Benedict Chambers

List of Publications by Year in Descending Order

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	COVID-19 specific metabolic imprint yields insights into multi organ-system perturbations. *European Journal of Immunology*, **2021**,	6.1	1
69	High Dimensional Immune Profiling Reveals Different Response Patterns in Active and Latent Tuberculosis Following Stimulation With Mycobacterial Glycolipids. *Frontiers in Immunology*, **2021**, 12, 727300	8.4	1
68	GABAergic signaling in human and murine NK cells upon challenge with Toxoplasma gondii. *Journal of Leukocyte Biology*, **2021**, 110, 617-628	6.5	3
67	The murine cytomegalovirus immunoevasin gp40/m152 inhibits NKG2D receptor RAE-1 by intracellular retention and cell surface masking. *Journal of Cell Science*, **2021**, 134,	5.3	2
66	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	14
65	MAIT cell activation and dynamics associated with COVID-19 disease severity. *Science Immunology*, **2020**, 5,	28	74
64	Targeting a scavenger receptor on tumor-associated macrophages activates tumor cell killing by natural killer cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 32005-32016	11.5	28
63	PD-1 expression affects cytokine production by ILC2 and is influenced by peroxisome proliferator-activated receptor- *Immunity, Inflammation and Disease*, **2020**, 8, 8-23	2.4	19
62	IL-15 and CD155 expression regulate LAT expression in murine DNAM1 NK cells, enhancing their effectors functions. *European Journal of Immunology*, **2020**, 50, 494-504	6.1	2
61	Robust T Cell Immunity in Convalescent Individuals with Asymptomatic or Mild COVID-19. *Cell*, **2020** , 183, 158-168.e14	56.2	955
60	Invariant NKT Cell-Mediated Modulation of ILC1s as a Tool for Mucosal Immune Intervention. *Frontiers in Immunology*, **2019**, 10, 1849	8.4	2
59	Key features and homing properties of NK cells in the liver are shaped by activated iNKT cells. *Scientific Reports*, **2019**, 9, 16362	4.9	
58	Influenza-Activated ILC1s Contribute to Antiviral Immunity Partially Influenced by Differential GITR Expression. *Frontiers in Immunology*, **2018**, 9, 505	8.4	32
57	Cripto-1 Plasmid DNA Vaccination Targets Metastasis and Cancer Stem Cells in Murine Mammary Carcinoma. *Cancer Immunology Research*, **2018**, 6, 1417-1425	12.5	17
56	TLR-Stimulated Eosinophils Mediate Recruitment and Activation of NK Cells In Vivo. *Scandinavian Journal of Immunology*, **2017**, 85, 417-424	3.4	8
55	Expression of CD226 is associated to but not required for NK cell education. *Nature Communications*, **2017**, 8, 15627	17.4	31
54	The Abl-1 Kinase is Dispensable for NK Cell Inhibitory Signalling and is not Involved in Murine NK Cell Education. *Scandinavian Journal of Immunology*, **2017**, 86, 135-142	3.4	5

53	PPAR-□promotes type 2 immune responses in allergy and nematode infection. *Science Immunology*, **2017**, 2,	28	47
52	Voltage-dependent calcium channel signaling mediates GABAA receptor-induced migratory activation of dendritic cells infected by Toxoplasma gondii. *PLoS Pathogens*, **2017**, 13, e1006739	7.6	35
51	Downmodulation of Effector Functions in NK Cells upon Toxoplasma gondii Infection. *Infection and Immunity*, **2017**, 85,	3.7	11
50	A ten-year retrospective case series of glucocorticoid treatment of bacterial meningitis in children. *Acta Paediatrica, International Journal of Paediatrics*, **2016**, 105, 979-82	3.1	1
49	Independent control of natural killer cell responsiveness and homeostasis at steady-state by CD11c+ dendritic cells. *Scientific Reports*, **2016**, 6, 37996	4.9	12
48	Sensitivity of dendritic cells to NK-mediated lysis depends on the inflammatory environment and is modulated by CD54/CD226-driven interactions. *Journal of Leukocyte Biology*, **2016**, 100, 781-789	6.5	9
47	CD244 is expressed on dendritic cells and regulates their functions. *Immunology and Cell Biology*, **2015**, 93, 581-90	5	16
46	Activated NKT cells imprint NK-cell differentiation, functionality and education. *European Journal of Immunology*, **2015**, 45, 1794-807	6.1	12
45	Gap junction intercellular communications regulate NK cell activation and modulate NK cytotoxic capacity. *Journal of Immunology*, **2014**, 192, 1313-9	5.3	30
44	To the editor: TIGIT versus CD226: hegemony or coexistence?. *European Journal of Immunology*, **2014**, 44, 307-8	6.1	9
43	Carbon Nanotubes: Biodegradation of Single-Walled Carbon Nanotubes by Eosinophil Peroxidase (Small 16/2013). *Small*, **2013**, 9, 2720-2720	11	4
42	AIRE expressing marginal zone dendritic cells balances adaptive immunity and T-follicular helper cell recruitment. *Journal of Autoimmunity*, **2013**, 42, 62-70	15.5	21
41	Biodegradation of single-walled carbon nanotubes by eosinophil peroxidase. *Small*, **2013**, 9, 2721-9, 2720	11	145
40	Critical and independent role for SOCS3 in either myeloid or T cells in resistance to Mycobacterium tuberculosis. *PLoS Pathogens*, **2013**, 9, e1003442	7.6	31
39	The effects of hepatitis C virus core protein on functional responses in the NK cell line YTS. *Scandinavian Journal of Immunology*, **2012**, 75, 54-60	3.4	6
38	Migratory activation of primary cortical microglia upon infection with Toxoplasma gondii. *Infection and Immunity*, **2011**, 79, 3046-52	3.7	59
37	NK cell□ cell interactions **2010**, 297-308		0
36	Plasmacytoid dendritic cell-induced migration and activation of NK cells in vivo. *European Journal of Immunology*, **2010**, 40, 2155-64	6.1	29

35	Heterogeneous expression of the adhesion receptor CD226 on murine NK and T cells and its function in NK-mediated killing of immature dendritic cells. *Journal of Leukocyte Biology*, **2009**, 86, 91-101	6.5	39
34	Transmission of Toxoplasma gondii from infected dendritic cells to natural killer cells. *Infection and Immunity*, **2009**, 77, 970-6	3.7	53
33	Human cytomegalovirus-derived protein UL18 alters the phenotype and function of monocyte-derived dendritic cells. *Journal of Leukocyte Biology*, **2008**, 83, 56-63	6.5	27
32	Critical role of Qa1b in the protection of mature dendritic cells from NK cell-mediated killing. *Scandinavian Journal of Immunology*, **2008**, 67, 30-6	3.4	13
31	Death receptor ligation or exposure to perforin trigger rapid egress of the intracellular parasite Toxoplasma gondii. *Journal of Immunology*, **2007**, 179, 8357-65	5.3	65
30	Induction of protective CTL immunity against peptide transporter TAP-deficient tumors through dendritic cell vaccination. *Cancer Research*, **2007**, 67, 8450-5	10.1	26
29	2B4 co-stimulation: NK cells and their control of adaptive immune responses. *Molecular Immunology*, **2005**, 42, 419-23	4.3	28
28	2B4/CD48-mediated regulation of lymphocyte activation and function. *Journal of Immunology*, **2005** , 175, 2045-9	5.3	31
27	NK cells stimulate proliferation of T and NK cells through 2B4/CD48 interactions. *Journal of Immunology*, **2004**, 173, 174-80	5.3	96
26	NK cell TRAIL eliminates immature dendritic cells in vivo and limits dendritic cell vaccination efficacy. *Journal of Immunology*, **2004**, 172, 123-9	5.3	167
25	Natural killer cell-mediated lysis of dorsal root ganglia neurons via RAE1/NKG2D interactions. *European Journal of Immunology*, **2003**, 33, 92-100	6.1	42
24	Nitric oxide produced by murine dendritic cells is cytotoxic for intracellular Salmonella enterica sv. Typhimurium. *Scandinavian Journal of Immunology*, **2003**, 58, 493-502	3.4	35
23	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. *Leukemia*, **2003**, 17, 1973-80	10.7	61
22	Natural killer and dendritic cell contact in lesional atopic dermatitis skin--Malassezia-influenced cell interaction. *Journal of Investigative Dermatology*, **2002**, 119, 850-7	4.3	107
21	Expression of the DX5 antigen on CD8+ T cells is associated with activation and subsequent cell death or memory during influenza virus infection. *European Journal of Immunology*, **2001**, 31, 1523-30	6.1	27
20	IL-2 down-regulates the expression of TCR and TCR-associated surface molecules on CD8(+) T cells. *European Journal of Immunology*, **2001**, 31, 3248-54	6.1	19
19	Cutting edge: Regulation of CD8(+) T cell proliferation by 2B4/CD48 interactions. *Journal of Immunology*, **2001**, 167, 6706-10	5.3	65
18	In vivo activation of dendritic cells and T cells during Salmonella enterica serovar Typhimurium infection. *Infection and Immunity*, **2001**, 69, 5726-35	3.7	104

17	A new method for in vitro expansion of cytotoxic human CD3-CD56+ natural killer cells. *Human Immunology*, **2001**, 62, 1092-8	2.3	106
16	Impaired immune responses and altered peptide repertoire in tapasin-deficient mice. *Nature Immunology*, **2000**, 1, 234-8	19.1	158
15	Direct NK cell-mediated lysis of syngenic dorsal root ganglia neurons in vitro. *Journal of Immunology*, **2000**, 165, 4895-900	5.3	43
14	CD8+ T cells rapidly acquire NK1.1 and NK cell-associated molecules upon stimulation in vitro and in vivo. *Journal of Immunology*, **2000**, 165, 3673-9	5.3	123
13	Emergence of CD8+ T cells expressing NK cell receptors in influenza A virus-infected mice. *Journal of Immunology*, **2000**, 165, 4964-9	5.3	94
12	Natural killer cells determine development of allergen-induced eosinophilic airway inflammation in mice. *Journal of Experimental Medicine*, **1999**, 189, 553-62	16.6	221
11	NK cell triggering by the human costimulatory molecules CD80 and CD86. *Journal of Immunology*, **1999**, 163, 4207-12	5.3	67
10	Fine tuning of natural killer cell specificity and maintenance of self tolerance in MHC class I-deficient mice. *European Journal of Immunology*, **1998**, 28, 1315-21	6.1	50
9	Triggering of natural killer cell mediated cytotoxicity by costimulatory molecules. *Current Topics in Microbiology and Immunology*, **1998**, 230, 53-61	3.3	9
8	Generation of CD8+ T cells specific for transporter associated with antigen processing deficient cells. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 11496-501	11.5	36
7	Constitutive macropinocytosis allows TAP-dependent major histocompatibility complex class I presentation of exogenous soluble antigen by bone marrow-derived dendritic cells. *European Journal of Immunology*, **1997**, 27, 280-8	6.1	291
6	Spread of measles virus through axonal pathways into limbic structures in the brain of TAP1 -/- mice. *Journal of Medical Virology*, **1997**, 52, 362-9	19.7	31
5	Triggering of natural killer cells by the costimulatory molecule CD80 (B7-1). *Immunity*, **1996**, 5, 311-7	32.3	206
4	TAP1-deficient mice select a CD8+ T cell repertoire that displays both diversity and peptide specificity. *European Journal of Immunology*, **1996**, 26, 288-93	6.1	39
3	Reproduction and sera embryotoxicity after immunization of monkeys with the laminin peptides YIGSR, RGD, and IKVAV. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 6818-22	11.5	18
2	The direct embryotoxicity of immunoglobulin G fractions from patients with systemic lupus erythematosus. *American Journal of Reproductive Immunology*, **1995**, 34, 349-55	3.8	7
1	Role of laminin autoantibodies on the embryo toxicity of sera from mercuric chloride treated brown Norway rats. *Reproductive Toxicology*, **1993**, 7, 333-41	3.4	8