

Jenny E Gumperz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

4,200
citations

28
h-index

56
g-index

56
ext. papers

4,529
ext. citations

8.6
avg, IF

4.91
L-index

#	Paper	IF	Citations
53	Functionally distinct subsets of CD1d-restricted natural killer T cells revealed by CD1d tetramer staining. <i>Journal of Experimental Medicine</i> , 2002 , 195, 625-36	16.6	627
52	Mechanism of CD1d-restricted natural killer T cell activation during microbial infection. <i>Nature Immunology</i> , 2003 , 4, 1230-7	19.1	569
51	Murine CD1d-restricted T cell recognition of cellular lipids. <i>Immunity</i> , 2000 , 12, 211-21	32.3	417
50	Apolipoprotein-mediated pathways of lipid antigen presentation. <i>Nature</i> , 2005 , 437, 906-10	50.4	299
49	A new model of Epstein-Barr virus infection reveals an important role for early lytic viral protein expression in the development of lymphomas. <i>Journal of Virology</i> , 2011 , 85, 165-77	6.6	200
48	CD1d-restricted NKT cells express a chemokine receptor profile indicative of Th1-type inflammatory homing cells. <i>Journal of Immunology</i> , 2003 , 171, 2571-80	5.3	190
47	Recognition of lyso-phospholipids by human natural killer T lymphocytes. <i>PLoS Biology</i> , 2009 , 7, e1000228	9.7	189
46	CD1-dependent dendritic cell instruction. <i>Nature Immunology</i> , 2002 , 3, 1163-8	19.1	189
45	Structural features of the acyl chain determine self-phospholipid antigen recognition by a CD1d-restricted invariant NKT (iNKT) cell. <i>Journal of Biological Chemistry</i> , 2003 , 278, 47508-15	5.4	116
44	Determination of cellular lipids bound to human CD1d molecules. <i>PLoS ONE</i> , 2009 , 4, e5325	3.7	114
43	CD1-specific T cells in microbial immunity. <i>Current Opinion in Immunology</i> , 2001 , 13, 471-8	7.8	105
42	Understanding the function of CD1-restricted T cells. <i>Nature Immunology</i> , 2003 , 4, 517-23	19.1	104
41	An Epstein-Barr Virus (EBV) mutant with enhanced BZLF1 expression causes lymphomas with abortive lytic EBV infection in a humanized mouse model. <i>Journal of Virology</i> , 2012 , 86, 7976-87	6.6	92
40	Conserved and heterogeneous lipid antigen specificities of CD1d-restricted NKT cell receptors. <i>Journal of Immunology</i> , 2006 , 176, 3625-34	5.3	84
39	Lysosomal localization of murine CD1d mediated by AP-3 is necessary for NK T cell development. <i>Journal of Immunology</i> , 2003 , 171, 4149-55	5.3	77
38	PD-1/CTLA-4 Blockade Inhibits Epstein-Barr Virus-Induced Lymphoma Growth in a Cord Blood Humanized-Mouse Model. <i>PLoS Pathogens</i> , 2016 , 12, e1005642	7.6	72
37	Lysophospholipid presentation by CD1d and recognition by a human Natural Killer T-cell receptor. <i>EMBO Journal</i> , 2012 , 31, 2047-59	13	53

36	Distinct endosomal trafficking requirements for presentation of autoantigens and exogenous lipids by human CD1d molecules. <i>Journal of Immunology</i> , 2007 , 178, 6181-90	5.3	52
35	NKT cells direct monocytes into a DC differentiation pathway. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 1224-35	6.5	48
34	LMP1-deficient Epstein-Barr virus mutant requires T cells for lymphomagenesis. <i>Journal of Clinical Investigation</i> , 2015 , 125, 304-15	15.9	47
33	Autoreactive natural killer T cells: promoting immune protection and immune tolerance through varied interactions with myeloid antigen-presenting cells. <i>Immunology</i> , 2010 , 130, 471-83	7.8	45
32	The ins and outs of CD1 molecules: bringing lipids under immunological surveillance. <i>Traffic</i> , 2006 , 7, 2-13	5.7	43
31	Adoptively transferred V β V α T cells show potent antitumor effects in a preclinical B cell lymphomagenesis model. <i>JCI Insight</i> , 2017 , 2,	9.9	41
30	Human invariant natural killer T cells acquire transient innate responsiveness via histone H4 acetylation induced by weak TCR stimulation. <i>Journal of Experimental Medicine</i> , 2012 , 209, 987-1000	16.6	38
29	Mice engrafted with human fetal thymic tissue and hematopoietic stem cells develop pathology resembling chronic graft-versus-host disease. <i>Biology of Blood and Marrow Transplantation</i> , 2013 , 19, 1310-22	4.7	37
28	Analysis of Immune Cells from Human Mammary Ductal Epithelial Organoids Reveals V α + T Cells That Efficiently Target Breast Carcinoma Cells in the Presence of Bisphosphonate. <i>Cancer Prevention Research</i> , 2016 , 9, 305-16	3.2	35
27	Natural killer T-cell autoreactivity leads to a specialized activation state. <i>Blood</i> , 2008 , 112, 4128-38	2.2	34
26	A live imaging cell motility screen identifies prostaglandin E2 as a T cell stop signal antagonist. <i>Journal of Immunology</i> , 2011 , 187, 3663-70	5.3	29
25	Analysis of the CD1 antigen presenting system in humanized SCID mice. <i>PLoS ONE</i> , 2011 , 6, e21701	3.7	28
24	Human NKT cells promote monocyte differentiation into suppressive myeloid antigen-presenting cells. <i>Journal of Leukocyte Biology</i> , 2009 , 86, 757-68	6.5	24
23	Modulation of CD1d-restricted NKT cell responses by CD4. <i>Journal of Leukocyte Biology</i> , 2007 , 82, 1455-65	6.5	21
22	CD1d-restricted "NKT" cells and myeloid IL-12 production: an immunological crossroads leading to promotion or suppression of effective anti-tumor immune responses?. <i>Journal of Leukocyte Biology</i> , 2004 , 76, 307-13	6.5	21
21	Mucosal associated invariant T cells from human breast ducts mediate a Th17-skewed response to bacterially exposed breast carcinoma cells. <i>Breast Cancer Research</i> , 2018 , 20, 111	8.3	17
20	An EBNA3C-deleted Epstein-Barr virus (EBV) mutant causes B-cell lymphomas with delayed onset in a cord blood-humanized mouse model. <i>PLoS Pathogens</i> , 2018 , 14, e1007221	7.6	15
19	Human iNKT Cells Promote Protective Inflammation by Inducing Oscillating Purinergic Signaling in Monocyte-Derived DCs. <i>Cell Reports</i> , 2016 , 16, 3273-3285	10.6	15

18	Human NKT cells direct the differentiation of myeloid APCs that regulate T cell responses via expression of programmed cell death ligands. <i>Journal of Autoimmunity</i> , 2011 , 37, 28-38	15.5	13
17	B cells infected with Type 2 Epstein-Barr virus (EBV) have increased NFATc1/NFATc2 activity and enhanced lytic gene expression in comparison to Type 1 EBV infection. <i>PLoS Pathogens</i> , 2020 , 16, e1008365	7.6	12
16	Human Invariant NKT Cells Induce IL-1 β Secretion by Peripheral Blood Monocytes via a P2X7-Independent Pathway. <i>Journal of Immunology</i> , 2016 , 197, 2455-64	5.3	11
15	Modeling Human Antitumor Responses Using Umbilical Cord Blood-Engrafted Mice. <i>Frontiers in Immunology</i> , 2018 , 9, 54	8.4	9
14	Antigen specificity of semi-invariant CD1d-restricted T cell receptors: the best of both worlds?. <i>Immunology and Cell Biology</i> , 2004 , 82, 285-94	5	9
13	Loss of Chondroitin Sulfate Modification Causes Inflammation and Neurodegeneration in Mice. <i>Genetics</i> , 2020 , 214, 121-134	4	9
12	Expression of CD1c enhances human invariant NKT cell activation by EGalCer. <i>Cancer Immunity</i> , 2013 , 13, 9		7
11	Different Human Immune Lineage Compositions Are Generated in Non-Conditioned NBSGW Mice Depending on HSPC Source. <i>Frontiers in Immunology</i> , 2020 , 11, 573406	8.4	7
10	LFA-1 Ligation by High-Density ICAM-1 Is Sufficient To Activate IFN- γ Release by Innate T Lymphocytes. <i>Journal of Immunology</i> , 2018 , 201, 2452-2461	5.3	7
9	Early T Cell Activation Metrics Predict Graft-versus-Host Disease in a Humanized Mouse Model of Hematopoietic Stem Cell Transplantation. <i>Journal of Immunology</i> , 2020 , 205, 272-281	5.3	5
8	Generation of HLA class I transfected target cell lines. <i>Methods in Molecular Biology</i> , 2000 , 121, 49-60	1.4	5
7	Mucosal-Associated Invariant T Cells in Tumors of Epithelial Origin. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1224, 63-77	3.6	5
6	Are human iNKT cells keeping tabs on lipidome perturbations triggered by oxidative stress in the blood?. <i>Immunogenetics</i> , 2016 , 68, 611-22	3.2	5
5	An EBNA3A-Mutated Epstein-Barr Virus Retains the Capacity for Lymphomagenesis in a Cord Blood-Humanized Mouse Model. <i>Journal of Virology</i> , 2020 , 94,	6.6	4
4	Expansion and Adoptive Transfer of Human V α T Cells to Assess Antitumor Effects In Vivo. <i>Methods in Molecular Biology</i> , 2019 , 1884, 57-72	1.4	2
3	Reduced IRF4 expression promotes lytic phenotype in Type 2 EBV-infected B cells.. <i>PLoS Pathogens</i> , 2022 , 18, e1010453	7.6	2
2	Differentiation of a CD4/CD8 β Double Positive T Cell Population from the CD8 Pool Is Both Predictive and Sufficient to Mediate Graft-Vs-Host Disease. <i>Blood</i> , 2021 , 138, 2761-2761	2.2	
1	SEC is an antiangiogenic virulence factor that promotes endocarditis independent of superantigen activity.. <i>Science Advances</i> , 2022 , 8, eabo1072	14.3	

