Mariolina Salio

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4703882/publications.pdf

Version: 2024-02-01

97 papers	12,348 citations	38742 50 h-index	39675 94 g-index
111 all docs	111 docs citations	111 times ranked	15898 citing authors

#	Article	IF	Citations
1	The P5-type ATPase ATP13A1 modulates major histocompatibility complex I-related protein 1 (MR1)-mediated antigen presentation. Journal of Biological Chemistry, 2022, 298, 101542.	3.4	7
2	Understanding and modulating the MR1 metabolite antigen presentation pathway. Molecular Immunology, 2021, 129, 121-126.	2.2	4
3	Deletion of the deISGylating enzyme USP18 enhances tumour cell antigenicity and radiosensitivity. British Journal of Cancer, 2021, 124, 817-830.	6.4	31
4	Hepcidin-Mediated Hypoferremia Disrupts Immune Responses to Vaccination and Infection. Med, 2021, 2, 164-179.e12.	4.4	53
5	Chromatin accessibility governs the differential response of cancer and TÂcells to arginine starvation. Cell Reports, 2021, 35, 109101.	6.4	20
6	Heterogeneous disease-propagating stem cells in juvenile myelomonocytic leukemia. Journal of Experimental Medicine, 2021, 218, .	8.5	25
7	The Chemical Synthesis, Stability, and Activity of MAIT Cell Prodrug Agonists That Access MR1 in Recycling Endosomes. ACS Chemical Biology, 2020, 15, 437-445.	3.4	24
8	Predicting Cross-Reactivity and Antigen Specificity of T Cell Receptors. Frontiers in Immunology, 2020, 11, 565096.	4.8	45
9	The Immune Modulating Properties of Mucosal-Associated Invariant T Cells. Frontiers in Immunology, 2020, 11, 1556.	4.8	29
10	Evasion of MAIT cell recognition by the AfricanSalmonellaTyphimurium ST313 pathovar that causes invasive disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20717-20728.	7.1	20
11	Re-evaluation of human BDCA-2+ DC during acute sterile skin inflammation. Journal of Experimental Medicine, 2020, 217, .	8.5	29
12	Broad and strong memory CD4+ and CD8+ T cells induced by SARS-CoV-2 in UK convalescent individuals following COVID-19. Nature Immunology, 2020, 21, 1336-1345.	14.5	1,066
13	Ligand-dependent downregulation of MR1 cell surface expression. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10465-10475.	7.1	43
14	Interactions Between MAIT Cells and Dendritic Cells. Methods in Molecular Biology, 2020, 2098, 125-139.	0.9	0
15	Sterile activation of invariant natural killer T cells by ER-stressed antigen-presenting cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23671-23681.	7.1	21
16	A phase I study to assess the safety and tolerability of intravesical pembrolizumab in recurrent non-muscle invasive bladder cancer (NMIBC).. Journal of Clinical Oncology, 2019, 37, 406-406.	1.6	8
17	Clonal analysis of Salmonella-specific effector T cells reveals serovar-specific and cross-reactive T cell responses. Nature Immunology, 2018, 19, 742-754.	14.5	27
18	Activation of Human Mucosal-Associated Invariant T Cells Induces CD40L-Dependent Maturation of Monocyte-Derived and Primary Dendritic Cells. Journal of Immunology, 2017, 199, 2631-2638.	0.8	96

#	Article	IF	Citations
19	Harnessing the Power of Invariant Natural Killer T Cells in Cancer Immunotherapy. Frontiers in Immunology, 2017, 8, 1829.	4.8	49
20	Elevated and crossâ€reactive CD1aâ€reactive T cells in bee and wasp venom allergic individuals. European Journal of Immunology, 2016, 46, 242-252.	2.9	51
21	The actin cytoskeleton modulates the activation of iNKT cells by segregating CD1d nanoclusters on antigen-presenting cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E772-81.	7.1	29
22	Filaggrin inhibits generation of CD1a neolipid antigens by house dust miteâ€“derived phospholipase. Science Translational Medicine, 2016, 8, 325ra18.	12.4	77
23	NKT-dependent B-cell activation in Gaucher disease. Blood, 2015, 125, 1200-1202.	1.4	3
24	MR1-Restricted Mucosal-Associated Invariant T Cells and Their Activation during Infectious Diseases. Frontiers in Immunology, 2015, 6, 303.	4.8	66
25	Regulation of Lipid Specific and Vitamin Specific Non-MHC Restricted T Cells by Antigen Presenting Cells and Their Therapeutic Potentials. Frontiers in Immunology, 2015, 6, 388.	4.8	15
26	Crossâ€reactivity of hepatitis C virus specific vaccineâ€induced T cells at immunodominant epitopes. European Journal of Immunology, 2015, 45, 309-316.	2.9	34
27	Bee venom processes human skin lipids for presentation by CD1a. Journal of Experimental Medicine, 2015, 212, 149-163.	8.5	98
28	The Regulatory Role of Invariant NKT Cells in Tumor Immunity. Cancer Immunology Research, 2015, 3, 425-435.	3.4	122
29	CD1d-dependent endogenous and exogenous lipid antigen presentation. Current Opinion in Immunology, 2015, 34, 116-125.	5.5	30
30	Essential role for autophagy during invariant NKT cell development. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5678-87.	7.1	95
31	Biology of CD1- and MR1-Restricted T Cells. Annual Review of Immunology, 2014, 32, 323-366.	21.8	233
32	Saposins modulate human invariant Natural Killer T cells self-reactivity and facilitate lipid exchange with CD1d molecules during antigen presentation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4753-61.	7.1	37
33	Invariant NKT Cell-Based Vaccine Strategies. , 2012, , 39-53.		2
34	Globosides but Not Isoglobosides Can Impact the Development of Invariant NKT Cells and Their Interaction with Dendritic Cells. Journal of Immunology, 2012, 189, 3007-3017.	0.8	38
35	Invariant natural killer <scp>T</scp> cells are not affected by lysosomal storage in patients with <scp>N</scp>iemannâ€<scp>P</scp>ick disease type <scp>C</scp>. European Journal of Immunology, 2012, 42, 1886-1892.	2.9	14
36	Reply to "Failure to detect production of IL-10 by activated human neutrophils". Nature Immunology, 2011, 12, 1018-1020.	14.5	22

#	Article	IF	Citations
37	Synthesis of truncated analogues of the iNKT cell agonist, Î±-galactosyl ceramide (KRN7000), and their biological evaluation. Bioorganic and Medicinal Chemistry, 2011, 19, 221-228.	3.0	8
38	Centriole polarisation to the immunological synapse directs secretion from cytolytic cells of both the innate and adaptive immune systems. BMC Biology, 2011, 9, 45.	3.8	60
39	Binding Strength and Dynamics of Invariant Natural Killer Cell T Cell Receptor/CD1d-Glycosphingolipid Interaction on Living Cells by Single Molecule Force Spectroscopy. Journal of Biological Chemistry, 2011, 286, 15973-15979.	3.4	20
40	Recent advances in processing and presentation of CD1 bound lipid antigens. Current Opinion in Immunology, 2010, 22, 81-88.	5.5	50
41	Invariant NKT cells modulate the suppressive activity of IL-10-secreting neutrophils differentiated with serum amyloid A. Nature Immunology, 2010, 11, 1039-1046.	14.5	269
42	Characterization of human DNGR-1+ BDCA3+ leukocytes as putative equivalents of mouse CD8Î±+ dendritic cells. Journal of Experimental Medicine, 2010, 207, 1261-1271.	8.5	613
43	Linking Inflammation to Natural Killer T Cell Activation. PLoS Biology, 2009, 7, e1000226.	5.6	17
44	Nonglycosidic Agonists of Invariant NKT Cells for Use as Vaccine Adjuvants. ChemMedChem, 2009, 4, 171-175.	3.2	22
45	Harnessing invariant NKT cells in vaccination strategies. Nature Reviews Immunology, 2009, 9, 28-38.	22.7	313
46	Phage displayâ€derived recombinant antibodies with TCRâ€like specificity against Î±â€galactosylceramide and its analogues in complex with human CD1d molecules. European Journal of Immunology, 2008, 38, 829-840.	2.9	15
47	Structural and Functional Aspects of Lipid Binding by CD1 Molecules. Annual Review of Cell and Developmental Biology, 2008, 24, 369-395.	9.4	48
48	Down-regulation of NKG2D and NKp80 ligands by Kaposi's sarcoma-associated herpesvirus K5 protects against NK cell cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1656-1661.	7.1	159
49	B cell receptor-mediated uptake of CD1d-restricted antigen augments antibody responses by recruiting invariant NKT cell helpin vivo. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8345-8350.	7.1	178
50	Cutting Edge: Nonglycosidic CD1d Lipid Ligands Activate Human and Murine Invariant NKT Cells. Journal of Immunology, 2008, 180, 6452-6456.	0.8	76
51	Invariant NKT cells reduce the immunosuppressive activity of influenza A virusâ€“induced myeloid-derived suppressor cells in mice and humans. Journal of Clinical Investigation, 2008, 118, 4036-4048.	8.2	299
52	Modulation of human natural killer T cell ligands on TLR-mediated antigen-presenting cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20490-20495.	7.1	173
53	Dendritic Cell Function Can Be Modulated through Cooperative Actions of TLR Ligands and Invariant NKT Cells. Journal of Immunology, 2007, 178, 2721-2729.	0.8	82
54	Implications for invariant natural killer T cell ligands due to the restricted presence of isoglobotrihexosylceramide in mammals. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5971-5976.	7.1	145

#	Article	IF	Citations
55	A closer look at CD1d molecules: new horizons in studying NKT cells. Trends in Immunology, 2007, 28, 455-462.	6.8	22
56	The length of lipids bound to human CD1d molecules modulates the affinity of NKT cell TCR and the threshold of NKT cell activation. Journal of Experimental Medicine, 2007, 204, 1131-1144.	8.5	206
57	T cell receptors get back to basics. Nature Immunology, 2007, 8, 1033-1035.	14.5	3
58	Characterization of Siglec-H as a novel endocytic receptor expressed on murine plasmacytoid dendritic cell precursors. Blood, 2006, 107, 3600-3608.	1.4	231
59	Expression of MHC Class Iâ€"Related Chain B (MICB) Molecules on Renal Transplant Biopsies. Transplantation, 2006, 81, 1196-1203.	1.0	51
60	Impaired selection of invariant natural killer T cells in diverse mouse models of glycosphingolipid lysosomal storage diseases. Journal of Experimental Medicine, 2006, 203, 2293-2303.	8.5	127
61	Role of Immunoproteasomes in Cross-Presentation. Journal of Immunology, 2006, 177, 983-990.	0.8	74
62	Viral Immunity: Cross-Priming with the Help of TLR3. Current Biology, 2005, 15, R336-R339.	3.9	29
63	Impact of Alpha Interferon and Ribavirin on the Function of Maturing Dendritic Cells. Antimicrobial Agents and Chemotherapy, 2004, 48, 3382-3389.	3.2	57
64	CpG-matured Murine Plasmacytoid Dendritic Cells Are Capable of In Vivo Priming of Functional CD8 T Cell Responses to Endogenous but Not Exogenous Antigens. Journal of Experimental Medicine, 2004, 199, 567-579.	8.5	171
65	Intravenous Injection of a Lentiviral Vector Encoding NY-ESO-1 Induces an Effective CTL Response. Journal of Immunology, 2004, 172, 1582-1587.	0.8	106
66	Immune Activation and CD8+ T-Cell Differentiation towards Senescence in HIV-1 Infection. PLoS Biology, 2004, 2, e20.	5.6	399
67	Utilizing the adjuvant properties of CD1d-dependent NK T cells in T cellâ€"mediated immunotherapy. Journal of Clinical Investigation, 2004, 114, 1800-1811.	8.2	150
68	Dendritic cells: a journey from laboratory to clinic. Nature Immunology, 2004, 5, 7-10.	14.5	194
69	The VITAL assay: a versatile fluorometric technique for assessing CTL- and NKT-mediated cytotoxicity against multiple targets in vitro and in vivo. Journal of Immunological Methods, 2004, 285, 25-40.	1.4	156
70	Biological function of the soluble CEACAM1 protein and implications in TAP2-deficient patients. European Journal of Immunology, 2004, 34, 2138-2148.	2.9	32
71	Lack of dendritic cell maturation by the plant toxin ricin. European Journal of Immunology, 2004, 34, 2149-2157.	2.9	5
72	The mechanisms controlling NK cell autoreactivity in TAP2-deficient patients. Blood, 2004, 103, 1770-1778.	1.4	62

#	Article	IF	Citations
73	Utilizing the adjuvant properties of CD1d-dependent NK T cells in T cellâ€“mediated immunotherapy. Journal of Clinical Investigation, 2004, 114, 1800-1811.	8.2	77
74	Plasmacytoid dendritic cells prime IFNâ€Î³â€secreting melanomaâ€specific CD8 lymphocytes and are found in primary melanoma lesions. European Journal of Immunology, 2003, 33, 1052-1062.	2.9	184
75	Generation of CD1 tetramers as a tool to monitor glycolipidâ€“specific T cells. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 875-877.	4.0	12
76	Lytic versus stimulatory synapse in cytotoxic T lymphocyte/target cell interaction: Manifestation of a dual activation threshold. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14145-14150.	7.1	190
77	NKT Cells Enhance CD4+ and CD8+ T Cell Responses to Soluble Antigen In Vivo through Direct Interaction with Dendritic Cells. Journal of Immunology, 2003, 171, 5140-5147.	0.8	445
78	Efficient priming of antigen-specific cytotoxic T lymphocytes by human cord blood dendritic cells. International Immunology, 2003, 15, 1265-1273.	4.0	42
79	VÎ±24-JÎ±Q-Independent, CD1d-Restricted Recognition of Î±-Galactosylceramide by Human CD4+ and CD8Î±Î²+ T Lymphocytes. Journal of Immunology, 2002, 168, 5514-5520.	0.8	142
80	Competition Between CTL Narrows the Immune Response Induced by Prime-Boost Vaccination Protocols. Journal of Immunology, 2002, 168, 4391-4398.	0.8	145
81	Immunotherapy of colorectal cancer. British Medical Bulletin, 2002, 64, 181-200.	6.9	11
82	The use of HLA class I tetramers to design a vaccination strategy for melanoma patients. Immunological Reviews, 2002, 188, 155-163.	6.0	23
83	Memory CD8+ T cells vary in differentiation phenotype in different persistent virus infections. Nature Medicine, 2002, 8, 379-385.	30.7	1,432
84	Mature Dendritic Cells Prime Functionally Superior Melan-A-Specific CD8+ Lymphocytes as Compared with Nonprofessional APC. Journal of Immunology, 2001, 167, 1188-1197.	0.8	64
85	Dendritic cell maturation is induced by mycoplasma infection but not by necrotic cells. European Journal of Immunology, 2000, 30, 705-708.	2.9	89
86	A Shift in the Phenotype of Melan-A-Specific CTL Identifies Melanoma Patients with an Active Tumor-Specific Immune Response. Journal of Immunology, 2000, 165, 6644-6652.	0.8	128
87	Dendritic cell maturation is induced by mycoplasma infection but not by necrotic cells. , 2000, 30, 705.		4
88	Maturation, Activation, and Protection of Dendritic Cells Induced by Double-stranded RNA. Journal of Experimental Medicine, 1999, 189, 821-829.	8.5	666
89	Inhibition of dendritic cell maturation by herpes simplex virus. European Journal of Immunology, 1999, 29, 3245-3253.	2.9	344
90	Essential and Partially Overlapping Role of CD3Î³ and CD3Î´ for Development of Î±Î² and Î³Î´ T Lymphocytes. Journal of Experimental Medicine, 1998, 188, 1375-1380.	8.5	29

#	Article	IF	Citations
91	Selective Inhibition of Ii-dependent Antigen Presentation by Helicobacter pylori Toxin VacA. Journal of Experimental Medicine, 1998, 187, 135-140.	8.5	270
92	Quantitative Contribution of CD4 and CD8 to T Cell Antigen Receptor Serial Triggering. Journal of Experimental Medicine, 1997, 186, 1775-1779.	8.5	87
93	Degradation of â€‰T Cell Receptor (TCR)â€“CD3-Î¶ Complexes after Antigenic Stimulation. Journal of Experimental Medicine, 1997, 185, 1859-1864.	8.5	283
94	CD3-Îµ Overexpressed in Prothymocytes Acts as an Oncogene. Molecular Medicine, 1997, 3, 72-81.	4.4	8
95	Agonist-induced T cell receptor down-regulation: molecular requirements and dissociation from T cell activation. European Journal of Immunology, 1997, 27, 1769-1773.	2.9	59
96	The angiogenesis induced by HIVâ€“1 Tat protein is mediated by the Flkâ€“1/KDR receptor on vascular endothelial cells. Nature Medicine, 1996, 2, 1371-1375.	30.7	363
97	Over-expression of CD3Îµ transgenes blocks T lymphocyte development. International Immunology, 1995, 7, 435-448.	4.0	51