

# Lucia Mori

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5039665/publications.pdf>

Version: 2024-02-01

90  
papers

6,169  
citations

94269

37  
h-index

69108

77  
g-index

96  
all docs

96  
docs citations

96  
times ranked

6242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human T Cell Receptor $\hat{\beta}$ $\hat{\gamma}$ Cells Recognize Endogenous Mevalonate Metabolites in Tumor Cells. <i>Journal of Experimental Medicine</i> , 2003, 197, 163-168.	4.2	769
2	Monokine production by microglial cell clones. <i>European Journal of Immunology</i> , 1989, 19, 1443-1448.	1.6	355
3	Butyrophilin 3A1 binds phosphorylated antigens and stimulates human $\hat{\beta}$ $\hat{\gamma}$ T cells. <i>Nature Immunology</i> , 2013, 14, 908-916.	7.0	351
4	Diacylated Sulfoglycolipids Are Novel Mycobacterial Antigens Stimulating CD1-restricted T Cells during Infection with <i>Mycobacterium tuberculosis</i> . <i>Journal of Experimental Medicine</i> , 2004, 199, 649-659.	4.2	281
5	Parallel T-cell cloning and deep sequencing of human MAIT cells reveal stable oligoclonal TCR $\hat{\beta}$ repertoire. <i>Nature Communications</i> , 2014, 5, 3866.	5.8	267
6	Self glycolipids as T-cell autoantigens. <i>European Journal of Immunology</i> , 1999, 29, 1667-1675.	1.6	256
7	Assistance of Microbial Glycolipid Antigen Processing by CD1e. <i>Science</i> , 2005, 310, 1321-1324.	6.0	229
8	Presentation of the Same Glycolipid by Different CD1 Molecules. <i>Journal of Experimental Medicine</i> , 2002, 195, 1013-1021.	4.2	200
9	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> , 2005, 105, 3615-3622.	0.6	183
10	Peroxisome-derived lipids are self antigens that stimulate invariant natural killer T cells in the thymus. <i>Nature Immunology</i> , 2012, 13, 474-480.	7.0	183
11	Human $\hat{\beta}$ $\hat{\gamma}$ cells are stimulated in a crossreactive fashion by a variety of phosphorylated metabolites. <i>European Journal of Immunology</i> , 1995, 25, 2052-2058.	1.6	168
12	Recognition of lipid antigens by T cells. <i>Nature Reviews Immunology</i> , 2005, 5, 485-496.	10.6	166
13	Mycolic Acids Constitute a Scaffold for Mycobacterial Lipid Antigens Stimulating CD1-Restricted T Cells. <i>Chemistry and Biology</i> , 2009, 16, 82-92.	6.2	148
14	The $\hat{\beta}$ $\hat{\gamma}$ T Cell Response to Self-Glycolipids Shows a Novel Mechanism of CD1b Loading and a Requirement for Complex Oligosaccharides. <i>Immunity</i> , 2000, 13, 255-264.	6.6	144
15	The Immunology of CD1- and MR1-Restricted T Cells. <i>Annual Review of Immunology</i> , 2016, 34, 479-510.	9.5	136
16	High-frequency and adaptive-like dynamics of human CD1 self-reactive T cells. <i>European Journal of Immunology</i> , 2011, 41, 602-610.	1.6	116
17	Bacterial Infections Promote T Cell Recognition of Self-Glycolipids. <i>Immunity</i> , 2005, 22, 763-772.	6.6	109
18	Functionally diverse human T cells recognize non-microbial antigens presented by MR1. <i>ELife</i> , 2017, 6, .	2.8	100

#	ARTICLE	IF	CITATIONS
19	A semisynthetic carbohydrate-lipid vaccine that protects against <i>S. pneumoniae</i> in mice. <i>Nature Chemical Biology</i> , 2014, 10, 950-956.	3.9	96
20	A novel self-lipid antigen targets human T cells against CD1c+ leukemias. <i>Journal of Experimental Medicine</i> , 2014, 211, 1363-1377.	4.2	80
21	Endogenous phosphatidylcholine and a long spacer ligand stabilize the lipid-binding groove of CD1b. <i>EMBO Journal</i> , 2006, 25, 3684-3692.	3.5	75
22	Fatty Acyl Structures of <i>Mycobacterium tuberculosis</i> Sulfoglycolipid Govern T Cell Response. <i>Journal of Immunology</i> , 2009, 182, 7030-7037.	0.4	63
23	Differential alteration of lipid antigen presentation to NKT cells due to imbalances in lipid metabolism. <i>European Journal of Immunology</i> , 2007, 37, 1431-1441.	1.6	62
24	The <i>HOX</i> gene network in hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2011, 129, 2577-2587.	2.3	60
25	Modulation of bacterial metabolism by the microenvironment controls MAIT cell stimulation. <i>Mucosal Immunology</i> , 2018, 11, 1060-1070.	2.7	60
26	Dysregulation of the host mevalonate pathway during early bacterial infection activates human TCR $\alpha\beta\gamma$ cells. <i>European Journal of Immunology</i> , 2008, 38, 2200-2209.	1.6	59
27	Functional CD1a is stabilized by exogenous lipids. <i>European Journal of Immunology</i> , 2006, 36, 1083-1092.	1.6	57
28	Invariant natural killer T cells: Linking inflammation and neovascularization in human atherosclerosis. <i>European Journal of Immunology</i> , 2010, 40, 3268-3279.	1.6	55
29	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> , 2011, 108, 17755-17760.	3.3	52
30	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> , 2011, 108, 14228-14233.	3.3	51
31	Synthesis of Diacylated Trehalose Sulfates: Candidates for a Tuberculosis Vaccine. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9734-9738.	7.2	48
32	Locally inducible CD66a (CEACAM1) as an amplifier of the human intestinal T cell response. <i>European Journal of Immunology</i> , 2000, 30, 2593-2603.	1.6	47
33	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> , 2011, 108, 13230-13235.	3.3	47
34	The T-Cell Response to Lipid Antigens of <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Immunology</i> , 2014, 5, 219.	2.2	47
35	Expression of a transgenic T cell receptor beta chain enhances collagen-induced arthritis.. <i>Journal of Experimental Medicine</i> , 1992, 176, 381-388.	4.2	45
36	Genetic control of susceptibility to collagen-induced arthritis in T cell receptor $\beta$ -chain transgenic mice. <i>Arthritis and Rheumatism</i> , 1998, 41, 256-262.	6.7	40

#	ARTICLE	IF	CITATIONS
37	Total synthesis, stereochemical elucidation and biological evaluation of Ac2SGL; a 1,3-methyl branched sulfolipid from <i>Mycobacterium tuberculosis</i> . <i>Chemical Science</i> , 2013, 4, 709-716.	3.7	40
38	Novel insights into lipid antigen presentation. <i>Trends in Immunology</i> , 2012, 33, 103-111.	2.9	36
39	Cutting Edge: A Naturally Occurring Mutation in CD1e Impairs Lipid Antigen Presentation. <i>Journal of Immunology</i> , 2008, 180, 3642-3646.	0.4	35
40	Early Recycling Compartment Trafficking of CD1a Is Essential for Its Intersection and Presentation of Lipid Antigens. <i>Journal of Immunology</i> , 2010, 184, 1235-1241.	0.4	35
41	Unique T-Cell Populations Define Immune-Inflamed Hepatocellular Carcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 9, 195-218.	2.3	35
42	Phosphoantigen Presentation to TCR $\alpha\beta$ Cells, a Conundrum Getting Less Gray Zones. <i>Frontiers in Immunology</i> , 2014, 5, 679.	2.2	34
43	A novel infection- and inflammation-associated molecular signature in peripheral blood of myasthenia gravis patients. <i>Immunobiology</i> , 2016, 221, 1227-1236.	0.8	33
44	Lysosomal Lipases PLRP2 and LPLA2 Process Mycobacterial Multi-acylated Lipids and Generate T Cell Stimulatory Antigens. <i>Cell Chemical Biology</i> , 2016, 23, 1147-1156.	2.5	32
45	Functional Inactivation in the Whole Population of Human $\text{V}\alpha 9/\text{V}\beta 2$ T Lymphocytes Induced By a Nonpeptidic Antagonist. <i>Journal of Experimental Medicine</i> , 1997, 185, 91-98.	4.2	29
46	Regulation of CD1a Surface Expression and Antigen Presentation by Invariant Chain and Lipid Rafts. <i>Journal of Immunology</i> , 2008, 180, 980-987.	0.4	29
47	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> , 2012, 287, 31494-31502.	1.6	29
48	Synthesis of $\beta$ -Galactosyl Ceramide (KRN7000) and Analogues Thereof via a Common Precursor and Their Preliminary Biological Assessment. <i>Journal of Organic Chemistry</i> , 2008, 73, 9192-9195.	1.7	28
49	Nonclassical T Cells and Their Antigens in Tuberculosis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014, 4, a018473-a018473.	2.9	27
50	Contact sensitizers trigger human CD1a <sup>hi</sup> autoreactive T cell responses. <i>European Journal of Immunology</i> , 2017, 47, 1171-1180.	1.6	27
51	The Conventional Nature of Non-MHC-Restricted T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1365.	2.2	27
52	Genetic Control of Tolerance to Type II Collagen and Development of Arthritis in an Autologous Collagen-Induced Arthritis Model. <i>Journal of Immunology</i> , 2003, 171, 3493-3499.	0.4	26
53	Mechanisms of lipid-antigen generation and presentation to T cells. <i>Trends in Immunology</i> , 2006, 27, 485-492.	2.9	25
54	How the immune system detects lipid antigens. <i>Progress in Lipid Research</i> , 2010, 49, 120-127.	5.3	23

#	ARTICLE	IF	CITATIONS
55	MR1-Restricted T Cells Are Unprecedented Cancer Fighters. <i>Frontiers in Immunology</i> , 2020, 11, 751.	2.2	22
56	Presentation of lipid antigens to T cells. <i>Immunology Letters</i> , 2008, 117, 1-8.	1.1	21
57	Simplified Deoxypropionate Acyl Chains for <i>Mycobacterium tuberculosis</i> Sulfoglycolipid Analogues: Chain Length is Essential for High Antigenicity. <i>ChemBioChem</i> , 2013, 14, 2413-2417.	1.3	21
58	The cellular and biochemical rules of lipid antigen presentation. <i>European Journal of Immunology</i> , 2009, 39, 2648-2656.	1.6	20
59	Stereoselective Synthesis and Immunogenic Activity of the C-Analogue of Sulfatide. <i>Organic Letters</i> , 2006, 8, 3255-3258.	2.4	19
60	T cells specific for lipid antigens. <i>Immunologic Research</i> , 2012, 53, 191-199.	1.3	18
61	Synthesis of Sulfated Galactocerebrosides from an Orthogonal $\hat{1}^2$ -D-Galactosylceramide Scaffold for the Study of CD1 Antigen Interactions. <i>Chemistry - A European Journal</i> , 2006, 12, 5587-5595.	1.7	16
62	Synthesis and evaluation of human T cell stimulating activity of an $\hat{1}^{\pm}$ -sulfatide analogue. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5529-5536.	1.4	16
63	How T lymphocytes recognize lipid antigens. <i>FEBS Letters</i> , 2006, 580, 5580-5587.	1.3	15
64	Globotriaosylceramide inhibits iNKT cell activation in a CD1 dependent manner. <i>European Journal of Immunology</i> , 2016, 46, 147-153.	1.6	15
65	Synthesis of a Fluorescent Sulfatide for the Study of CD1 Antigen Binding Properties. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4755-4761.	1.2	13
66	A General and Stereoselective Route to $\hat{1}^{\pm}$ - or $\hat{1}^2$ -Galactosphingolipids via a Common Four-Carbon Building Block. <i>Journal of Organic Chemistry</i> , 2007, 72, 7757-7760.	1.7	13
67	T cell recognition of non-peptidic antigens in infectious diseases. <i>Indian Journal of Medical Research</i> , 2013, 138, 620-31.	0.4	12
68	<i>Staphylococcus aureus</i> Inhibits Contact Sensitivity to Oxazolone by Activating Suppressor B Cells in Mice. <i>International Archives of Allergy and Immunology</i> , 1984, 73, 269-273.	0.9	11
69	A new aspect in glycolipid biology: glycosphingolipids as antigens recognized by T lymphocytes. <i>Neurochemical Research</i> , 2002, 27, 675-685.	1.6	11
70	Hybrid polymersomes: facile manipulation of vesicular surfaces for enhancing cellular interaction. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5751.	2.9	11
71	Targeting leukemia by CD1c-restricted T cells specific for a novel lipid antigen. <i>Oncolmmunology</i> , 2015, 4, e970463.	2.1	11
72	CD1a and CD1b surface expression is independent from de novo synthesized glycosphingolipids. <i>European Journal of Immunology</i> , 2003, 33, 29-37.	1.6	9

#	ARTICLE	IF	CITATIONS
73	Self Glycosphingolipids: New Antigens Recognized by Autoreactive T Lymphocytes. <i>Physiology</i> , 2003, 18, 71-76.	1.6	8
74	How T cells get grip on lipid antigens. <i>Current Opinion in Immunology</i> , 2008, 20, 96-104.	2.4	8
75	The assembly of CD1e is controlled by an N-terminal propeptide which is processed in endosomal compartments. <i>Biochemical Journal</i> , 2009, 419, 661-668.	1.7	6
76	Antigen specificities and functional properties of MR1-restricted T cells. <i>Molecular Immunology</i> , 2021, 130, 148-153.	1.0	6
77	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 <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 1984, 45, 701-707.	1.0	6
78	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> , 2016, 487, 285-295.	1.1	5
79	â€˜Bohemian Rhapsodyâ€™™ of MR1T cells. <i>Nature Immunology</i> , 2020, 21, 108-110.	7.0	5
80	<i>Staphylococcus aureus</i> -induced suppression of contact sensitivity in mice: Suppressor cells elicited by polyclonal B-cell activation are regulated by idiotype-anti-idiotype interactions. <i>Cellular Immunology</i> , 1985, 93, 508-519.	1.4	4
81	The Easy Virtue of CD1c. <i>Immunity</i> , 2010, 33, 831-833.	6.6	4
82	Professional Differences in Antigen Presentation to iNKT Cells. <i>Immunity</i> , 2014, 40, 5-7.	6.6	4
83	Complete human CD1a deficiency on Langerhans cells due to a rare point mutation in the coding sequence. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1709-1712.e11.	1.5	4
84	Selection of phage-displayed human antibody fragments specific for CD1b presenting the <i>Mycobacterium tuberculosis</i> glycolipid Ac2SGL. <i>International Journal of Mycobacteriology</i> , 2016, 5, 120-127.	0.3	4
85	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> , 1985, 78, 391-395.	0.9	3
86	Human T cells engineered with a leukemia lipid-specific TCR enables donor-unrestricted recognition of CD1c-expressing leukemia. <i>Nature Communications</i> , 2021, 12, 4844.	5.8	3
87	Self glycolipids as T-cell autoantigens. , 1999, 29, 1667.		2
88	Isolation and Characterization of MAIT Cells from Human Tissue Biopsies. <i>Methods in Molecular Biology</i> , 2020, 2098, 23-38.	0.4	2
89	A Suppressor T-Cell Line Specific for the Nicotinic Cholinergic Receptor. <i>Annals of the New York Academy of Sciences</i> , 1987, 505, 639-654.	1.8	0
90	Extraction and Identification of T Cell Stimulatory Self-lipid Antigens. <i>Bio-protocol</i> , 2015, 5, .	0.2	0