Communications</i> , 2019, 10, 4107.	12.8	106
11	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. <i>Journal of Immunology</i> , 2008, 180, 4910-4918.	0.8	105
12	A Novel Role for Viral-Defective Interfering Particles in Enhancing Dendritic Cell Maturation. <i>Journal of Immunology</i> , 2006, 177, 4503-4513.	0.8	101
13	Type I Interferon Induction Pathway, but Not Released Interferon, Participates in the Maturation of Dendritic Cells Induced by Negativeâ€‘strand RNA Viruses. <i>Journal of Infectious Diseases</i> , 2003, 187, 1126-1136.	4.0	98
14	Cutting Edge: Stealth Influenza Virus Replication Precedes the Initiation of Adaptive Immunity. <i>Journal of Immunology</i> , 2009, 183, 3569-3573.	0.8	88
15	Inâ€‘Vivo RNAi Screening Identifies MDA5 as a Significant Contributor to the Cellular Defense against Influenza A Virus. <i>Cell Reports</i> , 2015, 11, 1714-1726.	6.4	75
16	Activity of Uncleaved Caspase-8 Controls Anti-bacterial Immune Defense and TLR-Induced Cytokine Production Independent of Cell Death. <i>PLoS Pathogens</i> , 2016, 12, e1005910.	4.7	74
17	IL-11 Regulates Autoimmune Demyelination. <i>Journal of Immunology</i> , 2009, 183, 4229-4240.	0.8	69
18	Defective (interfering)â€‘viral genomes re-explored: impact on antiviral immunity and virus persistence. <i>Future Virology</i> , 2018, 13, 493-503.	1.8	67

#	ARTICLE	IF	CITATIONS
19	Antiviral Instruction of Bone Marrow Leukocytes during Respiratory Viral Infections. <i>Cell Host and Microbe</i> , 2010, 7, 343-353.	11.0	66
20	Replication defective viral genomes exploit a cellular pro-survival mechanism to establish paramyxovirus persistence. <i>Nature Communications</i> , 2017, 8, 799.	12.8	58
21	Estrogen inhibits dendritic cell maturation to RNA viruses. <i>Blood</i> , 2008, 112, 4574-4584.	1.4	56
22	Defective Viral Genomes: Critical Danger Signals of Viral Infections. <i>Journal of Virology</i> , 2014, 88, 8720-8723.	3.4	55
23	Propagation and Characterization of Influenza Virus Stocks That Lack High Levels of Defective Viral Genomes and Hemagglutinin Mutations. <i>Frontiers in Microbiology</i> , 2016, 7, 326.	3.5	55
24	Highly immunostimulatory RNA derived from a Sendai virus defective viral genome. <i>Vaccine</i> , 2013, 31, 5713-5721.	3.8	54
25	The innate immune response to RSV: Advances in our understanding of critical viral and host factors. <i>Vaccine</i> , 2017, 35, 481-488.	3.8	54
26	The Impact of Defective Viruses on Infection and Immunity. <i>Annual Review of Virology</i> , 2019, 6, 547-566.	6.7	50
27	The Virion Host Shutoff Protein of Herpes Simplex Virus 1 Blocks the Replication-Independent Activation of NF- $\kappa$ B in Dendritic Cells in the Absence of Type I Interferon Signaling. <i>Journal of Virology</i> , 2011, 85, 12662-12672.	3.4	49
28	Identification of a Natural Viral RNA Motif That Optimizes Sensing of Viral RNA by RIG-I. <i>MBio</i> , 2015, 6, e01265-15.	4.1	48
29	Cytokine-Independent Upregulation of MDA5 in Viral Infection. <i>Journal of Virology</i> , 2007, 81, 7316-7319.	3.4	45
30	Ebolavirus VP35 suppresses IFN production from conventional but not plasmacytoid dendritic cells. <i>Immunology and Cell Biology</i> , 2011, 89, 792-802.	2.3	42
31	A Mouse Model for Immunization with Ex Vivo Virus-Infected Dendritic Cells. <i>Cellular Immunology</i> , 2000, 206, 107-115.	3.0	40
32	Characterization and Distribution of Colonic Dendritic Cells in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2004, 10, 504-512.	1.9	36
33	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. <i>PLoS ONE</i> , 2010, 5, e8684.	2.5	36
34	Detection of respiratory syncytial virus defective genomes in nasal secretions is associated with distinct clinical outcomes. <i>Nature Microbiology</i> , 2021, 6, 672-681.	13.3	35
35	Proapoptotic and Antiapoptotic Actions of Stat1 versus Stat3 Underlie Neuroprotective and Immunoregulatory Functions of IL-11. <i>Journal of Immunology</i> , 2011, 187, 1129-1141.	0.8	34
36	Repression of Interleukin-2 mRNA Translation in Primary Human Breast Carcinoma Tumor-Infiltrating Lymphocytes. <i>Cellular Immunology</i> , 1998, 190, 141-155.	3.0	33

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37	A specific sequence in the genome of respiratory syncytial virus regulates the generation of copy-back defective viral genomes. <i>PLoS Pathogens</i> , 2019, 15, e1007707.	4.7	33
38	Sendai Virus Infection Induces Efficient Adaptive Immunity Independently of Type I Interferons. <i>Journal of Virology</i> , 2006, 80, 4538-4545.	3.4	32
39	Role of Cell-to-Cell Variability in Activating a Positive Feedback Antiviral Response in Human Dendritic Cells. <i>PLoS ONE</i> , 2011, 6, e16614.	2.5	32
40	Systemic responses during local viral infections: type I IFNs sound the alarm. <i>Current Opinion in Immunology</i> , 2011, 23, 495-499.	5.5	30
41	Toll-Like Receptor-Independent Triggering of Dendritic Cell Maturation by Viruses. <i>Journal of Virology</i> , 2006, 80, 3128-3134.	3.4	28
42	CD8+ T Cells Are the Effectors of the Contact Dermatitis Induced by Urushiol in Mice and Are Regulated by CD4+ T Cells. <i>International Archives of Allergy and Immunology</i> , 1998, 117, 194-201.	2.1	26
43	Buying Timeâ€”The Immune System Determinants of the Incubation Period to Respiratory Viruses. <i>Viruses</i> , 2010, 2, 2541-2558.	3.3	26
44	Defective Viral Genomes Alter How Sendai Virus Interacts with Cellular Trafficking Machinery, Leading to Heterogeneity in the Production of Viral Particles among Infected Cells. <i>Journal of Virology</i> , 2019, 93, .	3.4	26
45	Modulation of Fatty Acid Oxidation Alters Contact Hypersensitivity to Urushiols: Role of Aliphatic Chain $\beta$ -Oxidation in Processing and Activation of Urushiols. <i>Journal of Investigative Dermatology</i> , 1997, 108, 57-61.	0.7	25
46	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.	1.2	24
47	lncRHOXF1, a Long Noncoding RNA from the X Chromosome That Suppresses Viral Response Genes during Development of the Early Human Placenta. <i>Molecular and Cellular Biology</i> , 2016, 36, 1764-1775.	2.3	24
48	Distinct Chronic Post-Viral Lung Diseases upon Infection with Influenza or Parainfluenza Viruses Differentially Impact Superinfection Outcome. <i>American Journal of Pathology</i> , 2020, 190, 543-553.	3.8	24
49	IL-27 Limits Type 2 Immunopathology Following Parainfluenza Virus Infection. <i>PLoS Pathogens</i> , 2017, 13, e1006173.	4.7	21
50	Granulocyte Colony-Stimulating Factor Protects Mice during Respiratory Virus Infections. <i>PLoS ONE</i> , 2012, 7, e37334.	2.5	20
51	Preparation of Respiratory Syncytial Virus with High or Low Content of Defective Viral Particles and Their Purification from Viral Stocks. <i>Bio-protocol</i> , 2016, 6, .	0.4	19
52	Deficiency of Melanoma Differentiationâ€”associated Protein 5 Results in Exacerbated Chronic Postviral Lung Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 437-448.	5.6	18
53	Virus-derived immunostimulatory RNA induces type I IFN-dependent antibodies and T-cell responses during vaccination. <i>Vaccine</i> , 2018, 36, 4039-4045.	3.8	17
54	ANTIVIRAL IMMUNITY AND THE ROLE OF DENDRITIC CELLS. <i>International Reviews of Immunology</i> , 2002, 21, 339-353.	3.3	15

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55	The Viral Polymerase Complex Mediates the Interaction of Viral Ribonucleoprotein Complexes with Recycling Endosomes during Sendai Virus Assembly. MBio, 2020, 11, .	4.1	10
56	A Virus Is a Community: Diversity within Negative-Sense RNA Virus Populations. Microbiology and Molecular Biology Reviews, 2022, 86, .	6.6	8
57	Virus Budding/Host Interactions. Advances in Virology, 2011, 2011, 1-2.	1.1	5
58	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
59	Unexpected lessons from the neglected: How defective viral genomes became important again. PLoS Pathogens, 2019, 15, e1007450.	4.7	4
60	Respiratory Syncytial Virus Infection in Mice and Detection of Viral Genomes in the Lung Using RT-qPCR. Bio-protocol, 2016, 6, .	0.4	4
61	Harnessing defective viruses to fight infections. Med, 2022, 3, 1-2.	4.4	1
62	Host Immune Response to Influenza Virus. , 2009, , 131-156.		0