Mitchell Kronenberg

List of Publications by Year
in descending order

290 papers	35,403 citations	2975 93 h-index	3650 180 g-index
304 all docs	304 docs citations	304 times ranked	23766 citing authors

#	Article	IF	Citations
1	Reciprocal T _H 17 and Regulatory T Cell Differentiation Mediated by Retinoic Acid. Science, 2007, 317, 256-260.	12.6	1,778
2	NKT cells: what's in a name?. Nature Reviews Immunology, 2004, 4, 231-237.	22.7	1,097
3	TOWARD AN UNDERSTANDING OF NKT CELL BIOLOGY: Progress and Paradoxes. Annual Review of Immunology, 2005, 23, 877-900.	21.8	917
4	Recognition of bacterial glycosphingolipids by natural killer T cells. Nature, 2005, 434, 520-525.	27.8	865
5	Tracking the Response of Natural Killer T Cells to a Glycolipid Antigen Using Cd1d Tetramers. Journal of Experimental Medicine, 2000, 192, 741-754.	8.5	818
6	Interleukin 10 acts on regulatory T cells to maintain expression of the transcription factor Foxp3 and suppressive function in mice with colitis. Nature Immunology, 2009, 10, 1178-1184.	14.5	731
7	The unconventional lifestyle of NKT cells. Nature Reviews Immunology, 2002, 2, 557-568.	22.7	692
8	Going both ways: Immune regulation via CD1d-dependent NKT cells. Journal of Clinical Investigation, 2004, 114, 1379-1388.	8.2	673
9	Essential role of NKT cells producing IL-4 and IL-13 in the development of allergen-induced airway hyperreactivity. Nature Medicine, 2003, 9, 582-588.	30.7	639
10	CD1d-mediated Recognition of an Î±-Galactosylceramide by Natural Killer T Cells Is Highly Conserved through Mammalian Evolution. Journal of Experimental Medicine, 1998, 188, 1521-1528.	8.5	597
11	Intravascular Immune Surveillance by CXCR6+ NKT Cells Patrolling Liver Sinusoids. PLoS Biology, 2005, 3, e113.	5.6	590
12	Impact of Genetic Polymorphisms on Human Immune Cell Gene Expression. Cell, 2018, 175, 1701-1715.e16.	28.9	588
13	Activation of natural killer T cells by Î±-galactosylceramide treatment prevents the onset and recurrence of autoimmune Type 1 diabetes. Nature Medicine, 2001, 7, 1057-1062.	30.7	585
14	Natural killer T cells recognize diacylglycerol antigens from pathogenic bacteria. Nature Immunology, 2006, 7, 978-986.	14.5	567
15	The natural killer T-cell ligand Î±-galactosylceramide prevents autoimmune diabetes in non-obese diabetic mice. Nature Medicine, 2001, 7, 1052-1056.	30.7	537
16	Constitutive Cytokine mRNAs Mark Natural Killer (NK) and NK T Cells Poised for Rapid Effector Function. Journal of Experimental Medicine, 2003, 198, 1069-1076.	8.5	536
17	Prolonged IFN-Î³â€“producing NKT response induced with Î±-galactosylceramideâ€“loaded DCs. Nature Immunology, 2002, 3, 867-874.	14.5	507
18	Specific Inhibition of Cyclooxygenase 2 Restores Antitumor Reactivity by Altering the Balance of IL-10 and IL-12 Synthesis. Journal of Immunology, 2000, 164, 361-370.	0.8	440

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19	Mouse T cell antigen receptor: Structure and organization of constant and joining gene segments encoding the Î² polypeptide. Cell, 1984, 37, 1101-1110.	28.9	422
20	The unique role of natural killer T cells in the response to microorganisms. Nature Reviews Microbiology, 2007, 5, 405-417.	28.6	405
21	Going both ways: Immune regulation via CD1d-dependent NKT cells. Journal of Clinical Investigation, 2004, 114, 1379-1388.	8.2	400
22	CD4+ Invariant T-Cellâ€“Receptor+ Natural Killer T Cells in Bronchial Asthma. New England Journal of Medicine, 2006, 354, 1117-1129.	27.0	388
23	NKT cells derive from double-positive thymocytes that are positively selected by CD1d. Nature Immunology, 2001, 2, 971-978.	14.5	356
24	Decline in CD28+ T cells in centenarians and in long-term T cell cultures: A possible cause for both in vivo and in vitro immunosenescence. Experimental Gerontology, 1994, 29, 601-609.	2.8	354
25	Natural Killer T Cell Ligand Î±-Galactosylceramide Enhances Protective Immunity Induced by Malaria Vaccines. Journal of Experimental Medicine, 2002, 195, 617-624.	8.5	321
26	The Mannose Receptor Delivers Lipoglycan Antigens to Endosomes for Presentation to T Cells by CD1b Molecules. Immunity, 1997, 6, 187-197.	14.3	320
27	Human NKT Cells Mediate Antitumor Cytotoxicity Directly by Recognizing Target Cell CD1d with Bound Ligand or Indirectly by Producing IL-2 to Activate NK Cells. Journal of Immunology, 2001, 167, 3114-3122.	0.8	315
28	Transcriptional reprogramming of mature CD4+ helper T cells generates distinct MHC class IIâ€“restricted cytotoxic T lymphocytes. Nature Immunology, 2013, 14, 281-289.	14.5	306
29	Schistosoma mansoni antigens modulate the activity of the innate immune response and prevent onset of type 1 diabetes. European Journal of Immunology, 2003, 33, 1439-1449.	2.9	304
30	The structure, rearrangement and expression of DÎ² gene segments of the murine T-cell antigen receptor. Nature, 1984, 311, 344-349.	27.8	299
31	Invariant natural killer T cells recognize glycolipids from pathogenic Gram-positive bacteria. Nature Immunology, 2011, 12, 966-974.	14.5	295
32	Immunization with Î±-galactosylceramide polarizes CD1-reactive NK T cells towards Th2 cytokine synthesis. European Journal of Immunology, 1999, 29, 2014-2025.	2.9	289
33	Cutting Edge: Invariant VÎ±14 NKT Cells Are Required for Allergen-Induced Airway Inflammation and Hyperreactivity in an Experimental Asthma Model. Journal of Immunology, 2003, 171, 1637-1641.	0.8	287
34	Homeostasis of VÎ±14i NKT cells. Nature Immunology, 2002, 3, 966-974.	14.5	281
35	Glycolipid Antigen Processing for Presentation by CD1d Molecules. Science, 2001, 291, 664-667.	12.6	279
36	Activation of Natural Killer T Cells Potentiates or Prevents Experimental Autoimmune Encephalomyelitis. Journal of Experimental Medicine, 2001, 194, 1789-1799.	8.5	279

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37	Glycolipid Antigen Drives Rapid Expansion and Sustained Cytokine Production by NK T Cells. Journal of Immunology, 2003, 171, 4020-4027.	0.8	273
38	Regulation of immunity by self-reactive T cells. Nature, 2005, 435, 598-604.	27.8	271
39	RAGE, carboxylated glycans and S100A8/A9 play essential roles in colitis-associated carcinogenesis. Carcinogenesis, 2008, 29, 2035-2043.	2.8	267
40	Altered Immune Responses in Interleukin 10 Transgenic Mice. Journal of Experimental Medicine, 1997, 185, 2101-2110.	8.5	261
41	Cross-presentation of Disialoganglioside GD3 to Natural Killer T Cells. Journal of Experimental Medicine, 2003, 198, 173-181.	8.5	257
42	Innate-like functions of natural killer T cell subsets result from highly divergent gene programs. Nature Immunology, 2016, 17, 728-739.	14.5	254
43	Tissue-specific functions of invariant natural killer T cells. Nature Reviews Immunology, 2018, 18, 559-574.	22.7	253
44	Invariant NKT Cells Amplify the Innate Immune Response to Lipopolysaccharide. Journal of Immunology, 2007, 178, 2706-2713.	0.8	244
45	T Cell Responses Modulated Through Interaction Between CD8alpha alpha and the Nonclassical MHC Class I Molecule, TL. Science, 2001, 294, 1936-1939.	12.6	242
46	Anti-Mitochondrial Antibodies and Primary Biliary Cirrhosis in TGF-Î² Receptor II Dominant-Negative Mice. Journal of Immunology, 2006, 177, 1655-1660.	0.8	239
47	The T cell receptor Î² chain genes are located on chromosome 6 in mice and chromosome 7 in humans. Cell, 1984, 37, 1091-1099.	28.9	225
48	Mouse VÎ±14inatural killer T cells are resistant to cytokine polarizationin vivo. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8395-8400.	7.1	222
49	Bacterial glycolipids and analogs as antigens for CD1d-restricted NKT cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1351-1356.	7.1	218
50	Constitutive Expression of LIGHT on T Cells Leads to Lymphocyte Activation, Inflammation, and Tissue Destruction. Journal of Immunology, 2001, 167, 6330-6337.	0.8	217
51	Quantitation and phenotypic analysis of natural killer T cells in primary biliary cirrhosis using a human CD1d tetramer. Gastroenterology, 2002, 123, 1031-1043.	1.3	216
52	The Identification of the Endogenous Ligands of Natural Killer T Cells Reveals the Presence of Mammalian Î±-Linked Glycosylceramides. Immunity, 2014, 41, 543-554.	14.3	207
53	IL-10â€“producing NKT10 cells are a distinct regulatory invariant NKT cell subset. Journal of Clinical Investigation, 2014, 124, 3725-3740.	8.2	207
54	Glycolipid activation of invariant T cell receptor ⁺ NK T cells is sufficient to induce airway hyperreactivity independent of conventional CD4 ⁺ T cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2782-2787.	7.1	206

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55	Production of Î±-Galactosylceramide by a Prominent Member of the Human Gut Microbiota. PLoS Biology, 2013, 11, e1001610.	5.6	200
56	Intestinal Microbes Affect Phenotypes and Functions of Invariant Natural Killer T Cells in Mice. Gastroenterology, 2012, 143, 418-428.	1.3	197
57	Precursors of Functional MHC Class I- or Class II-Restricted CD8Î±Î±+ T Cells Are Positively Selected in the Thymus by Agonist Self-Peptides. Immunity, 2002, 16, 355-364.	14.3	185
58	Rearrangement and transcription of the Î²-chain genes of the T-cell antigen receptor in different types of murine lymphocytes. Nature, 1985, 313, 647-653.	27.8	183
59	Molecular Interaction of CD1b with Lipoglycan Antigens. Immunity, 1998, 8, 331-340.	14.3	177
60	Mesenteric B cells centrally inhibit CD4⁺T cell colitis through interaction with regulatory T cell subsets. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2010-2015.	7.1	177
61	Retinoic Acid Can Directly Promote TGF-Î²-Mediated Foxp3+ Treg Cell Conversion of Naive T Cells. Immunity, 2009, 30, 471-472.	14.3	171
62	Unconventional ligand activation of herpesvirus entry mediator signals cell survival. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6244-6249.	7.1	165
63	Disruption of T helper 2-immune responses in Epsteinâ€“Barr virus-induced gene 3-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16951-16956.	7.1	156
64	Cutaneous Immunization Rapidly Activates Liver Invariant VÎ±14 NKT Cells Stimulating B-1 B Cells to Initiate T Cell Recruitment for Elicitation of Contact Sensitivity. Journal of Experimental Medicine, 2003, 198, 1785-1796.	8.5	154
65	CD4+ CD25+ T cells responding to serologically defined autoantigens suppress antitumor immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10902-10906.	7.1	152
66	Cutting Edge: The Mechanism of Invariant NKT Cell Responses to Viral Danger Signals. Journal of Immunology, 2008, 181, 4452-4456.	0.8	152
67	The Î±Î² T Cell Response to Self-Glycolipids Shows a Novel Mechanism of CD1b Loading and a Requirement for Complex Oligosaccharides. Immunity, 2000, 13, 255-264.	14.3	144
68	Microsomal triglyceride transfer protein lipidation and control of CD1d on antigen-presenting cells. Journal of Experimental Medicine, 2005, 202, 529-539.	8.5	142
69	Binding and Antigen Presentation of Ceramide-Containing Glycolipids by Soluble Mouse and Human Cd1d Molecules. Journal of Experimental Medicine, 1999, 190, 1069-1080.	8.5	139
70	Hepatic Stellate Cells Function as Regulatory Bystanders. Journal of Immunology, 2011, 186, 5549-5555.	0.8	135
71	Design of natural killer T cell activators: Structure and function of a microbial glycosphingolipid bound to mouse CD1d. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3972-3977.	7.1	134
72	Mouse TCRÎ±Î²+CD8Î±Î± Intraepithelial Lymphocytes Express Genes That Down-Regulate Their Antigen Reactivity and Suppress Immune Responses. Journal of Immunology, 2007, 178, 4230-4239.	0.8	132

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73	Activation of natural killer T cells in NZB/W mice induces Th1-type immune responses exacerbating lupus. Journal of Clinical Investigation, 2003, 112, 1211-1222.	8.2	130
74	Apolipoprotein AI prevents regulatory to follicular helper T cell switching during atherosclerosis. Nature Communications, 2018, 9, 1095.	12.8	129
75	Antigen-Specific Cytotoxicity by Invariant NKT Cells In Vivo Is CD95/CD178-Dependent and Is Correlated with Antigenic Potency. Journal of Immunology, 2010, 185, 2721-2729.	0.8	123
76	CD1d-expressing Dendritic Cells but Not Thymic Epithelial Cells Can Mediate Negative Selection of NKT Cells. Journal of Experimental Medicine, 2003, 197, 907-918.	8.5	122
77	T Cell Intrinsic Heterodimeric Complexes between HVEM and BTLA Determine Receptivity to the Surrounding Microenvironment. Journal of Immunology, 2009, 183, 7286-7296.	0.8	121
78	HVEM signalling at mucosal barriers provides host defence against pathogenic bacteria. Nature, 2012, 488, 222-225.	27.8	121
79	TSC1 regulates the balance between effector and regulatory T cells. Journal of Clinical Investigation, 2013, 123, 5165-5178.	8.2	120
80	The VÎ±14 NKT Cell TCR Exhibits High-Affinity Binding to a Glycolipid/CD1d Complex. Journal of Immunology, 2002, 169, 1340-1348.	0.8	119
81	Cutting Edge: CD4+CD25+ Regulatory T Cells Impaired for Intestinal Homing Can Prevent Colitis. Journal of Immunology, 2005, 174, 7487-7491.	0.8	119
82	Commensal Microbiota and CD8+ T Cells Shape the Formation of Invariant NKT Cells. Journal of Immunology, 2010, 184, 1218-1226.	0.8	119
83	A crucial role for HVEM and BTLA in preventing intestinal inflammation. Journal of Experimental Medicine, 2008, 205, 1463-1476.	8.5	118
84	Protein kinase C-Î· controls CTLA-4â€“mediated regulatory T cell function. Nature Immunology, 2014, 15, 465-472.	14.5	118
85	NIK-dependent RelB Activation Defines a Unique Signaling Pathway for the Development of VÎ±14i NKT Cells. Journal of Experimental Medicine, 2003, 197, 1623-1633.	8.5	115
86	Crystal Structure of Mouse CD1d Bound to the Self Ligand Phosphatidylcholine: A Molecular Basis for NKT Cell Activation. Journal of Immunology, 2005, 175, 977-984.	0.8	114
87	Natural killer T cells: natural or unnatural regulators of autoimmunity?. Current Opinion in Immunology, 2003, 15, 683-689.	5.5	111
88	Mechanisms for Glycolipid Antigen-Driven Cytokine Polarization by VÎ±14i NKT Cells. Journal of Immunology, 2010, 184, 141-153.	0.8	108
89	Natural killer T cells exacerbate liver injury in a transforming growth factor Î² receptor II dominant-negative mouse model of primary biliary cirrhosis. Hepatology, 2008, 47, 571-580.	7.3	106
90	IL-10-producing intestinal macrophages prevent excessive antibacterial innate immunity by limiting IL-23 synthesis. Nature Communications, 2015, 6, 7055.	12.8	103

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91	Targeted delivery of lipid antigen to macrophages via the CD169/sialoadhesin endocytic pathway induces robust invariant natural killer T cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7826-7831.	7.1	101
92	The Adaptor Protein AP-3 Is Required for CD1d-Mediated Antigen Presentation of Glycosphingolipids and Development of VÎ±14i NKT Cells. Journal of Experimental Medicine, 2003, 198, 1133-1146.	8.5	99
93	Invariant NKT cells are required for airway inflammation induced by environmental antigens. Journal of Experimental Medicine, 2011, 208, 1151-1162.	8.5	97
94	The Crohn's Disease-Associated Bacterial Protein I2 Is a Novel Enteric T Cell Superantigen. Immunity, 2001, 15, 149-158.	14.3	96
95	Lipid binding orientation within CD1d affects recognition of Borrelia burgorferi antigens by NKT cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1535-1540.	7.1	91
96	The T cell antigen receptor expressed by VÂ14i NKT cells has a unique mode of glycosphingolipid antigen recognition. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12254-12259.	7.1	90
97	Activation and Function of iNKT and MAIT Cells. Advances in Immunology, 2015, 127, 145-201.	2.2	90
98	The Crystal Structure of a TL/CD8Î±Î± Complex at 2.1 Ã... Resolution. Immunity, 2003, 18, 205-215.	14.3	88
99	Regulation of inflammation, autoimmunity, and infection immunity by HVEM-BTLA signaling. Journal of Leukocyte Biology, 2010, 89, 517-523.	3.3	88
100	Synthesis and Evaluation of Sphinganine Analogues of KRN7000 and OCH. Journal of Organic Chemistry, 2005, 70, 10260-10270.	3.2	87
101	NKT cells prevent chronic joint inflammation after infection withBorrelia burgdorferi. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19863-19868.	7.1	85
102	CD1-mediated immune responses to glycolipids. Current Opinion in Immunology, 1999, 11, 326-331.	5.5	84
103	Exosome-like Nanoparticles from Intestinal Mucosal Cells Carry Prostaglandin E2 and Suppress Activation of Liver NKT Cells. Journal of Immunology, 2013, 190, 3579-3589.	0.8	82
104	The VÎ±14 invariant natural killer T cell TCR forces microbial glycolipids and CD1d into a conserved binding mode. Journal of Experimental Medicine, 2010, 207, 2383-2393.	8.5	78
105	Antigens recognized by Î»Î´ T cells. Current Opinion in Immunology, 1994, 6, 64-71.	5.5	76
106	CD1 tetramers: a powerful tool for the analysis of glycolipid-reactive T cells. Journal of Immunological Methods, 2002, 268, 107-121.	1.4	75
107	Lack of Chemokine Receptor CCR5 Promotes Murine Fulminant Liver Failure by Preventing the Apoptosis of Activated CD1d-Restricted NKT Cells. Journal of Immunology, 2005, 174, 8027-8037.	0.8	75
108	Activation or anergy: NKT cells are stunned by Â-galactosylceramide. Journal of Clinical Investigation, 2005, 115, 2328-2329.	8.2	75

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109	Antigen-Dependent versus -Independent Activation of Invariant NKT Cells during Infection. Journal of Immunology, 2014, 192, 5490-5498.	0.8	74
110	The HVEM-BTLA Axis Restrains T Cell Help to Germinal Center B Cells and Functions as a Cell-Extrinsic Suppressor in Lymphomagenesis. Immunity, 2019, 51, 310-323.e7.	14.3	74
111	Expansion of human VÎ±24+ NKT cells by repeated stimulation with KRN7000. Journal of Immunological Methods, 2004, 285, 197-214.	1.4	73
112	VÎ±14i NKT Cells Are Innate Lymphocytes That Participate in the Immune Response to Diverse Microbes. Journal of Clinical Immunology, 2005, 25, 522-533.	3.8	73
113	Cutting Edge: Activation by Innate Cytokines or Microbial Antigens Can Cause Arrest of Natural Killer T Cell Patrolling of Liver Sinusoids. Journal of Immunology, 2008, 180, 2024-2028.	0.8	73
114	Activation of Invariant NKT Cells Ameliorates Experimental Ocular Autoimmunity by A Mechanism Involving Innate IFN-Î³ Production and Dampening of the Adaptive Th1 and Th17 Responses. Journal of Immunology, 2008, 181, 4791-4797.	0.8	70
115	Thymic differentiation of TCRÎ±Î²+CD8Î±Î±+IELs. Immunological Reviews, 2007, 215, 178-188.	6.0	68
116	Î±Î²T Cell Receptors Expressed by CD4â^'CD8Î±Î²â^' Intraepithelial T Cells Drive Their Fate into a Unique Lineage with Unusual MHC Reactivities. Immunity, 2014, 41, 207-218.	14.3	68
117	Innate-like recognition of microbes by invariant natural killer T cells. Current Opinion in Immunology, 2009, 21, 391-396.	5.5	67
118	Transcriptional regulator Id2 controls survival of hepatic NKT cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19461-19466.	7.1	65
119	Mechanisms of NKT cell anergy induction involve Cbl-b-promoted monoubiquitination of CARMA1. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17847-17851.	7.1	65
120	Invariant NKT Cells Require Autophagy To Coordinate Proliferation and Survival Signals during Differentiation. Journal of Immunology, 2015, 194, 5872-5884.	0.8	64
121	Mucosal memory CD8+ T cells are selected in the periphery by an MHC class I molecule. Nature Immunology, 2011, 12, 1086-1095.	14.5	63
122	Promoter-interacting expression quantitative trait loci are enriched for functional genetic variants. Nature Genetics, 2021, 53, 110-119.	21.4	62
123	BTLA Interaction with HVEM Expressed on CD8+ T Cells Promotes Survival and Memory Generation in Response to a Bacterial Infection. PLoS ONE, 2013, 8, e77992.	2.5	62
124	An Opposite Pattern of Selection of a Single T Cell Antigen Receptor in the Thymus and among Intraepithelial Lymphocytes. Journal of Experimental Medicine, 1998, 188, 255-265.	8.5	61
125	An Anti-Inflammatory Role for VÎ±14 NK T cells inMycobacterium bovisBacillus Calmette-Guèrin-Infected Mice. Journal of Immunology, 2003, 171, 1961-1968.	0.8	61
126	Natural Sphingomonas Glycolipids Vary Greatly in Their Ability to Activate Natural Killer T Cells. Chemistry and Biology, 2008, 15, 654-664.	6.0	61

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127	Membrane Lymphotoxin Is Required for the Development of Different Subpopulations of NK T Cells. Journal of Immunology, 2000, 165, 671-679.	0.8	60
128	Loss of T Cell and B Cell Quiescence Precedes the Onset of Microbial Flora-Dependent Wasting Disease and Intestinal Inflammation in Gimap5-Deficient Mice. Journal of Immunology, 2010, 184, 3743-3754.	0.8	60
129	A Novel Role for IL-27 in Mediating the Survival of Activated Mouse CD4 T Lymphocytes. Journal of Immunology, 2013, 190, 1510-1518.	0.8	60
130	Prevention of experimental autoimmune arthritis with a peptide fragment of type II collagen. European Journal of Immunology, 1993, 23, 591-599.	2.9	58
131	Co-receptor choice by VÎ±14i NKT cells is driven by Th-POK expression rather than avoidance of CD8-mediated negative selection. Journal of Experimental Medicine, 2010, 207, 1015-1029.	8.5	57
132	A new mouse strain for the analysis of invariant NKT cell function. Nature Immunology, 2015, 16, 799-800.	14.5	57
133	Systemic Activation and Antigen-Driven Oligoclonal Expansion of T Cells in a Mouse Model of Colitis. Journal of Immunology, 2000, 164, 2797-2806.	0.8	56
134	Presentation of self and microbial lipids by CD1 molecules. Current Opinion in Immunology, 2001, 13, 19-25.	5.5	56
135	Intrathymic NKT cell development is blocked by the presence of Î±-galactosylceramide. European Journal of Immunology, 2003, 33, 1816-1823.	2.9	56
136	Helicobacter pylori Cholesteryl Î±-Glucosides Contribute to Its Pathogenicity and Immune Response by Natural Killer T Cells. PLoS ONE, 2013, 8, e78191.	2.5	56
137	Altered thymic differentiation and modulation of arthritis by invariant NKT cells expressing mutant ZAP70. Nature Communications, 2018, 9, 2627.	12.8	55
138	ImmGen at 15. Nature Immunology, 2020, 21, 700-703.	14.5	55
139	Diverse Endogenous Antigens for Mouse NKT Cells: Self-Antigens That Are Not Glycosphingolipids. Journal of Immunology, 2011, 186, 1348-1360.	0.8	54
140	Distinct Requirements for Activation of NKT and NK Cells during Viral Infection. Journal of Immunology, 2014, 192, 3676-3685.	0.8	54
141	Interleukin-27 Receptor Limits Atherosclerosis in Ldlr ^{â^'/â^'} Mice. Circulation Research, 2012, 111, 1274-1285.	4.5	53
142	The Mouse CD1d Cytoplasmic Tail Mediates CD1d Trafficking and Antigen Presentation by Adaptor Protein 3-Dependent and -Independent Mechanisms. Journal of Immunology, 2005, 174, 3179-3186.	0.8	52
143	CD1 mediated T cell recognition of glycolipids. Current Opinion in Structural Biology, 2007, 17, 521-529.	5.7	52
144	The transcription factor Th-POK negatively regulates Th17 differentiation in VÎ±14i NKT cells. Blood, 2012, 120, 4524-4532.	1.4	52

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145	The Tumor Necrosis Factor Family Member TNFSF14 (LIGHT) Is Required for Resolution of Intestinal Inflammation in Mice. Gastroenterology, 2014, 146, 1752-1762.e4.	1.3	52
146	Restriction fragment length polymorphisms of the mouse T-cell receptor gene families. Immunogenetics, 1989, 29, 191-201.	2.4	51
147	Reduced expression of phosphatase PTPN2 promotes pathogenic conversion of Tregs in autoimmunity. Journal of Clinical Investigation, 2019, 129, 1193-1210.	8.2	51
148	Syntheses of Biotinylated Î±-Galactosylceramides and Their Effects on the Immune System and CD1 Molecules. Journal of Medicinal Chemistry, 1999, 42, 1836-1841.	6.4	50
149	Crucial amino acid residues of mouse CD1d for glycolipid ligand presentation to VÎ±14 NKT cells. International Immunology, 2001, 13, 853-861.	4.0	50
150	On the road: progress in finding the unique pathway of invariant NKT cell differentiation. Current Opinion in Immunology, 2007, 19, 186-193.	5.5	50
151	Role of NKT cells in the digestive system. IV. The role of canonical natural killer T cells in mucosal immunity and inflammation. American Journal of Physiology - Renal Physiology, 2008, 294, G1-G8.	3.4	50
152	Systemic NKT cell deficiency in NOD mice is not detected in peripheral blood: implications for human studies. Immunology and Cell Biology, 2004, 82, 247-252.	2.3	49
153	<scp>OMIP</scp>â€030: Characterization of human <scp>T</scp> cell subsets via surface markers. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 1067-1069.	1.5	49
154	B cells are anergic in transgenic mice that express IgM anti-DNA antibodies. European Journal of Immunology, 1993, 23, 2332-2339.	2.9	48
155	Activation of Natural Killer T Cells by Glycolipids. Methods in Enzymology, 2006, 417, 185-201.	1.0	48
156	The role of invariant natural killer T cells in microbial immunity. Journal of Infection and Chemotherapy, 2013, 19, 560-570.	1.7	48
157	The Murine Nonclassical Class I Major Histocompatibility Complexâ€"like CD1.1 Molecule Protects Target Cells from Lymphokine-activated Killer Cell Cytolysis. Journal of Experimental Medicine, 1999, 189, 483-491.	8.5	45
158	Synthesis and evaluation of 3â€³- and 4â€³-deoxy and -fluoro analogs of the immunostimulatory glycolipid, KRN7000. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4122-4125.	2.2	44
159	Salmonella typhimurium infection halts development of type 1 diabetes in NOD mice. European Journal of Immunology, 2004, 34, 3246-3256.	2.9	43
160	A CD1d-Dependent Antagonist Inhibits the Activation of Invariant NKT Cells and Prevents Development of Allergen-Induced Airway Hyperreactivity. Journal of Immunology, 2010, 184, 2107-2115.	0.8	43
161	Unique Interplay between Sugar and Lipid in Determining the Antigenic Potency of Bacterial Antigens for NKT Cells. PLoS Biology, 2011, 9, e1001189.	5.6	43
162	Organization of the V Gene Segments in Mouse T-Cell Antigen Receptor Î±/Î´ Locus. Genomics, 1994, 20, 419-428.	2.9	42

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163	ICOS costimulates invariant NKT cell activation. Biochemical and Biophysical Research Communications, 2005, 327, 201-207.	2.1	42
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