Luc Van Kaer

List of Publications by Year
in descending order

275 papers	28,650 citations	6840 81 h-index	6686 161 g-index
282 all docs	282 docs citations	282 times ranked	33845 citing authors

#	Article	IF	Citations
1	Dendritic cell PIK3C3/VPS34 controls the pathogenicity of CNS autoimmunity independently of LC3-associated phagocytosis. Autophagy, 2022, 18, 161-170.	4.3	6
2	Adipose invariant NKT cells interact with CD1dâ€expressing macrophages to regulate obesityâ€related inflammation. Immunology, 2022, 165, 414-427.	2.0	3
3	Innate and Innate-like Effector Lymphocytes in Health and Disease. Journal of Immunology, 2022, 209, 199-207.	0.4	14
4	Pik3c3 deficiency in myeloid cells imparts partial resistance to experimental autoimmune encephalomyelitis associated with reduced IL-1Î² production. Cellular and Molecular Immunology, 2021, 18, 2024-2039.	4.8	12
5	Autophagy-related protein PIK3C3/VPS34 controls T cell metabolism and function. Autophagy, 2021, 17, 1193-1204.	4.3	44
6	Selective Expansion of Double-Negative iNKT Cells Inhibits the Development of Atopic Dermatitis in VÎ±14 TCR Transgenic NC/Nga Mice by Increasing Memory-Type CD8+ T and Regulatory CD4+ T Cells. Journal of Investigative Dermatology, 2021, 141, 1512-1521.	0.3	13
7	Neuroblast senescence in the aged brain augments natural killer cell cytotoxicity leading to impaired neurogenesis and cognition. Nature Neuroscience, 2021, 24, 61-73.	7.1	93
8	Cellular selfâ€cannibalism helps immune cells fight the flu. FEBS Journal, 2021, 288, 3154-3158.	2.2	0
9	Ubiquitous Overexpression of Chromatin Remodeling Factor SRG3 Exacerbates Atopic Dermatitis in NC/Nga Mice by Enhancing Th2 Immune Responses. International Journal of Molecular Sciences, 2021, 22, 1553.	1.8	7
10	Chromatin Regulator SRG3 Overexpression Protects against LPS/D-GalN-Induced Sepsis by Increasing IL10-Producing Macrophages and Decreasing IFNÎ³-Producing NK Cells in the Liver. International Journal of Molecular Sciences, 2021, 22, 3043.	1.8	7
11	Therapeutic Targeting of Immune Cell Autophagy in Multiple Sclerosis: Russian Roulette or Silver Bullet?. Frontiers in Immunology, 2021, 12, 724108.	2.2	7
12	CD1d-Dependent iNKT Cells Control DSS-Induced Colitis in a Mouse Model of IFNÎ³-Mediated Hyperinflammation by Increasing IL22-Secreting ILC3 Cells. International Journal of Molecular Sciences, 2021, 22, 1250.	1.8	11
13	Repeated Î±-GalCer Administration Induces a Type 2 Cytokine-Biased iNKT Cell Response and Exacerbates Atopic Skin Inflammation in VÎ±14Tg NC/Nga Mice. Biomedicines, 2021, 9, 1619.	1.4	10
14	Preface: Unconventional T Cells in Health and Disease. Critical Reviews in Immunology, 2021, , .	1.0	1
15	Natural Killer T Lymphocytes Integrate Innate Sensory Information and Relay Context to Effector Immune Responses. Critical Reviews in Immunology, 2021, 41, 55-88.	1.0	6
16	Survivre et vivre: When iNKT cells met a Hippo. Journal of Experimental Medicine, 2020, 217, .	4.2	2
17	Luteolin-mediated Kv1.3 K+ channel inhibition augments BCG vaccine efficacy against tuberculosis by promoting central memory T cell responses in mice. PLoS Pathogens, 2020, 16, e1008887.	2.1	12
18	PIK3C3/VPS34 links T-cell autophagy to autoimmunity. Cell Death and Disease, 2020, 11, 334.	2.7	5

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19	Clofazimine enhances the efficacy of BCG revaccination via stem cell-like memory T cells. PLoS Pathogens, 2020, 16, e1008356.	2.1	17
20	Nur77 controls tolerance induction, terminal differentiation, and effector functions in semi-invariant natural killer T cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17156-17165.	3.3	17
21	Fluctuations of Spleen Cytokine and Blood Lactate, Importance of Cellular Immunity in Host Defense Against Blood Stage Malaria Plasmodium yoelii. Frontiers in Immunology, 2019, 10, 2207.	2.2	6
22	IL-10â€“producing B cells are enriched in murine pericardial adipose tissues and ameliorate the outcome of acute myocardial infarction. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21673-21684.	3.3	62
23	Editorial: Role of CD1- and MR1-Restricted T Cells in Immunity and Disease. Frontiers in Immunology, 2019, 10, 1837.	2.2	12
24	Curcumin Nanoparticles Enhance Mycobacterium bovis BCG Vaccine Efficacy by Modulating Host Immune Responses. Infection and Immunity, 2019, 87, .	1.0	22
25	Innate, innate-like and adaptive lymphocytes in the pathogenesis of MS and EAE. Cellular and Molecular Immunology, 2019, 16, 531-539.	4.8	85
26	iNKT Cell Activation Exacerbates the Development of Huntingtonâ€™s Disease in R6/2 Transgenic Mice. Mediators of Inflammation, 2019, 2019, 1-10.	1.4	8
27	What one lipid giveth, another taketh away. Nature Immunology, 2019, 20, 1559-1561.	7.0	1
28	Allicin enhances antimicrobial activity of macrophages during Mycobacterium tuberculosis infection. Journal of Ethnopharmacology, 2019, 243, 111634.	2.0	45
29	Role of autophagy in MHC class I-restricted antigen presentation. Molecular Immunology, 2019, 113, 2-5.	1.0	36
30	Mycobacterium tuberculosis programs mesenchymal stem cells to establish dormancy and persistence. Journal of Clinical Investigation, 2019, 130, 655-661.	3.9	37
31	Development, Homeostasis, and Functions of Intestinal Intraepithelial Lymphocytes. Journal of Immunology, 2018, 200, 2235-2244.	0.4	70
32	IL-33 promotes the egress of group 2 innate lymphoid cells from the bone marrow. Journal of Experimental Medicine, 2018, 215, 263-281.	4.2	153
33	PD-1 up-regulation on CD4 ⁺ T cells promotes pulmonary fibrosis through STAT3-mediated IL-17A and TGF-Î²1 production. Science Translational Medicine, 2018, 10, .	5.8	225
34	The Role of Autophagy in iNKT Cell Development. Frontiers in Immunology, 2018, 9, 2653.	2.2	20
35	iNKT Cells Suppress Pathogenic NK1.1+CD8+ T Cells in DSS-Induced Colitis. Frontiers in Immunology, 2018, 9, 2168.	2.2	16
36	How Superantigens Bind MHC. Journal of Immunology, 2018, 201, 1817-1818.	0.4	2

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37	Therapeutic Potential of Invariant Natural Killer T Cells in Autoimmunity. Frontiers in Immunology, 2018, 9, 519.	2.2	51
38	Graphene oxide polarizes iNKT cells for production of TGFÎ² and attenuates inflammation in an iNKT cell-mediated sepsis model. Scientific Reports, 2018, 8, 10081.	1.6	28
39	Intestinal Intraepithelial Lymphocytes: Sentinels of the Mucosal Barrier. Trends in Immunology, 2018, 39, 264-275.	2.9	193
40	Innate CD8Î±Î±+ lymphocytes enhance anti-CD40 antibody-mediated colitis in mice. Immunity, Inflammation and Disease, 2017, 5, 109-123.	1.3	14
41	Reply to Levis and Rendini. Journal of Infectious Diseases, 2017, 215, 1488-1489.	1.9	2
42	A Novel Mouse Model of iNKT Cell-deficiency Generated by CRISPR/Cas9 Reveals a Pathogenic Role of iNKT Cells in Metabolic Disease. Scientific Reports, 2017, 7, 12765.	1.6	13
43	Autophagy-related protein Vps34 controls the homeostasis and function of antigen cross-presenting CD8Î± ⁺ dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6371-E6380.	3.3	55
44	NF-Î°B Protects NKT Cells from Tumor Necrosis Factor Receptor 1-induced Death. Scientific Reports, 2017, 7, 15594.	1.6	8
45	The Phytochemical Bergenin Enhances T Helper 1 Responses and Anti-Mycobacterial Immunity by Activating the MAP Kinase Pathway in Macrophages. Frontiers in Cellular and Infection Microbiology, 2017, 7, 149.	1.8	25
46	Nanoparticle-Formulated Curcumin Prevents Posttherapeutic Disease Reactivation and Reinfection with Mycobacterium tuberculosis following Isoniazid Therapy. Frontiers in Immunology, 2017, 8, 739.	2.2	48
47	Natural Killer T Cells: An Ecological Evolutionary Developmental Biology Perspective. Frontiers in Immunology, 2017, 8, 1858.	2.2	56
48	Blockade of the Kv1.3 K⁺Channel Enhances BCG Vaccine Efficacy by Expanding Central Memory T Lymphocytes. Journal of Infectious Diseases, 2016, 214, 1456-1464.	1.9	30
49	Mechanisms and Consequences of Antigen Presentation by CD1. Trends in Immunology, 2016, 37, 738-754.	2.9	28
50	Peripheral tolerance can be modified by altering KLF2-regulated Treg migration. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4662-70.	3.3	37
51	Enterogenous bacterial glycolipids are required for the generation of natural killer T cells mediated liver injury. Scientific Reports, 2016, 6, 36365.	1.6	43
52	Adipocyte-specific CD1d-deficiency mitigates diet-induced obesity and insulin resistance in mice. Scientific Reports, 2016, 6, 28473.	1.6	51
53	Invariant natural killer T cells play dual roles in the development of experimental autoimmune uveoretinitis. Experimental Eye Research, 2016, 153, 79-89.	1.2	11
54	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701

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55	Neural stem cells sustain natural killer cells that dictate recovery from brain inflammation. Nature Neuroscience, 2016, 19, 243-252.	7.1	96
56	Natural killer T cells in multiple sclerosis and its animal model, experimental autoimmune encephalomyelitis. Immunology, 2015, 146, 1-10.	2.0	26
57	Innate and virtual memory TÂcells in man. European Journal of Immunology, 2015, 45, 1916-1920.	1.6	24
58	The Response of CD1d-Restricted Invariant NKT Cells to Microbial Pathogens and Their Products. Frontiers in Immunology, 2015, 6, 226.	2.2	62
59	Bee venom stirs up buzz in antigen presentation. Journal of Experimental Medicine, 2015, 212, 126-126.	4.2	3
60	Mycobacterium tuberculosis TlyA Protein Negatively Regulates T Helper (Th) 1 and Th17 Differentiation and Promotes Tuberculosis Pathogenesis. Journal of Biological Chemistry, 2015, 290, 14407-14417.	1.6	35
61	Strategies to improve BCG vaccine efficacy. Immunotherapy, 2015, 7, 945-948.	1.0	12
62	Endothelial JAM-A Promotes Reovirus Viremia and Bloodstream Dissemination. Journal of Infectious Diseases, 2015, 211, 383-393.	1.9	27
63	iCD8Î± cells: living at the edge of the intestinal immune system. Oncotarget, 2015, 6, 19964-19965.	0.8	4
64	Small Molecule-directed Immunotherapy against Recurrent Infection by Mycobacterium tuberculosis. Journal of Biological Chemistry, 2014, 289, 16508-16515.	1.6	39
65	Simultaneous Inhibition of T Helper 2 and T Regulatory Cell Differentiation by Small Molecules Enhances Bacillus Calmette-Guerin Vaccine Efficacy against Tuberculosis. Journal of Biological Chemistry, 2014, 289, 33404-33411.	1.6	41
66	Activation of the Epidermal Growth Factor Receptor in Macrophages Regulates Cytokine Production and Experimental Colitis. Journal of Immunology, 2014, 192, 1013-1023.	0.4	80
67	Spleen supports a pool of innate-like B cells in white adipose tissue that protects against obesity-associated insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4638-47.	3.3	59
68	Isoniazid Induces Apoptosis Of Activated CD4+ T Cells. Journal of Biological Chemistry, 2014, 289, 30190-30195.	1.6	51
69	CD8Î±Î± + Innate-Type Lymphocytes in the Intestinal Epithelium Mediate Mucosal Immunity. Immunity, 2014, 41, 451-464.	6.6	57
70	Targeted colonic claudin-2 expression renders resistance to epithelial injury, induces immune suppression, and protects from colitis. Mucosal Immunology, 2014, 7, 1340-1353.	2.7	126
71	A dihydro-pyrido-indole potently inhibits HSV-1 infection by interfering the viral immediate early transcriptional events. Antiviral Research, 2014, 105, 126-134.	1.9	50
72	Mycobacterium tuberculosis Subverts the TLR-2 - MyD88 Pathway to Facilitate Its Translocation into the Cytosol. PLoS ONE, 2014, 9, e86886.	1.1	46

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73	Invariant natural killer T cells as sensors and managers of inflammation. Trends in Immunology, 2013, 34, 50-58.	2.9	89
74	STAT6 Deficiency Ameliorates Severity of Oxazolone Colitis by Decreasing Expression of Claudin-2 and Th2-Inducing Cytokines. Journal of Immunology, 2013, 190, 1849-1858.	0.4	75
75	Natural killer T cells are required for lipopolysaccharide-mediated enhancement of atherosclerosis in apolipoprotein E-deficient mice. Immunobiology, 2013, 218, 561-569.	0.8	18
76	Mycobacterium tuberculosis Controls MicroRNA-99b (miR-99b) Expression in Infected Murine Dendritic Cells to Modulate Host Immunity. Journal of Biological Chemistry, 2013, 288, 5056-5061.	1.6	146
77	Sculpting MHC class IIâ€“restricted self and nonâ€self peptidome by the class I Agâ€processing machinery and its impact on Thâ€cell responses. European Journal of Immunology, 2013, 43, 1162-1172.	1.6	8
78	Contribution of lipid-reactive natural killer T cells to obesity-associated inflammation and insulin resistance. Adipocyte, 2013, 2, 12-16.	1.3	28
79	Activated Invariant NKT Cells Control Central Nervous System Autoimmunity in a Mechanism That Involves Myeloid-Derived Suppressor Cells. Journal of Immunology, 2013, 190, 1948-1960.	0.4	57
80	Impaired Autophagy, Defective T Cell Homeostasis, and a Wasting Syndrome in Mice with a T Cellâ€“Specific Deletion of Vps34. Journal of Immunology, 2013, 190, 5086-5101.	0.4	128
81	ERAAP and Tapasin Independently Edit the Amino and Carboxyl Termini of MHC Class I Peptides. Journal of Immunology, 2013, 191, 1547-1555.	0.4	29
82	In Vitro Induction of Regulatory CD4+CD8Î±+ T Cells by TGF-Î², IL-7 and IFN-Î³. PLoS ONE, 2013, 8, e67821.	1.1	18
83	CD4+ T Cell-derived Novel Peptide Thp5 Induces Interleukin-4 Production in CD4+ T Cells to Direct T Helper 2 Cell Differentiation. Journal of Biological Chemistry, 2012, 287, 2830-2835.	1.6	12
84	Activation of invariant natural killer T cells by lipid excess promotes tissue inflammation, insulin resistance, and hepatic steatosis in obese mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1143-52.	3.3	160
85	Mycobacterium tuberculosis Directs T Helper 2 Cell Differentiation by Inducing Interleukin-1Î² Production in Dendritic Cells. Journal of Biological Chemistry, 2012, 287, 33656-33663.	1.6	41
86	Transforming Growth Factor-Î² Protein Inversely Regulates in Vivo Differentiation of Interleukin-17 (IL-17)-producing CD4+ and CD8+ T Cells. Journal of Biological Chemistry, 2012, 287, 2943-2947.	1.6	14
87	Prostanoid Receptor 2 Signaling Protects T Helper 2 Cells from BALB/c Mice against Activation-induced Cell Death. Journal of Biological Chemistry, 2012, 287, 25434-25439.	1.6	5
88	Tu1874 STAT6 Contributes to Sustaining Oxazolone-Induced Colitis in Mice. Gastroenterology, 2012, 142, S-866-S-867.	0.6	0
89	An Important Role of Prostanoid Receptor EP2 in Host Resistance to Mycobacterium tuberculosis Infection in Mice. Journal of Infectious Diseases, 2012, 206, 1816-1825.	1.9	43
90	<scp>NK</scp> Cells Inhibit <scp>T</scp>â€betâ€deficient, Autoreactive <scp>T</scp>h17 <scp>C</scp>ells. Scandinavian Journal of Immunology, 2012, 76, 559-566.	1.3	5

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91	Natural Killer T Cells as Targets for Therapeutic Intervention in Autoimmune Diseases. , 2012, , 451-484.		0
92	KSR1 Protects From Interleukin-10 Deficiency-Induced Colitis in Mice by Suppressing T-Lymphocyte Interferon-Î³ Production. Gastroenterology, 2011, 140, 265-274.	0.6	25
93	NKT cell costimulation: experimental progress and therapeutic promise. Trends in Molecular Medicine, 2011, 17, 65-77.	3.5	55
94	Glatiramer acetate for treatment of MS: Regulatory B cells join the cast of players. Experimental Neurology, 2011, 227, 19-23.	2.0	15
95	Natural killer T cells in health and disease. Frontiers in Bioscience - Scholar, 2011, S3, 236-251.	0.8	61
96	Engagement of glycosylphosphatidylinositol-anchored proteins results in enhanced mouse and human invariant natural killer T cell responses. Immunology, 2011, 132, 361-375.	2.0	10
97	Organ-specific features of natural killer cells. Nature Reviews Immunology, 2011, 11, 658-671.	10.6	332
98	IL-15 Regulates Homeostasis and Terminal Maturation of NKT Cells. Journal of Immunology, 2011, 187, 6335-6345.	0.4	139
99	Invariant natural killer T cells: bridging innate and adaptive immunity. Cell and Tissue Research, 2011, 343, 43-55.	1.5	148
100	Interleukinâ€2/interleukinâ€2 antibody therapy induces target organ natural killer cells that inhibit central nervous system inflammation. Annals of Neurology, 2011, 69, 721-734.	2.8	61
101	Invariant NK T cells: potential for immunotherapeutic targeting with glycolipid antigens. Immunotherapy, 2011, 3, 59-75.	1.0	40
102	Proteasomes, TAP, and Endoplasmic Reticulum-Associated Aminopeptidase Associated with Antigen Processing Control CD4+Th Cell Responses by Regulating Indirect Presentation of MHC Class II-Restricted Cytoplasmic Antigens. Journal of Immunology, 2011, 186, 6683-6692.	0.4	10
103	Intestinal Epithelial Cells Modulate CD4 T Cell Responses via the Thymus Leukemia Antigen. Journal of Immunology, 2011, 187, 4051-4060.	0.4	18
104	Deletion of the G6pc2 Gene Encoding the Islet-Specific Glucose-6-Phosphatase Catalytic Subunitâ€"Related Protein Does Not Affect the Progression or Incidence of Type 1 Diabetes in NOD/ShiLtJ Mice. Diabetes, 2011, 60, 2922-2927.	0.3	12
105	Mucosal memory CD8+ T cells are selected in the periphery by an MHC class I molecule. Nature Immunology, 2011, 12, 1086-1095.	7.0	63
106	Early Secreted Antigen ESAT-6 of Mycobacterium tuberculosis Promotes Protective T Helper 17 Cell Responses in a Toll-Like Receptor-2-dependent Manner. PLoS Pathogens, 2011, 7, e1002378.	2.1	137
107	T Cells from Programmed Death-1 Deficient Mice Respond Poorly to Mycobacterium tuberculosis Infection. PLoS ONE, 2011, 6, e19864.	1.1	74
108	Invariant Natural Killer T Cell-Based Therapy of Autoimmune Diseases. Current Immunology Reviews, 2010, 6, 88-101.	1.2	3

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109	TL and CD8Î±Î±: Enigmatic partners in mucosal immunity. Immunology Letters, 2010, 134, 1-6.	1.1	32
110	Expansion of regulatory T cells via ILâ€2/antiâ€ILâ€2 mAb complexes suppresses experimental myasthenia. European Journal of Immunology, 2010, 40, 1577-1589.	1.6	94
111	Follicular B Cell Trafficking within the Spleen Actively Restricts Humoral Immune Responses. Immunity, 2010, 33, 254-265.	6.6	54
112	The Hunt for iNKT Cell Antigens: Î±-Galactosidase-Deficient Mice to the Rescue?. Immunity, 2010, 33, 143-145.	6.6	4
113	Central nervous system (CNS)â€“resident natural killer cells suppress Th17 responses and CNS autoimmune pathology. Journal of Experimental Medicine, 2010, 207, 1907-1921.	4.2	184
114	Development of Spontaneous Anergy in Invariant Natural Killer T Cells in a Mouse Model of Dyslipidemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1758-1765.	1.1	14
115	Mycobacterium tuberculosis evades host immunity by recruiting mesenchymal stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21653-21658.	3.3	101
116	Evidence for a role of immunoproteasomes in regulating cardiac muscle mass in diabetic mice. Journal of Molecular and Cellular Cardiology, 2010, 49, 5-15.	0.9	44
117	Comeback kids: CD8+ suppressor T cells are back in the game. Journal of Clinical Investigation, 2010, 120, 3432-3434.	3.9	11
118	Reducing the Activity and Secretion of Microbial Antioxidants Enhances the Immunogenicity of BCG. PLoS ONE, 2009, 4, e5531.	1.1	41
119	Transforming growth factor Î² is dispensable for the molecular orchestration of Th17 cell differentiation. Journal of Experimental Medicine, 2009, 206, 2407-2416.	4.2	198
120	PD-1/PD-L Blockade Prevents Anergy Induction and Enhances the Anti-Tumor Activities of Glycolipid-Activated Invariant NKT Cells. Journal of Immunology, 2009, 182, 2816-2826.	0.4	178
121	STAT1 Negatively Regulates Lung Basophil IL-4 Expression Induced by Respiratory Syncytial Virus Infection. Journal of Immunology, 2009, 183, 2016-2026.	0.4	35
122	Natural Killer T Cells and Autoimmune Disease. Current Molecular Medicine, 2009, 9, 4-14.	0.6	148
123	Generation of Antibody Responses to Pneumococcal Capsular Polysaccharides Is Independent of CD1 Expression in Mice. Infection and Immunity, 2009, 77, 1976-1980.	1.0	5
124	Invariant natural killer T cells: innateâ€like T cells with potent immunomodulatory activities. Tissue Antigens, 2009, 73, 535-545.	1.0	66
125	Lung NKT cell commotion takes your breath away. Nature Medicine, 2008, 14, 609-610.	15.2	2
126	Effect of High Fat Diet on NKT Cell Function and NKT Cellâ€mediated Regulation of Th1 Responses. Scandinavian Journal of Immunology, 2008, 67, 230-237.	1.3	35

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127	Invariant Natural Killer T Cells Trigger Adaptive Lymphocytes to Churn Up Bile. Cell Host and Microbe, 2008, 3, 275-277.	5.1	10
128	Glycolipid ligands of invariant natural killer T cells as vaccine adjuvants. Expert Review of Vaccines, 2008, 7, 1519-1532.	2.0	31
129	Thymus leukemia antigen controls intraepithelial lymphocyte function and inflammatory bowel disease. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17931-17936.	3.3	53
130	Cutting Edge: Guillain-Barrè•Syndrome-Associated IgG Responses to Gangliosides Are Generated Independently of CD1 Function in Mice. Journal of Immunology, 2008, 180, 39-43.	0.4	15
131	Antigen Presentation: Discovery of the Peptide TAP. Journal of Immunology, 2008, 180, 2723-2724.	0.4	5
132	Flexibility accompanies commitment of memory CD4 lymphocytes derived from IL-4 locus-activated precursors. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9307-9312.	3.3	9
133	Ischemic preconditioningâ€•induced cardioprotection is lost in mice with immunoproteasome subunit low molecular mass polypeptideâ€2 deficiency. FASEB Journal, 2008, 22, 4248-4257.	0.2	54
134	Cutting Edge: K63-Linked Polyubiquitination of NEMO Modulates TLR Signaling and Inflammation In Vivo. Journal of Immunology, 2008, 180, 7107-7111.	0.4	43
135	Osteopontin regulates development and function of invariant natural killer T cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15884-15889.	3.3	39
136	Human invariant VÎ±24+ natural killer T cells acquire regulatory functions by interacting with IL-10â€“treated dendritic cells. Blood, 2008, 111, 4254-4263.	0.6	12
137	Impact of bacteria on the phenotype, functions, and therapeutic activities of invariant NKT cells in mice. Journal of Clinical Investigation, 2008, 118, 2301-15.	3.9	59
138	Role of the programmed deathâ€1 (PDâ€1) pathway in glycolipidâ€•induced iNKT cell anergy. FASEB Journal, 2008, 22, 397-397.	0.2	0
139	Role of NKT Cells in the Digestive System. II. NKT cells and diabetes. American Journal of Physiology - Renal Physiology, 2007, 293, G919-G922.	1.6	9
140	Toll-like receptor 4 (TLR4)-dependent proinflammatory and immunomodulatory properties of the glycoinositolphospholipid (GIPL) from Trypanosoma cruzi. Journal of Leukocyte Biology, 2007, 82, 488-496.	1.5	32
141	TheIn VivoResponse of Invariant Natural Killer T Cells to Glycolipid Antigens. International Reviews of Immunology, 2007, 26, 31-48.	1.5	30
142	Assessing the role of immuno-proteasomes in a mouse model of familial ALS. Experimental Neurology, 2007, 206, 53-58.	2.0	20
143	Examining the role of CD1d and natural killer T cells in the development of nephritis in a genetically susceptible lupus model. Arthritis and Rheumatism, 2007, 56, 1219-1233.	6.7	48
144	NKT cells: T lymphocytes with innate effector functions. Current Opinion in Immunology, 2007, 19, 354-364.	2.4	177

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145	Lipid metabolism, atherogenesis and CD1-restricted antigen presentation. Trends in Molecular Medicine, 2006, 12, 270-278.	3.5	36
146	Granulocyte-Macrophage Colony-Stimulating Factor Regulates Effector Differentiation of Invariant Natural Killer T Cells during Thymic Ontogeny. Immunity, 2006, 25, 487-497.	6.6	56
147	CD4+CD25+ Tregs and NKT cells: regulators regulating regulators. Trends in Immunology, 2006, 27, 322-327.	2.9	180
148	Human Natural Killer T Cells Are Heterogeneous in Their Capacity to Reprogram Their Effector Functions. PLoS ONE, 2006, 1, e50.	1.1	40
149	Viral evasion of antigen presentation: not just for peptides anymore. Nature Immunology, 2006, 7, 795-797.	7.0	18
150	Natural killer T cells and CD8+ T cells are dispensable for T cellâ€“dependent allergic airway inflammation. Nature Medicine, 2006, 12, 1345-1346.	15.2	51
151	Reciprocal regulation between natural killer cells and autoreactive T cells. Nature Reviews Immunology, 2006, 6, 751-760.	10.6	117
152	The Role of Invariant Natural Killer T Cells in Lupus and Atherogenesis. Immunologic Research, 2006, 34, 49-66.	1.3	23
153	Inhibition of antitumor immunity by invariant natural killer T cells in a T-cell lymphoma modelin vivo. International Journal of Cancer, 2006, 118, 3045-3053.	2.3	58
154	Role of invariant natural killer T cells in immune regulation and as potential therapeutic targets in autoimmune disease. Expert Review of Clinical Immunology, 2006, 2, 745-757.	1.3	3
155	Autoreactive T Cells Mediate NK Cell Degeneration in Autoimmune Disease. Journal of Immunology, 2006, 176, 5247-5254.	0.4	57
156	In vivo role of ER-associated peptidase activity in tailoring peptides for presentation by MHC class Ia and class Ib molecules. Journal of Experimental Medicine, 2006, 203, 647-659.	4.2	150
157	Pivotal roles of CD8+ T cells restricted by MHC class Iâ€“like molecules in autoimmune diseases. Journal of Experimental Medicine, 2006, 203, 2603-2611.	4.2	8
158	In vivo role of ER-associated peptidase activity in tailoring peptides for presentation by MHC class Ia and class Ib molecules. Journal of Cell Biology, 2006, 172, i14-i14.	2.3	0
159	Natural killer T cells ameliorate antibody-induced arthritis in macrophage migration inhibitory factor transgenic mice. International Journal of Molecular Medicine, 2006, 18, 829-36.	1.8	6
160	NK cells promote islet allograft tolerance via a perforin-dependent mechanism. Nature Medicine, 2005, 11, 1059-1065.	15.2	179
161	Î±-Galactosylceramide therapy for autoimmune diseases: prospects and obstacles. Nature Reviews Immunology, 2005, 5, 31-42.	10.6	268
162	Innate Immunity: NKT Cells in the Spotlight. Current Biology, 2005, 15, R429-R431.	1.8	73

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163	Direct effects of T-bet and MHC class I expression, but not STAT1, on peripheral NK cell maturation. European Journal of Immunology, 2005, 35, 757-765.	1.6	57
164	The natural killer T?cell ligand ?-galactosylceramide prevents or promotes pristane-induced lupus in mice. European Journal of Immunology, 2005, 35, 1143-1154.	1.6	81
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