

# Carl G Feng

## List of Publications by Year in descending order

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87  
papers

12,435  
citations

50566

48  
h-index

60403

85  
g-index

92  
all docs

92  
docs citations

92  
times ranked

22329  
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, .	4.2	12
2	Pidotimod increases inflammation in wounded zebrafish embryos. <i>Fish and Shellfish Immunology</i> , 2022, 120, 429-433.	1.6	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.	0.4	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.	2.2	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.	0.4	5
6	Tissue-resident regulatory T cells accumulate at human barrier lymphoid organs. <i>Immunology and Cell Biology</i> , 2021, 99, 894-906.	1.0	6
7	Targeting Aryl Hydrocarbon Receptor Signaling Enhances Type I Interferon-Independent Resistance to Herpes Simplex Virus. <i>Microbiology Spectrum</i> , 2021, 9, e0047321.	1.2	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.	2.9	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, , .	1.9	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.	2.9	45
11	Autoantibody-Mediated Erythrophagocytosis Increases Tuberculosis Susceptibility in HIV Patients. <i>MBio</i> , 2020, 11, .	1.8	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.	2.1	14
13	Regulation of T Helper Cell Fate by TCR Signal Strength. <i>Frontiers in Immunology</i> , 2020, 11, 624.	2.2	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.	1.5	14
15	Single-cell transcriptomics of blood reveals a natural killer cell subset depletion in tuberculosis. <i>EBioMedicine</i> , 2020, 53, 102686.	2.7	94
16	Bazedoxifene Suppresses Intracellular Mycobacterium tuberculosis Growth by Enhancing Autophagy. <i>MSphere</i> , 2020, 5, .	1.3	24
17	Histone deacetylase inhibitors impair the host immune response against Mycobacterium tuberculosis infection. <i>Tuberculosis</i> , 2019, 118, 101861.	0.8	13
18	Understanding the role of host response in influenza pneumonitis. <i>Intensive Care Medicine</i> , 2019, 45, 1012-1014.	3.9	3

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19	Visualizing the Selectivity and Dynamics of Interferon Signaling In Vivo. <i>Cell Reports</i> , 2019, 29, 3539-3550.e4.	2.9	19
20	A proline deletion in IFNAR1 impairs IFN-signaling and underlies increased resistance to tuberculosis in humans. <i>Nature Communications</i> , 2018, 9, 85.	5.8	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. <i>Mucosal Immunology</i> , 2018, 11, 1743-1752.	2.7	48
22	Pho4 Is Essential for Dissemination of <i>Cryptococcus neoformans</i> to the Host Brain by Promoting Phosphate Uptake and Growth at Alkaline pH. <i>MSphere</i> , 2017, 2, .	1.3	34
23	Mycobacteria induce TPL-2 mediated IL-10 in IL-4-generated alternatively activated macrophages. <i>PLoS ONE</i> , 2017, 12, e0179701.	1.1	7
24	Functional Interplay between Type I and II Interferons Is Essential to Limit Influenza A Virus-Induced Tissue Inflammation. <i>PLoS Pathogens</i> , 2016, 12, e1005378.	2.1	54
25	Down-regulation of miR-20a-5p triggers cell apoptosis to facilitate mycobacterial clearance through targeting JNK2 in human macrophages. <i>Cell Cycle</i> , 2016, 15, 2527-2538.	1.3	41
26	Mycobacterium tuberculosis components expressed during chronic infection of the lung contribute to long-term control of pulmonary tuberculosis in mice. <i>Npj Vaccines</i> , 2016, 1, 16012.	2.9	24
27	Development and delivery of anti-tuberculosis drugs, vaccines and immunotherapeutics. <i>Advanced Drug Delivery Reviews</i> , 2016, 102, 1-2.	6.6	2
28	Compartmentalization of Total and Virus-Specific Tissue-Resident Memory CD8+ T Cells in Human Lymphoid Organs. <i>PLoS Pathogens</i> , 2016, 12, e1005799.	2.1	74
29	xCT increases tuberculosis susceptibility by regulating antimicrobial function and inflammation. <i>Oncotarget</i> , 2016, 7, 31001-31013.	0.8	24
30	CD4+ T Cell Differentiation in Infection: Amendments to the Th1/Th2 Axiom. <i>Frontiers in Immunology</i> , 2015, 6, 198.	2.2	22
31	Interfering with Immunity: Detrimental Role of Type I IFNs during Infection. <i>Journal of Immunology</i> , 2015, 194, 2455-2465.	0.4	72
32	Allele-Specific Induction of IL-1 $\beta$ Expression by C/EBP $\beta$ and PU.1 Contributes to Increased Tuberculosis Susceptibility. <i>PLoS Pathogens</i> , 2014, 10, e1004426.	2.1	94
33	Increased Complement C1q Level Marks Active Disease in Human Tuberculosis. <i>PLoS ONE</i> , 2014, 9, e92340.	1.1	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. <i>Journal of Immunology</i> , 2013, 190, 5722-5730.	0.4	112
36	Modulation of Innate Host Factors by Mycobacterium avium Complex in Human Macrophages Includes Interleukin 17. <i>Journal of Infectious Diseases</i> , 2012, 206, 1206-1217.	1.9	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.	1.9	56
38	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
39	Innate and Adaptive Interferons Suppress IL-1 $\beta$ and IL-1 $\gamma$ Production by Distinct Pulmonary Myeloid Subsets during <i>Mycobacterium tuberculosis</i> Infection. <i>Immunity</i> , 2011, 35, 1023-1034.	6.6	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.	1.0	106
41	Intravital Imaging Reveals Limited Antigen Presentation and T Cell Effector Function in <i>Mycobacterial</i> Granulomas. <i>Immunity</i> , 2011, 34, 807-819.	6.6	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.	0.4	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.	0.4	229
45	Redundant and Pathogenic Roles for IL-22 in <i>Mycobacterial</i> , Protozoan, and Helminth Infections. <i>Journal of Immunology</i> , 2010, 184, 4378-4390.	0.4	120
46	Parasites Paralyze Cellular Host Defense System to Promote Virulence. <i>Cell Host and Microbe</i> , 2010, 8, 463-464.	5.1	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.	3.9	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.	4.2	272
49	In Situ IL-12/23p40 Production during <i>Mycobacterial</i> 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.	0.4	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.	4.3	63
51	Balance of Irgm protein activities determines IFN $\gamma$ -induced host defense. <i>Journal of Leukocyte Biology</i> , 2009, 85, 877-885.	1.5	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.	7.0	110
53	Macrophage and T Cell Dynamics during the Development and Disintegration of <i>Mycobacterial</i> Granulomas. <i>Immunity</i> , 2008, 28, 271-284.	6.6	324
54	Immunological diversity within a family of cutinase-like proteins of <i>Mycobacterium tuberculosis</i> . <i>Vaccine</i> , 2008, 26, 3853-3859.	1.7	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.	5.2	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.	1.6	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.	0.4	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.	4.2	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.	0.4	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.	4.2	77
61	Control of IFN- $\gamma$ -mediated host resistance to intracellular pathogens by immunity-related GTPases (p47) Tj ETQq1 1.0.784314rgBT /Ove	1.0	94
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.	1.0	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.	4.2	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.	0.4	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.	4.2	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.	0.4	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.	0.4	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.	1.0	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.	0.4	125
70	p47 GTPases: regulators of immunity to intracellular pathogens. <i>Nature Reviews Immunology</i> , 2004, 4, 100-109.	10.6	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.	0.4	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.	1.0	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. <i>Infection and Immunity</i> , 2002, 70, 1410-1416.	1.0	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. <i>Infection and Immunity</i> , 2002, 70, 6672-6679.	1.0	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. <i>Infection and Immunity</i> , 2002, 70, 1949-1956.	1.0	49
76	A Critical Role for IL-21 in Regulating Immunoglobulin Production. <i>Science</i> , 2002, 298, 1630-1634.	6.0	873
77	Induction of CD8 + T lymphocyte responses to a secreted antigen of Mycobacterium tuberculosis by an attenuated vaccinia virus. <i>Immunology and Cell Biology</i> , 2001, 79, 569-575.	1.0	21
78	Stimulation of Dendritic Cells via CD40 Enhances Immune Responses to Mycobacterium tuberculosis Infection. <i>Infection and Immunity</i> , 2001, 69, 2456-2461.	1.0	58
79	Priming by DNA Immunization Augments Protective Efficacy of Mycobacterium bovis Bacille Calmette-Guerin against Tuberculosis. <i>Infection and Immunity</i> , 2001, 69, 4174-4176.	1.0	116
80	Dendritic cells infected with Mycobacterium bovis bacillus Calmette Guerin activate CD8+ T cells with specificity for a novel mycobacterial epitope. <i>International Immunology</i> , 2001, 13, 451-458.	1.8	39
81	Up-Regulation of VCAM-1 and Differential Expansion of $\hat{I}^2$ Integrin-Expressing T Lymphocytes Are Associated with Immunity to Pulmonary Mycobacterium tuberculosis Infection. <i>Journal of Immunology</i> , 2000, 164, 4853-4860.	0.4	81
82	CD4+ and CD8+ T Cells Mediate Adoptive Immunity to Aerosol Infection of Mycobacterium bovis Bacillus Calmette-Guérin. <i>Journal of Infectious Diseases</i> , 2000, 181, 1846-1849.	1.9	54
83	Protection against aerosol Mycobacterium tuberculosis infection using Mycobacterium bovis Bacillus Calmette Guérin-infected dendritic cells. <i>European Journal of Immunology</i> , 1999, 29, 1972-1979.	1.6	140
84	Pasteurisation and Homogenisation of Milk Enhances the Immunogenicity of Milk Plasma Proteins in a Rat Model. <i>Food and Agricultural Immunology</i> , 1999, 11, 251-258.	0.7	9
85	Differential Protective Efficacy of DNA Vaccines Expressing Secreted Proteins of Mycobacterium tuberculosis. <i>Infection and Immunity</i> , 1999, 67, 1702-1707.	1.0	12
86	Differential Protective Efficacy of DNA Vaccines Expressing Secreted Proteins of Mycobacterium tuberculosis. <i>Infection and Immunity</i> , 1999, 67, 1702-1707.	1.0	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. <i>Infection and Immunity</i> , 1999, 67, 3242-3247.	1.0	126