

# Benedict Chambers

## List of Publications by Citations

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70  
papers

4,185  
citations

31  
h-index

64  
g-index

78  
ext. papers

4,978  
ext. citations

8.2  
avg, IF

4.62  
L-index

#	Paper	IF	Citations
70	Robust T Cell Immunity in Convalescent Individuals with Asymptomatic or Mild COVID-19. <i>Cell</i> , <b>2020</b> , 183, 158-168.e14	56.2	955
69	Constitutive macropinocytosis allows TAP-dependent major histocompatibility complex class I presentation of exogenous soluble antigen by bone marrow-derived dendritic cells. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 280-8	6.1	291
68	Natural killer cells determine development of allergen-induced eosinophilic airway inflammation in mice. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 189, 553-62	16.6	221
67	Triggering of natural killer cells by the costimulatory molecule CD80 (B7-1). <i>Immunity</i> , <b>1996</b> , 5, 311-7	32.3	206
66	NK cell TRAIL eliminates immature dendritic cells in vivo and limits dendritic cell vaccination efficacy. <i>Journal of Immunology</i> , <b>2004</b> , 172, 123-9	5.3	167
65	Impaired immune responses and altered peptide repertoire in tapasin-deficient mice. <i>Nature Immunology</i> , <b>2000</b> , 1, 234-8	19.1	158
64	Biodegradation of single-walled carbon nanotubes by eosinophil peroxidase. <i>Small</i> , <b>2013</b> , 9, 2721-9, 2720	1	145
63	CD8+ T cells rapidly acquire NK1.1 and NK cell-associated molecules upon stimulation in vitro and in vivo. <i>Journal of Immunology</i> , <b>2000</b> , 165, 3673-9	5.3	123
62	Natural killer and dendritic cell contact in lesional atopic dermatitis skin--Malassezia-influenced cell interaction. <i>Journal of Investigative Dermatology</i> , <b>2002</b> , 119, 850-7	4.3	107
61	A new method for in vitro expansion of cytotoxic human CD3-CD56+ natural killer cells. <i>Human Immunology</i> , <b>2001</b> , 62, 1092-8	2.3	106
60	In vivo activation of dendritic cells and T cells during <i>Salmonella enterica</i> serovar Typhimurium infection. <i>Infection and Immunity</i> , <b>2001</b> , 69, 5726-35	3.7	104
59	NK cells stimulate proliferation of T and NK cells through 2B4/CD48 interactions. <i>Journal of Immunology</i> , <b>2004</b> , 173, 174-80	5.3	96
58	Emergence of CD8+ T cells expressing NK cell receptors in influenza A virus-infected mice. <i>Journal of Immunology</i> , <b>2000</b> , 165, 4964-9	5.3	94
57	MAIT cell activation and dynamics associated with COVID-19 disease severity. <i>Science Immunology</i> , <b>2020</b> , 5,	28	74
56	NK cell triggering by the human costimulatory molecules CD80 and CD86. <i>Journal of Immunology</i> , <b>1999</b> , 163, 4207-12	5.3	67
55	Death receptor ligation or exposure to perforin trigger rapid egress of the intracellular parasite <i>Toxoplasma gondii</i> . <i>Journal of Immunology</i> , <b>2007</b> , 179, 8357-65	5.3	65
54	Cutting edge: Regulation of CD8(+) T cell proliferation by 2B4/CD48 interactions. <i>Journal of Immunology</i> , <b>2001</b> , 167, 6706-10	5.3	65

53	Expansion of natural killer (NK) and natural killer-like T (NKT)-cell populations derived from patients with B-chronic lymphocytic leukemia (B-CLL): a potential source for cellular immunotherapy. <i>Leukemia</i> , <b>2003</b> , 17, 1973-80	10.7	61
52	Migratory activation of primary cortical microglia upon infection with <i>Toxoplasma gondii</i> . <i>Infection and Immunity</i> , <b>2011</b> , 79, 3046-52	3.7	59
51	Transmission of <i>Toxoplasma gondii</i> from infected dendritic cells to natural killer cells. <i>Infection and Immunity</i> , <b>2009</b> , 77, 970-6	3.7	53
50	Fine tuning of natural killer cell specificity and maintenance of self tolerance in MHC class I-deficient mice. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 1315-21	6.1	50
49	PPAR- $\gamma$ promotes type 2 immune responses in allergy and nematode infection. <i>Science Immunology</i> , <b>2017</b> , 2,	28	47
48	Direct NK cell-mediated lysis of syngenic dorsal root ganglia neurons in vitro. <i>Journal of Immunology</i> , <b>2000</b> , 165, 4895-900	5.3	43
47	Natural killer cell-mediated lysis of dorsal root ganglia neurons via RAE1/NKG2D interactions. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 92-100	6.1	42
46	Heterogeneous expression of the adhesion receptor CD226 on murine NK and T cells and its function in NK-mediated killing of immature dendritic cells. <i>Journal of Leukocyte Biology</i> , <b>2009</b> , 86, 91-101 <sup>6.5</sup>	6.5	39
45	TAP1-deficient mice select a CD8+ T cell repertoire that displays both diversity and peptide specificity. <i>European Journal of Immunology</i> , <b>1996</b> , 26, 288-93	6.1	39
44	Generation of CD8+ T cells specific for transporter associated with antigen processing deficient cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 11496-501 <sup>11.5</sup>	11.5	36
43	Voltage-dependent calcium channel signaling mediates GABA $A$ receptor-induced migratory activation of dendritic cells infected by <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006739	7.6	35
42	Nitric oxide produced by murine dendritic cells is cytotoxic for intracellular <i>Salmonella enterica</i> sv. <i>Typhimurium</i> . <i>Scandinavian Journal of Immunology</i> , <b>2003</b> , 58, 493-502	3.4	35
41	Influenza-Activated ILC1s Contribute to Antiviral Immunity Partially Influenced by Differential GITR Expression. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 505	8.4	32
40	Expression of CD226 is associated to but not required for NK cell education. <i>Nature Communications</i> , <b>2017</b> , 8, 15627	17.4	31
39	Critical and independent role for SOCS3 in either myeloid or T cells in resistance to <i>Mycobacterium tuberculosis</i> . <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003442	7.6	31
38	Spread of measles virus through axonal pathways into limbic structures in the brain of TAP1 -/- mice. <i>Journal of Medical Virology</i> , <b>1997</b> , 52, 362-9	19.7	31
37	2B4/CD48-mediated regulation of lymphocyte activation and function. <i>Journal of Immunology</i> , <b>2005</b> , 175, 2045-9	5.3	31
36	Gap junction intercellular communications regulate NK cell activation and modulate NK cytotoxic capacity. <i>Journal of Immunology</i> , <b>2014</b> , 192, 1313-9	5.3	30

35	Plasmacytoid dendritic cell-induced migration and activation of NK cells in vivo. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 2155-64	6.1	29
34	2B4 co-stimulation: NK cells and their control of adaptive immune responses. <i>Molecular Immunology</i> , <b>2005</b> , 42, 419-23	4.3	28
33	Targeting a scavenger receptor on tumor-associated macrophages activates tumor cell killing by natural killer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 32005-32016	11.5	28
32	Human cytomegalovirus-derived protein UL18 alters the phenotype and function of monocyte-derived dendritic cells. <i>Journal of Leukocyte Biology</i> , <b>2008</b> , 83, 56-63	6.5	27
31	Expression of the DX5 antigen on CD8+ T cells is associated with activation and subsequent cell death or memory during influenza virus infection. <i>European Journal of Immunology</i> , <b>2001</b> , 31, 1523-30	6.1	27
30	Induction of protective CTL immunity against peptide transporter TAP-deficient tumors through dendritic cell vaccination. <i>Cancer Research</i> , <b>2007</b> , 67, 8450-5	10.1	26
29	AIRE expressing marginal zone dendritic cells balances adaptive immunity and T-follicular helper cell recruitment. <i>Journal of Autoimmunity</i> , <b>2013</b> , 42, 62-70	15.5	21
28	IL-2 down-regulates the expression of TCR and TCR-associated surface molecules on CD8(+) T cells. <i>European Journal of Immunology</i> , <b>2001</b> , 31, 3248-54	6.1	19
27	PD-1 expression affects cytokine production by ILC2 and is influenced by peroxisome proliferator-activated receptor- $\gamma$ . <i>Immunity, Inflammation and Disease</i> , <b>2020</b> , 8, 8-23	2.4	19
26	Reproduction and sera embryotoxicity after immunization of monkeys with the laminin peptides YIGSR, RGD, and IKVAV. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 6818-22	11.5	18
25	Cripto-1 Plasmid DNA Vaccination Targets Metastasis and Cancer Stem Cells in Murine Mammary Carcinoma. <i>Cancer Immunology Research</i> , <b>2018</b> , 6, 1417-1425	12.5	17
24	CD244 is expressed on dendritic cells and regulates their functions. <i>Immunology and Cell Biology</i> , <b>2015</b> , 93, 581-90	5	16
23	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	14
22	Critical role of Qa1b in the protection of mature dendritic cells from NK cell-mediated killing. <i>Scandinavian Journal of Immunology</i> , <b>2008</b> , 67, 30-6	3.4	13
21	Activated NKT cells imprint NK-cell differentiation, functionality and education. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 1794-807	6.1	12
20	Independent control of natural killer cell responsiveness and homeostasis at steady-state by CD11c+ dendritic cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 37996	4.9	12
19	Downmodulation of Effector Functions in NK Cells upon Toxoplasma gondii Infection. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	11
18	To the editor: TIGIT versus CD226: hegemony or coexistence?. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 307-8	6.1	9

## LIST OF PUBLICATIONS

17	Triggering of natural killer cell mediated cytotoxicity by costimulatory molecules. <i>Current Topics in Microbiology and Immunology</i> , <b>1998</b> , 230, 53-61	3.3	9
16	Sensitivity of dendritic cells to NK-mediated lysis depends on the inflammatory environment and is modulated by CD54/CD226-driven interactions. <i>Journal of Leukocyte Biology</i> , <b>2016</b> , 100, 781-789	6.5	9
15	TLR-Stimulated Eosinophils Mediate Recruitment and Activation of NK Cells In Vivo. <i>Scandinavian Journal of Immunology</i> , <b>2017</b> , 85, 417-424	3.4	8
14	Role of laminin autoantibodies on the embryo toxicity of sera from mercuric chloride treated brown Norway rats. <i>Reproductive Toxicology</i> , <b>1993</b> , 7, 333-41	3.4	8
13	The direct embryotoxicity of immunoglobulin G fractions from patients with systemic lupus erythematosus. <i>American Journal of Reproductive Immunology</i> , <b>1995</b> , 34, 349-55	3.8	7
12	The effects of hepatitis C virus core protein on functional responses in the NK cell line YTS. <i>Scandinavian Journal of Immunology</i> , <b>2012</b> , 75, 54-60	3.4	6
11	The Abl-1 Kinase is Dispensable for NK Cell Inhibitory Signalling and is not Involved in Murine NK Cell Education. <i>Scandinavian Journal of Immunology</i> , <b>2017</b> , 86, 135-142	3.4	5
10	Carbon Nanotubes: Biodegradation of Single-Walled Carbon Nanotubes by Eosinophil Peroxidase (Small 16/2013). <i>Small</i> , <b>2013</b> , 9, 2720-2720	11	4
9	GABAergic signaling in human and murine NK cells upon challenge with Toxoplasma gondii. <i>Journal of Leukocyte Biology</i> , <b>2021</b> , 110, 617-628	6.5	3
8	Invariant NKT Cell-Mediated Modulation of ILC1s as a Tool for Mucosal Immune Intervention. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1849	8.4	2
7	IL-15 and CD155 expression regulate LAT expression in murine DNAM1 NK cells, enhancing their effector functions. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 494-504	6.1	2
6	The murine cytomegalovirus immunoevasin gp40/m152 inhibits NKG2D receptor RAE-1 by intracellular retention and cell surface masking. <i>Journal of Cell Science</i> , <b>2021</b> , 134,	5.3	2
5	A ten-year retrospective case series of glucocorticoid treatment of bacterial meningitis in children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2016</b> , 105, 979-82	3.1	1
4	COVID-19 specific metabolic imprint yields insights into multi organ-system perturbations. <i>European Journal of Immunology</i> , <b>2021</b> ,	6.1	1
3	High Dimensional Immune Profiling Reveals Different Response Patterns in Active and Latent Tuberculosis Following Stimulation With Mycobacterial Glycolipids. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 727300	8.4	1
2	NK cell/T cell interactions <b>2010</b> , 297-308	0	0
1	Key features and homing properties of NK cells in the liver are shaped by activated iNKT cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 16362	4.9	0