

# Carl G Feng

## List of Publications by Year in descending order

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87  
papers

12,435  
citations

44066  
48  
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53222  
85  
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92  
all docs

92  
docs citations

92  
times ranked

20426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell immune profiling reveals functional diversity of T cells in tuberculous pleural effusion. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	12
2	Pidotimod increases inflammation in wounded zebrafish embryos. <i>Fish and Shellfish Immunology</i> , 2022, 120, 429-433.	3.6	2
3	Activation of CD4 <sup>+</sup> T Cell-“Derived Cannabinoid Receptor 2 Signaling Exacerbates Sepsis via Inhibiting IL-10. <i>Journal of Immunology</i> , 2022, 208, 2515-2522.	0.8	4
4	Transcriptomic Profiling Identifies Neutrophil-Specific Upregulation of Cystatin F as a Marker of Acute Inflammation in Humans. <i>Frontiers in Immunology</i> , 2021, 12, 634119.	4.8	14
5	TCR Affinity Controls the Dynamics but Not the Functional Specification of the Antimycobacterial CD4 <sup>+</sup> T Cell Response. <i>Journal of Immunology</i> , 2021, 206, 2875-2887.	0.8	5
6	Tissue-resident regulatory T cells accumulate at human barrier lymphoid organs. <i>Immunology and Cell Biology</i> , 2021, 99, 894-906.	2.3	6
7	Targeting Aryl Hydrocarbon Receptor Signaling Enhances Type I Interferon-Independent Resistance to Herpes Simplex Virus. <i>Microbiology Spectrum</i> , 2021, 9, e0047321.	3.0	4
8	A single dose, BCG-adjuvanted COVID-19 vaccine provides sterilising immunity against SARS-CoV-2 infection. <i>Npj Vaccines</i> , 2021, 6, 143.	6.0	47
9	Association Between Functional Nucleotide Polymorphisms Up-regulating Transforming Growth Factor $\beta$ 1 Expression and Increased Tuberculosis Susceptibility. <i>Journal of Infectious Diseases</i> , 2020, , .	4.0	4
10	Mucosal delivery of a multistage subunit vaccine promotes development of lung-resident memory T cells and affords interleukin-17-dependent protection against pulmonary tuberculosis. <i>Npj Vaccines</i> , 2020, 5, 105.	6.0	45
11	Autoantibody-Mediated Erythrophagocytosis Increases Tuberculosis Susceptibility in HIV Patients. <i>MBio</i> , 2020, 11, .	4.1	7
12	Irgm1-deficiency leads to myeloid dysfunction in colon lamina propria and susceptibility to the intestinal pathogen <i>Citrobacter rodentium</i> . <i>PLoS Pathogens</i> , 2020, 16, e1008553.	4.7	14
13	Regulation of T Helper Cell Fate by TCR Signal Strength. <i>Frontiers in Immunology</i> , 2020, 11, 624.	4.8	66
14	Do innate killing mechanisms activated by inflammasomes have a role in treating melanoma?. <i>Pigment Cell and Melanoma Research</i> , 2020, 33, 660-670.	3.3	14
15	Single-cell transcriptomics of blood reveals a natural killer cell subset depletion in tuberculosis. <i>EBioMedicine</i> , 2020, 53, 102686.	6.1	94
16	Bazedoxifene Suppresses Intracellular Mycobacterium tuberculosis Growth by Enhancing Autophagy. <i>MSphere</i> , 2020, 5, .	2.9	24
17	Histone deacetylase inhibitors impair the host immune response against Mycobacterium tuberculosis infection. <i>Tuberculosis</i> , 2019, 118, 101861.	1.9	13
18	Understanding the role of host response in influenza pneumonitis. <i>Intensive Care Medicine</i> , 2019, 45, 1012-1014.	8.2	3

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19	Visualizing the Selectivity and Dynamics of Interferon Signaling In Vivo. Cell Reports, 2019, 29, 3539-3550.e4.	6.4	19
20	A proline deletion in IFNAR1 impairs IFN-signaling and underlies increased resistance to tuberculosis in humans. Nature Communications, 2018, 9, 85.	12.8	49
21	Pulmonary immunization with a recombinant influenza A virus vaccine induces lung-resident CD4+ memory T cells that are associated with protection against tuberculosis. Mucosal Immunology, 2018, 11, 1743-1752.	6.0	48
22	Pho4 Is Essential for Dissemination of Cryptococcus neoformans to the Host Brain by Promoting Phosphate Uptake and Growth at Alkaline pH. MSphere, 2017, 2, .	2.9	34
23	Mycobacteria induce TPL-2 mediated IL-10 in IL-4-generated alternatively activated macrophages. PLoS ONE, 2017, 12, e0179701.	2.5	7
24	Functional Interplay between Type I and II Interferons Is Essential to Limit Influenza A Virus-Induced Tissue Inflammation. PLoS Pathogens, 2016, 12, e1005378.	4.7	54
25	Down-regulation of miR-20a-5p triggers cell apoptosis to facilitate mycobacterial clearance through targeting JNK2 in human macrophages. Cell Cycle, 2016, 15, 2527-2538.	2.6	41
26	Mycobacterium tuberculosis components expressed during chronic infection of the lung contribute to long-term control of pulmonary tuberculosis in mice. Npj Vaccines, 2016, 1, 16012.	6.0	24
27	Development and delivery of anti-tuberculosis drugs, vaccines and immunotherapeutics. Advanced Drug Delivery Reviews, 2016, 102, 1-2.	13.7	2
28	Compartmentalization of Total and Virus-Specific Tissue-Resident Memory CD8+ T Cells in Human Lymphoid Organs. PLoS Pathogens, 2016, 12, e1005799.	4.7	74
29	xCT increases tuberculosis susceptibility by regulating antimicrobial function and inflammation. Oncotarget, 2016, 7, 31001-31013.	1.8	24
30	CD4+ T Cell Differentiation in Infection: Amendments to the Th1/Th2 Axiom. Frontiers in Immunology, 2015, 6, 198.	4.8	22
31	Interfering with Immunity: Detrimental Role of Type I IFNs during Infection. Journal of Immunology, 2015, 194, 2455-2465.	0.8	72
32	Allele-Specific Induction of IL-1 $\beta$ Expression by C/EBP $\beta$ and PU.1 Contributes to Increased Tuberculosis Susceptibility. PLoS Pathogens, 2014, 10, e1004426.	4.7	94
33	Increased Complement C1q Level Marks Active Disease in Human Tuberculosis. PLoS ONE, 2014, 9, e92340.	2.5	94
34	Regulation of Host Response to Mycobacteria by Type I Interferons. , 2014, , 109-124.		1
35	Cord Factor and Peptidoglycan Recapitulate the Th17-Promoting Adjuvant Activity of Mycobacteria through Mincle/CARD9 Signaling and the Inflammasome. Journal of Immunology, 2013, 190, 5722-5730.	0.8	112
36	Modulation of Innate Host Factors by Mycobacterium avium Complex in Human Macrophages Includes Interleukin 17. Journal of Infectious Diseases, 2012, 206, 1206-1217.	4.0	9

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37	A Functional Single-Nucleotide Polymorphism in the Promoter of the Gene Encoding Interleukin 6 Is Associated With Susceptibility to Tuberculosis. <i>Journal of Infectious Diseases</i> , 2012, 205, 1697-1704.	4.0	56
38	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
39	Innate and Adaptive Interferons Suppress IL-1 $\alpha$ and IL-1 $\beta$ Production by Distinct Pulmonary Myeloid Subsets during <i>Mycobacterium tuberculosis</i> Infection. <i>Immunity</i> , 2011, 35, 1023-1034.	14.3	379
40	The immunity-related GTPases in mammals: a fast-evolving cell-autonomous resistance system against intracellular pathogens. <i>Mammalian Genome</i> , 2011, 22, 43-54.	2.2	106
41	Intravital Imaging Reveals Limited Antigen Presentation and T Cell Effector Function in Mycobacterial Granulomas. <i>Immunity</i> , 2011, 34, 807-819.	14.3	226
42	Immunity to <i>Mycobacterium tuberculosis</i> . <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-2.	3.3	0
43	CD4 T Cells Promote Rather than Control Tuberculosis in the Absence of PD-1-Mediated Inhibition. <i>Journal of Immunology</i> , 2011, 186, 1598-1607.	0.8	269
44	<i>Mycobacterium tuberculosis</i> Triggers Host Type I IFN Signaling To Regulate IL-1 $\beta$ Production in Human Macrophages. <i>Journal of Immunology</i> , 2011, 187, 2540-2547.	0.8	229
45	Redundant and Pathogenic Roles for IL-22 in Mycobacterial, Protozoan, and Helminth Infections. <i>Journal of Immunology</i> , 2010, 184, 4378-4390.	0.8	120
46	Parasites Paralyze Cellular Host Defense System to Promote Virulence. <i>Cell Host and Microbe</i> , 2010, 8, 463-464.	11.0	1
47	Intranasal Poly-IC treatment exacerbates tuberculosis in mice through the pulmonary recruitment of a pathogen-permissive monocyte/macrophage population. <i>Journal of Clinical Investigation</i> , 2010, 120, 1674-1682.	8.2	259
48	The major component in schistosome eggs responsible for conditioning dendritic cells for Th2 polarization is a T2 ribonuclease (omega-1). <i>Journal of Experimental Medicine</i> , 2009, 206, 1681-1690.	8.5	272
49	In Situ IL-12/23p40 Production during Mycobacterial Infection Is Sustained by CD11b <sup>high</sup> Dendritic Cells Localized in Tissue Sites Distinct from Those Harboring Bacilli. <i>Journal of Immunology</i> , 2009, 182, 6915-6925.	0.8	34
50	Interferon-inducible immunity-related GTPase Irgm1 regulates IFN- $\gamma$ -dependent host defense, lymphocyte survival and autophagy. <i>Autophagy</i> , 2009, 5, 232-234.	9.1	63
51	Balance of Irgm protein activities determines IFN- $\gamma$ -induced host defense. <i>Journal of Leukocyte Biology</i> , 2009, 85, 877-885.	3.3	91
52	The immunity-related GTPase Irgm1 promotes the expansion of activated CD4 <sup>+</sup> T cell populations by preventing interferon- $\gamma$ -induced cell death. <i>Nature Immunology</i> , 2008, 9, 1279-1287.	14.5	110
53	Macrophage and T Cell Dynamics during the Development and Disintegration of Mycobacterial Granulomas. <i>Immunity</i> , 2008, 28, 271-284.	14.3	324
54	Immunological diversity within a family of cutinase-like proteins of <i>Mycobacterium tuberculosis</i> . <i>Vaccine</i> , 2008, 26, 3853-3859.	3.8	27

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55	The p47 GTPase Lrg-47 (Irgm1) Links Host Defense and Hematopoietic Stem Cell Proliferation. <i>Cell Stem Cell</i> , 2008, 2, 83-89.	11.1	124
56	Innate Immunity to Intraphagosomal Pathogens Is Mediated by Interferon Regulatory Factor 8 (IRF-8) That Stimulates the Expression of Macrophage-specific Nramp1 through Antagonizing Repression by c-Myc. <i>Journal of Biological Chemistry</i> , 2008, 283, 2724-2733.	3.4	52
57	The IFN-Inducible GTPase LRG47 (Irgm1) Negatively Regulates TLR4-Triggered Proinflammatory Cytokine Production and Prevents Endotoxemia. <i>Journal of Immunology</i> , 2007, 179, 5514-5522.	0.8	52
58	Conventional T-bet+Foxp3 <sup>hi</sup> Th1 cells are the major source of host-protective regulatory IL-10 during intracellular protozoan infection. <i>Journal of Experimental Medicine</i> , 2007, 204, 273-283.	8.5	539
59	Dectin-1 Interaction with <i>Mycobacterium tuberculosis</i> Leads to Enhanced IL-12p40 Production by Splenic Dendritic Cells. <i>Journal of Immunology</i> , 2007, 179, 3463-3471.	0.8	177
60	TAP-1 indirectly regulates CD4 <sup>+</sup> T cell priming in <i>Toxoplasma gondii</i> infection by controlling NK cell IFN- $\gamma$ production. <i>Journal of Experimental Medicine</i> , 2007, 204, 2591-2602.	8.5	77
61	Control of IFN- $\gamma$ -mediated host resistance to intracellular pathogens by immunity-related GTPases (p47) Tj ETQq1 1 0.784314 94gBT /Ove	1.9	10
62	Interleukin-5 (IL-5) Augments the Progression of Liver Fibrosis by Regulating IL-13 Activity. <i>Infection and Immunity</i> , 2006, 74, 1471-1479.	2.2	176
63	IL-23 plays a key role in <i>Helicobacter hepaticus</i> -induced T cell-dependent colitis. <i>Journal of Experimental Medicine</i> , 2006, 203, 2485-2494.	8.5	571
64	NK Cell-Derived IFN- $\gamma$ Differentially Regulates Innate Resistance and Neutrophil Response in T Cell-Deficient Hosts Infected with <i>Mycobacterium tuberculosis</i> . <i>Journal of Immunology</i> , 2006, 177, 7086-7093.	0.8	197
65	TLR9 regulates Th1 responses and cooperates with TLR2 in mediating optimal resistance to <i>Mycobacterium tuberculosis</i> . <i>Journal of Experimental Medicine</i> , 2005, 202, 1715-1724.	8.5	532
66	Mice Deficient in LRG-47 Display Enhanced Susceptibility to <i>Trypanosoma cruzi</i> Infection Associated with Defective Hemopoiesis and Intracellular Control of Parasite Growth. <i>Journal of Immunology</i> , 2005, 175, 8165-8172.	0.8	99
67	Maintenance of Pulmonary Th1 Effector Function in Chronic Tuberculosis Requires Persistent IL-12 Production. <i>Journal of Immunology</i> , 2005, 174, 4185-4192.	0.8	117
68	MyD88-Deficient Mice Display a Profound Loss in Resistance to <i>Mycobacterium tuberculosis</i> Associated with Partially Impaired Th1 Cytokine and Nitric Oxide Synthase 2 Expression. <i>Infection and Immunity</i> , 2004, 72, 2400-2404.	2.2	171
69	Mice Deficient in LRG-47 Display Increased Susceptibility to Mycobacterial Infection Associated with the Induction of Lymphopenia. <i>Journal of Immunology</i> , 2004, 172, 1163-1168.	0.8	125
70	p47 GTPases: regulators of immunity to intracellular pathogens. <i>Nature Reviews Immunology</i> , 2004, 4, 100-109.	22.7	247
71	Mice Lacking Myeloid Differentiation Factor 88 Display Profound Defects in Host Resistance and Immune Responses to <i>Mycobacterium avium</i> Infection Not Exhibited by Toll-Like Receptor 2 (TLR2)- and TLR4-Deficient Animals. <i>Journal of Immunology</i> , 2003, 171, 4758-4764.	0.8	187
72	The Function of Gamma Interferon-Inducible GTP-Binding Protein IGTP in Host Resistance to <i>Toxoplasma gondii</i> Is Stat1 Dependent and Requires Expression in Both Hematopoietic and Nonhematopoietic Cellular Compartments. <i>Infection and Immunity</i> , 2002, 70, 6933-6939.	2.2	84

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73	Lymphocyte Recruitment and Protective Efficacy against Pulmonary Mycobacterial Infection Are Independent of the Route of Prior Mycobacterium bovis BCG Immunization. Infection and Immunity, 2002, 70, 1410-1416.	2.2	49
74	Transgenic Mice Expressing Human Interleukin-10 in the Antigen-Presenting Cell Compartment Show Increased Susceptibility to Infection with Mycobacterium avium Associated with Decreased Macrophage Effector Function and Apoptosis. Infection and Immunity, 2002, 70, 6672-6679.	2.2	66
75	Coexpression of Interleukin-12 Chains by a Self-Splicing Vector Increases the Protective Cellular Immune Response of DNA and Mycobacterium bovis BCG Vaccines against Mycobacterium tuberculosis. Infection and Immunity, 2002, 70, 1949-1956.	2.2	49
76	A Critical Role for IL-21 in Regulating Immunoglobulin Production. Science, 2002, 298, 1630-1634.	12.6	873
77	Induction of CD8 + T lymphocyte responses to a secreted antigen of Mycobacterium tuberculosis by an attenuated vaccinia virus. Immunology and Cell Biology, 2001, 79, 569-575.	2.3	21
78	Stimulation of Dendritic Cells via CD40 Enhances Immune Responses to Mycobacterium tuberculosis Infection. Infection and Immunity, 2001, 69, 2456-2461.	2.2	58
79	Priming by DNA Immunization Augments Protective Efficacy of Mycobacterium bovis Bacille Calmette-Guerin against Tuberculosis. Infection and Immunity, 2001, 69, 4174-4176.	2.2	116
80	Dendritic cells infected with Mycobacterium bovis bacillus Calmette Guérin activate CD8+ T cells with specificity for a novel mycobacterial epitope. International Immunology, 2001, 13, 451-458.	4.0	39
81	Up-Regulation of VCAM-1 and Differential Expansion of $\text{I}^2$ Integrin-Expressing T Lymphocytes Are Associated with Immunity to Pulmonary Mycobacterium tuberculosis Infection. Journal of Immunology, 2000, 164, 4853-4860.	0.8	81
82	CD4+ and CD8+ T Cells Mediate Adoptive Immunity to Aerosol Infection of Mycobacterium bovis Bacillus Calmette-Guérin. Journal of Infectious Diseases, 2000, 181, 1846-1849.	4.0	54
83	Protection against aerosol Mycobacterium tuberculosis infection using Mycobacterium bovis Bacillus Calmette Guérin-infected dendritic cells. European Journal of Immunology, 1999, 29, 1972-1979.	2.9	140
84	Pasteurisation and Homogenisation of Milk Enhances the Immunogenicity of Milk Plasma Proteins in a Rat Model. Food and Agricultural Immunology, 1999, 11, 251-258.	1.4	9
85	Differential Protective Efficacy of DNA Vaccines Expressing Secreted Proteins of Mycobacterium tuberculosis. Infection and Immunity, 1999, 67, 1702-1707.	2.2	12
86	Differential Protective Efficacy of DNA Vaccines Expressing Secreted Proteins of Mycobacterium tuberculosis. Infection and Immunity, 1999, 67, 1702-1707.	2.2	269
87	Increase in Gamma Interferon-Secreting CD8 <sup>+</sup> , as Well as CD4 <sup>+</sup> , T Cells in Lungs following Aerosol Infection with Mycobacterium tuberculosis. Infection and Immunity, 1999, 67, 3242-3247.	2.2	126