

# Gennaro De Libero

## List of Publications by Citations

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141  
papers

7,684  
citations

46  
h-index

85  
g-index

151  
ext. papers

8,518  
ext. citations

9  
avg, IF

5.51  
L-index

#	Paper	IF	Citations
141	Human T cell receptor gammadelta cells recognize endogenous mevalonate metabolites in tumor cells. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 163-8	16.6	657
140	Monokine production by microglial cell clones. <i>European Journal of Immunology</i> , <b>1989</b> , 19, 1443-8	6.1	311
139	Metformin as adjunct antituberculosis therapy. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 263ra159	17.5	292
138	Butyrophilin 3A1 binds phosphorylated antigens and stimulates human $\Gamma$ cells. <i>Nature Immunology</i> , <b>2013</b> , 14, 908-16	19.1	275
137	IL-7 licenses activation of human liver intrasinusoidal mucosal-associated invariant T cells. <i>Journal of Immunology</i> , <b>2013</b> , 190, 3142-52	5.3	243
136	Diacylated sulfoglycolipids are novel mycobacterial antigens stimulating CD1-restricted T cells during infection with Mycobacterium tuberculosis. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 199, 649-59	16.6	243
135	Self glycolipids as T-cell autoantigens. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 1667-75	6.1	239
134	Assistance of microbial glycolipid antigen processing by CD1e. <i>Science</i> , <b>2005</b> , 310, 1321-4	33.3	218
133	Parallel T-cell cloning and deep sequencing of human MAIT cells reveal stable oligoclonal TCR $\beta$ repertoire. <i>Nature Communications</i> , <b>2014</b> , 5, 3866	17.4	202
132	Human CD1-restricted T cell recognition of lipids from pollens. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 295-308	16.6	189
131	Presentation of the same glycolipid by different CD1 molecules. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 195, 1013-21	16.6	188
130	Mycobacteria-reactive Lyt-2+ T cell lines. <i>European Journal of Immunology</i> , <b>1988</b> , 18, 59-66	6.1	167
129	Toll-like receptor 8 agonist and bacteria trigger potent activation of innate immune cells in human liver. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004210	7.6	161
128	Human V gamma 9-V delta 2 cells are stimulated in a cross-reactive fashion by a variety of phosphorylated metabolites. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 2052-8	6.1	156
127	Ligands for natural killer cell-activating receptors are expressed upon the maturation of normal myelomonocytic cells but at low levels in acute myeloid leukemias. <i>Blood</i> , <b>2005</b> , 105, 3615-22	2.2	155
126	Recognition of lipid antigens by T cells. <i>Nature Reviews Immunology</i> , <b>2005</b> , 5, 485-96	36.5	153
125	Peroxisome-derived lipids are self antigens that stimulate invariant natural killer T cells in the thymus. <i>Nature Immunology</i> , <b>2012</b> , 13, 474-80	19.1	152

124	The alphabeta T cell response to self-glycolipids shows a novel mechanism of CD1b loading and a requirement for complex oligosaccharides. <i>Immunity</i> , <b>2000</b> , 13, 255-64	32.3	136
123	Mycolic acids constitute a scaffold for mycobacterial lipid antigens stimulating CD1-restricted T cells. <i>Chemistry and Biology</i> , <b>2009</b> , 16, 82-92		123
122	Sentinel function of broadly reactive human gamma delta T cells. <i>Trends in Immunology</i> , <b>1997</b> , 18, 22-6		106
121	The Immunology of CD1- and MR1-Restricted T Cells. <i>Annual Review of Immunology</i> , <b>2016</b> , 34, 479-510	34.7	101
120	High-frequency and adaptive-like dynamics of human CD1 self-reactive T cells. <i>European Journal of Immunology</i> , <b>2011</b> , 41, 602-10	6.1	99
119	Bacterial infections promote T cell recognition of self-glycolipids. <i>Immunity</i> , <b>2005</b> , 22, 763-72	32.3	99
118	Clonal heterogeneity in polycythemia vera patients with JAK2 exon12 and JAK2-V617F mutations. <i>Blood</i> , <b>2008</b> , 111, 3863-6	2.2	92
117	Point-of-care assays for tuberculosis: role of nanotechnology/microfluidics. <i>Biotechnology Advances</i> , <b>2013</b> , 31, 438-49	17.8	90
116	Major histocompatibility complex class I molecules modulate activation threshold and early signaling of T cell antigen receptor-gamma/delta stimulated by nonpeptidic ligands. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 1769-74	16.6	83
115	A semisynthetic carbohydrate-lipid vaccine that protects against <i>S. pneumoniae</i> in mice. <i>Nature Chemical Biology</i> , <b>2014</b> , 10, 950-6	11.7	76
114	Recognition of pollen-derived phosphatidyl-ethanolamine by human CD1d-restricted gamma delta T cells. <i>Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 117, 1178-84	11.5	71
113	Endogenous phosphatidylcholine and a long spacer ligand stabilize the lipid-binding groove of CD1b. <i>EMBO Journal</i> , <b>2006</b> , 25, 3684-92	13	71
112	Synthesis and biological evaluation of alpha-galactosylceramide (KRN7000) and isoglobotrihexosylceramide (iGb3). <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2006</b> , 16, 2195-9	2.9	71
111	Specific lysis of <i>Listeria monocytogenes</i> -infected macrophages by class II-restricted L3T4+ T cells. <i>European Journal of Immunology</i> , <b>1987</b> , 17, 237-46	6.1	71
110	A novel self-lipid antigen targets human T cells against CD1c(+) leukemias. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 1363-77	16.6	69
109	Functionally diverse human T cells recognize non-microbial antigens presented by MR1. <i>ELife</i> , <b>2017</b> , 6,	8.9	62
108	Fatty acyl structures of mycobacterium tuberculosis sulfoglycolipid govern T cell response. <i>Journal of Immunology</i> , <b>2009</b> , 182, 7030-7	5.3	58
107	CD1a and MHC class I follow a similar endocytic recycling pathway. <i>Traffic</i> , <b>2008</b> , 9, 1446-57	5.7	57

106	Functional CD1a is stabilized by exogenous lipids. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 1083-92	6.1	55
105	In situ correlation of cytokine secretion and apoptosis in Helicobacter pylori-associated gastritis. <i>American Journal of Physiology - Renal Physiology</i> , <b>2002</b> , 283, G481-8	5.1	55
104	Identification and characterization of a human CD4 silencer. <i>European Journal of Immunology</i> , <b>1996</b> , 26, 493-500	6.1	55
103	The HOX gene network in hepatocellular carcinoma. <i>International Journal of Cancer</i> , <b>2011</b> , 129, 2577-87	7.5	54
102	Differential alteration of lipid antigen presentation to NKT cells due to imbalances in lipid metabolism. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 1431-41	6.1	53
101	Dysregulation of the host mevalonate pathway during early bacterial infection activates human TCR gamma delta cells. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 2200-9	6.1	52
100	Invariant natural killer T cells: linking inflammation and neovascularization in human atherosclerosis. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 3268-79	6.1	51
99	Structural reorganization of the antigen-binding groove of human CD1b for presentation of mycobacterial sulfoglycolipids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 17755-60	11.5	48
98	Molecular recognition of human CD1b antigen complexes: evidence for a common pattern of interaction with alpha beta TCRs. <i>Journal of Immunology</i> , <b>2000</b> , 165, 4494-504	5.3	47
97	Fine tuning by human CD1e of lipid-specific immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 14228-33	11.5	46
96	Broad-Spectrum Antimicrobial Star Polycarbonates Functionalized with Mannose for Targeting Bacteria Residing inside Immune Cells. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 1272-81	10.1	44
95	Locally inducible CD66a (CEACAM1) as an amplifier of the human intestinal T cell response. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 2593-603	6.1	44
94	Crystal structure of human CD1e reveals a groove suited for lipid-exchange processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 13230-5	11.5	42
93	Synthesis of diacylated trehalose sulfates: candidates for a tuberculosis vaccine. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 9734-8	16.4	42
92	Modulation of bacterial metabolism by the microenvironment controls MAIT cell stimulation. <i>Mucosal Immunology</i> , <b>2018</b> , 11, 1060-1070	9.2	39
91	C-type lectin-like receptors in peptide-specific HLA class I-restricted cytotoxic T lymphocytes: differential expression and modulation of effector functions in clones sharing identical TCR structure and epitope specificity. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 1134-42	6.1	39
90	The T-Cell Response to Lipid Antigens of Mycobacterium tuberculosis. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 219	8.4	37
89	Genetic control of susceptibility to collagen-induced arthritis in T cell receptor beta-chain transgenic mice. <i>Arthritis and Rheumatism</i> , <b>1998</b> , 41, 256-62		37

88	T cell receptor heterogeneity in gamma delta T cell clones from intestinal biopsies of patients with celiac disease. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 499-504	6.1	37
87	T cell receptor gamma delta repertoire is skewed in cerebrospinal fluid of multiple sclerosis patients: molecular and functional analyses of antigen-reactive gamma delta clones. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 355-63	6.1	36
86	Novel insights into lipid antigen presentation. <i>Trends in Immunology</i> , <b>2012</b> , 33, 103-11	14.4	35
85	The role of innate immunity in autoimmunity. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 200, 1527-31	16.6	34
84	Emerging technologies for monitoring drug-resistant tuberculosis at the point-of-care. <i>Advanced Drug Delivery Reviews</i> , <b>2014</b> , 78, 105-17	18.5	33
83	Total synthesis, stereochemical elucidation and biological evaluation of Ac2SGL; a 1,3-methyl branched sulfoglycolipid from <i>Mycobacterium tuberculosis</i> . <i>Chemical Science</i> , <b>2013</b> , 4, 709-716	9.4	33
82	Cutting edge: a naturally occurring mutation in CD1e impairs lipid antigen presentation. <i>Journal of Immunology</i> , <b>2008</b> , 180, 3642-6	5.3	33
81	Butyrophilin 3A (BTN3A, CD277)-specific antibody 20.1 differentially activates V $\beta$ V $\delta$ TCR clonotypes and interferes with phosphoantigen activation. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 982-992	6.1	32
80	Early recycling compartment trafficking of CD1a is essential for its intersection and presentation of lipid antigens. <i>Journal of Immunology</i> , <b>2010</b> , 184, 1235-41	5.3	30
79	Functional inactivation in the whole population of human V gamma 9/V delta 2 T lymphocytes induced by a nonpeptidic antagonist. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 91-7	16.6	29
78	Protective efficacy of a lipid antigen vaccine in a guinea pig model of tuberculosis. <i>Vaccine</i> , <b>2017</b> , 35, 1395-1402	4.1	28
77	The autophagy machinery restrains iNKT cell activation through CD1D1 internalization. <i>Autophagy</i> , <b>2017</b> , 13, 1025-1036	10.2	28
76	Regulation of CD1a surface expression and antigen presentation by invariant chain and lipid rafts. <i>Journal of Immunology</i> , <b>2008</b> , 180, 980-7	5.3	28
75	CD1a-binding glycosphingolipids stimulating human autoreactive T-cells: synthesis of a family of sulfatides differing in the acyl chain moiety. <i>Tetrahedron</i> , <b>2002</b> , 58, 8703-8708	2.4	27
74	Phosphoantigen Presentation to TCR $\alpha\beta$ Cells, a Conundrum Getting Less Gray Zones. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 679	8.4	26
73	Synthesis of alpha-galactosyl ceramide (KRN7000) and analogues thereof via a common precursor and their preliminary biological assessment. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 9192-5	4.2	26
72	Automated Identification of Core Regulatory Genes in Human Gene Regulatory Networks. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004504	5	25
71	Deciphering the role of CD1e protein in mycobacterial phosphatidyl-myo-inositol mannosides (PIM) processing for presentation by CD1b to T lymphocytes. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 31494-502	5.4	25

70	Mechanisms of lipid-antigen generation and presentation to T cells. <i>Trends in Immunology</i> , <b>2006</b> , 27, 485-494	14.4	25
69	Lysosomal Lipases PLRP2 and LPLA2 Process Mycobacterial Multi-acylated Lipids and Generate T Cell Stimulatory Antigens. <i>Cell Chemical Biology</i> , <b>2016</b> , 23, 1147-1156	8.2	25
68	Mycobacteria exploit p38 signaling to affect CD1 expression and lipid antigen presentation by human dendritic cells. <i>Infection and Immunity</i> , <b>2009</b> , 77, 4947-52	3.7	21
67	rCASC: reproducible classification analysis of single-cell sequencing data. <i>GigaScience</i> , <b>2019</b> , 8,	7.6	20
66	How the immune system detects lipid antigens. <i>Progress in Lipid Research</i> , <b>2010</b> , 49, 120-7	14.3	20
65	Modification of the ceramide moiety of isoglobotrihexosylceramide on its agonist activity in stimulation of invariant natural killer T cells. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 3489-96	8.3	20
64	Contact sensitizers trigger human CD1-autoreactive T-cell responses. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1171-1180	6.1	19
63	The Conventional Nature of Non-MHC-Restricted T Cells. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1365	8.4	19
62	Simplified deoxypropionate acyl chains for Mycobacterium tuberculosis sulfoglycolipid analogues: chain length is essential for high antigenicity. <i>ChemBioChem</i> , <b>2013</b> , 14, 2413-7	3.8	19
61	The cellular and biochemical rules of lipid antigen presentation. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 2648-56	6.1	19
60	Tissue distribution, antigen specificity and effector functions of gamma delta T cells in human diseases. <i>Seminars in Immunopathology</i> , <b>2000</b> , 22, 219-38		19
59	Presentation of lipid antigens to T cells. <i>Immunology Letters</i> , <b>2008</b> , 117, 1-8	4.1	18
58	Stereoselective synthesis and immunogenic activity of the C-analogue of sulfatide. <i>Organic Letters</i> , <b>2006</b> , 8, 3255-8	6.2	18
57	Restriction of the T-cell receptor V delta gene repertoire is due to preferential rearrangement and is independent of antigen selection. <i>Immunogenetics</i> , <b>1995</b> , 42, 323-332	3.2	18
56	Unique T-Cell Populations Define Immune-Inflamed Hepatocellular Carcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2020</b> , 9, 195-218	7.9	17
55	T cells specific for lipid antigens. <i>Immunologic Research</i> , <b>2012</b> , 53, 191-9	4.3	16
54	IL-8-mediated angiogenic responses of endothelial cells to lipid antigen activation of iNKT cells depend on EGFR transactivation. <i>Journal of Leukocyte Biology</i> , <b>2011</b> , 90, 929-39	6.5	15
53	Synthesis of sulfated galactocerebrosides from an orthogonal beta-D-galactosylceramide scaffold for the study of CD1-antigen interactions. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 5587-95	4.8	15

52	How pattern recognition receptor triggering influences T cell responses: a new look into the system. <i>Trends in Immunology</i> , <b>2007</b> , 28, 308-14	14.4	15
51	Microchip-based ultrafast serodiagnostic assay for tuberculosis. <i>Scientific Reports</i> , <b>2016</b> , 6, 35845	4.9	14
50	Synthesis and evaluation of human T cell stimulating activity of an alpha-sulfatide analogue. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 5529-36	3.4	14
49	An alternative approach to the assessment of gamma delta T-cell clonality in celiac disease intestinal lesions through cDNA heteroduplex analysis of T-cell receptor VJ junctions. <i>Human Immunology</i> , <b>1994</b> , 40, 303-11	2.3	14
48	A general and stereoselective route to alpha- or beta-galactosphingolipids via a common four-carbon building block. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 7757-60	4.2	13
47	Nonclassical T cells and their antigens in tuberculosis. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2014</b> , 4, a018473	5.4	12
46	NLRP10 Enhances CD4 T-Cell-Mediated IFN $\gamma$ Response Regulation of Dendritic Cell-Derived IL-12 Release. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1462	8.4	12
45	How T lymphocytes recognize lipid antigens. <i>FEBS Letters</i> , <b>2006</b> , 580, 5580-7	3.8	12
44	Control of gammadelta T cells by NK receptors. <i>Microbes and Infection</i> , <b>1999</b> , 1, 263-7	9.3	11
43	Structure and biology of self lipid antigens. <i>Current Topics in Microbiology and Immunology</i> , <b>2007</b> , 314, 51-72	3.3	11
42	MR1-Restricted T Cells Are Unprecedented Cancer Fighters. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 751	8.4	10
41	Differentiation of monocytes into CD1a- dendritic cells correlates with disease progression in HIV-infected patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2007</b> , 46, 519-28	3.1	10
40	Immunology. The Robin Hood of antigen presentation. <i>Science</i> , <b>2004</b> , 303, 485-7	33.3	10
39	A new aspect in glycolipid biology: glycosphingolipids as antigens recognized by T lymphocytes. <i>Neurochemical Research</i> , <b>2002</b> , 27, 675-85	4.6	9
38	CD1a and CD1b surface expression is independent from de novo synthesized glycosphingolipids. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 29-37	6.1	9
37	Activation of TCR V $\alpha$ and V $\beta$ T Cells upon Controlled Infection with in Tanzanian Volunteers. <i>Journal of Immunology</i> , <b>2020</b> , 204, 180-191	5.3	9
36	Globotriaosylceramide inhibits iNKT-cell activation in a CD1d-dependent manner. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 147-53	6.1	9
35	Targeting leukemia by CD1c-restricted T cells specific for a novel lipid antigen. <i>OncolImmunology</i> , <b>2015</b> , 4, e970463	7.2	8

34	From Immunologically Archaic to Neoteric Glycovaccines. <i>Vaccines</i> , <b>2017</b> , 5,	5.3	8
33	How T cells get grip on lipid antigens. <i>Current Opinion in Immunology</i> , <b>2008</b> , 20, 96-104	7.8	8
32	Synthesis and evaluation of immunostimulant plasmalogen lysophosphatidylethanolamine and analogues for natural killer T cells. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 2966-73	3.4	7
31	The assembly of CD1e is controlled by an N-terminal propeptide which is processed in endosomal compartments. <i>Biochemical Journal</i> , <b>2009</b> , 419, 661-8	3.8	6
30	T-cell receptor V-gene usage in neoplasms of the central nervous system. A comparative analysis in cultured tumor infiltrating and peripheral blood T cells. <i>Journal of Neurosurgery</i> , <b>1993</b> , 78, 630-7	3.2	6
29	T suppressor cells as well as anti-hapten and anti-idiotypic B lymphocytes regulate contact sensitivity to oxazolone in mice injected with purified protein derivative from Mycobacterium tuberculosis. <i>Infection and Immunity</i> , <b>1984</b> , 45, 701-7	3.7	6
28	Hemopoietic cell kinase (Hck) and p21-activated kinase 2 (PAK2) are involved in the down-regulation of CD1a lipid antigen presentation by HIV-1 Nef in dendritic cells. <i>Virology</i> , <b>2016</b> , 487, 285-95	3.6	5
27	Serum lipoproteins: Trojan horses of the immune response?. <i>Trends in Immunology</i> , <b>2006</b> , 27, 57-9	14.4	5
26	T cell recognition of non-peptidic antigens in infectious diseases. <i>Indian Journal of Medical Research</i> , <b>2013</b> , 138, 620-31	2.9	5
25	Author response: Functionally diverse human T cells recognize non-microbial antigens presented by MR1 <b>2017</b> ,		5
24	Selection of phage-displayed human antibody fragments specific for CD1b presenting the Mycobacterium tuberculosis glycolipid Ac2SGL. <i>International Journal of Mycobacteriology</i> , <b>2016</b> , 5, 120-7 <sup>0.9</sup>		4
23	4,5,6-Trisubstituted piperidinones as conformationally restricted ceramide analogues: synthesis and evaluation as inhibitors of sphingosine and ceramide kinases and as NKT cell-stimulatory antigens. <i>Chemistry and Biodiversity</i> , <b>2009</b> , 6, 1688-715	2.5	4
22	The easy virtue of CD1c. <i>Immunity</i> , <b>2010</b> , 33, 831-3	32.3	4
21	Self glycosphingolipids: new antigens recognized by autoreactive T lymphocytes. <i>Physiology</i> , <b>2003</b> , 18, 71-6	9.8	4
20	Staphylococcus aureus-induced suppression of contact sensitivity in mice: suppressor cells elicited by polyclonal B-cell activation are regulated by idiotype-anti-idiotypic interactions. <i>Cellular Immunology</i> , <b>1985</b> , 93, 508-19	4.4	4
19	Bohemian Rhapsody of MR1 T cells. <i>Nature Immunology</i> , <b>2020</b> , 21, 108-110	19.1	3
18	Professional differences in antigen presentation to iNKT cells. <i>Immunity</i> , <b>2014</b> , 40, 5-7	32.3	3
17	Synthesis and evaluation of sphingolipid analogues: modification of the hydroxy group at C(1) of 7-oxasphingosine, and of the hydroxy group at C(1) and the amide group of 7-oxaceramides. <i>Chemistry and Biodiversity</i> , <b>2009</b> , 6, 705-24	2.5	3



16	MR1-restricted Valpha19i T cells: a second population recognizing lipid antigens?. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 1724-6	6.1	3
15	Polyclonal B cell activators inhibit contact sensitivity to oxazolone in mice by potentiating the production of anti-hapten antibodies that induce T suppressor lymphocytes acting through the release of soluble factors. <i>International Archives of Allergy and Immunology</i> , <b>1985</b> , 78, 391-5	3.7	3
14	Interferon lambda 4 can directly activate human CD19 B cells and CD8 T cells. <i>Life Science Alliance</i> , <b>2021</b> , 4,	5.8	3
13	Synthesis of 7-aza- and 7-thiasphingosines, and evaluation of their interaction with sphingosine kinases and with T-cells. <i>Chemistry and Biodiversity</i> , <b>2009</b> , 6, 725-38	2.5	2
12	Self glycolipids as T-cell autoantigens <b>1999</b> , 29, 1667		2
11	Isolation and Characterization of MAIT Cells from Human Tissue Biopsies. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2098, 23-38	1.4	2
10	T-Cell recognition of microbial lipoglycans and glycolipids <b>2010</b> , 715-732		1
9	How T cells recognize lipids as antigens. <i>Clinical Lipidology</i> , <b>2009</b> , 4, 189-203		1
8	rCASC: reproducible Classification Analysis of Single Cell sequencing data		1
7	Antigen specificities and functional properties of MR1-restricted T cells. <i>Molecular Immunology</i> , <b>2021</b> , 130, 148-153	4.3	1
6	Human T cells engineered with a leukemia lipid-specific TCR enables donor-unrestricted recognition of CD1c-expressing leukemia. <i>Nature Communications</i> , <b>2021</b> , 12, 4844	17.4	1
5	Glycolipid Presentation by CD1		1
4	Chemical Glycobiology of Glycosphingolipids. <i>ACS Symposium Series</i> , <b>2008</b> , 167-194	0.4	0
3	Immunophenotypic characterization of TCR $\gamma\delta$ cells and MAIT cells in HIV-infected individuals developing Hodgkin's lymphoma. <i>Infectious Agents and Cancer</i> , <b>2021</b> , 16, 24	3.5	0
2	NK/NKT Cells and Atherosclerosis <b>2012</b> , 305-330		
1	Lineage Distribution of JAK2 Exon12 Mutations and JAK2-V617F in Patients with Polycythemia Vera. <i>Blood</i> , <b>2007</b> , 110, 1527-1527	2.2	