

Giulia Casorati

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4838445/giulia-casorati-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

109
papers

6,957
citations

43
h-index

83
g-index

116
ext. papers

7,511
ext. citations

8.3
avg, IF

4.81
L-index

#	Paper	IF	Citations
109	Gene therapy in peripheral blood lymphocytes and bone marrow for ADA- immunodeficient patients. <i>Science</i> , 1995 , 270, 470-5	33.3	655
108	CD1d-mediated recognition of an alpha-galactosylceramide by natural killer T cells is highly conserved through mammalian evolution. <i>Journal of Experimental Medicine</i> , 1998 , 188, 1521-8	16.6	554
107	Expression of two T cell receptor alpha chains: dual receptor T cells. <i>Science</i> , 1993 , 262, 422-4	33.3	432
106	An invariant V alpha 24-J alpha Q/V beta 11 T cell receptor is expressed in all individuals by clonally expanded CD4-8- T cells. <i>Journal of Experimental Medicine</i> , 1994 , 180, 1171-6	16.6	387
105	Editing T cell specificity towards leukemia by zinc finger nucleases and lentiviral gene transfer. <i>Nature Medicine</i> , 2012 , 18, 807-815	50.5	333
104	CD1d-restricted help to B cells by human invariant natural killer T lymphocytes. <i>Journal of Experimental Medicine</i> , 2003 , 197, 1051-7	16.6	210
103	Invariant NKT cells sustain specific B cell responses and memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 3984-9	11.5	198
102	Selection by two powerful antigens may account for the presence of the major population of human peripheral gamma/delta T cells. <i>Journal of Experimental Medicine</i> , 1991 , 173, 1311-22	16.6	186
101	Immune reconstitution in ADA-SCID after PBL gene therapy and discontinuation of enzyme replacement. <i>Nature Medicine</i> , 2002 , 8, 423-5	50.5	173
100	Molecular analysis of human gamma/delta+ clones from thymus and peripheral blood. <i>Journal of Experimental Medicine</i> , 1989 , 170, 1521-35	16.6	156
99	Age-related modifications of the human alphabeta T cell repertoire due to different clonal expansions in the CD4+ and CD8+ subsets. <i>International Immunology</i> , 1998 , 10, 1281-8	4.9	137
98	In vivo persistence of expanded clones specific for bacterial antigens within the human T cell receptor alpha/beta CD4-8- subset. <i>Journal of Experimental Medicine</i> , 1993 , 177, 1763-71	16.6	132
97	Activation of invariant NKT cells by alphaGalCer administration protects mice from MOG35-55-induced EAE: critical roles for administration route and IFN-gamma. <i>European Journal of Immunology</i> , 2003 , 33, 1830-8	6.1	118
96	Production of profibrotic cytokines by invariant NKT cells characterizes cirrhosis progression in chronic viral hepatitis. <i>Journal of Immunology</i> , 2004 , 173, 1417-25	5.3	117
95	T cell priming by dendritic cells: thresholds for proliferation, differentiation and death and intracлонаl functional diversification. <i>European Journal of Immunology</i> , 2002 , 32, 2046-54	6.1	106
94	Relevance of the tumor antigen in the validation of three vaccination strategies for melanoma. <i>Journal of Immunology</i> , 2000 , 165, 2651-6	5.3	106
93	Co-expression of B7-1 and ICAM-1 on tumors is required for rejection and the establishment of a memory response. <i>European Journal of Immunology</i> , 1995 , 25, 1154-62	6.1	106

92	Neonatal invariant Valpha24+ NKT lymphocytes are activated memory cells. <i>European Journal of Immunology</i> , 2000 , 30, 1544-50	6.1	104
91	T-cell clonality in immune responses. <i>Trends in Immunology</i> , 1999 , 20, 262-6		102
90	High-frequency and adaptive-like dynamics of human CD1 self-reactive T cells. <i>European Journal of Immunology</i> , 2011 , 41, 602-10	6.1	99
89	Up-regulation of CD1d expression restores the immunoregulatory function of NKT cells and prevents autoimmune diabetes in nonobese diabetic mice. <i>Journal of Immunology</i> , 2004 , 172, 5908-16	5.3	87
88	Antigen recognition by human T cell receptor gamma-positive lymphocytes. Specific lysis of allogeneic cells after activation in mixed lymphocyte culture. <i>Journal of Experimental Medicine</i> , 1988 , 167, 1517-22	16.6	87
87	Development of lymphocytes in interleukin 7-transgenic mice. <i>European Journal of Immunology</i> , 1991 , 21, 453-60	6.1	79
86	Follicular helper NKT cells induce limited B cell responses and germinal center formation in the absence of CD4(+) T cell help. <i>Journal of Immunology</i> , 2012 , 188, 3217-22	5.3	78
85	Dicer-dependent microRNA pathway controls invariant NKT cell development. <i>Journal of Immunology</i> , 2009 , 183, 2506-12	5.3	77
84	Selective activation, expansion, and monitoring of human iNKT cells with a monoclonal antibody specific for the TCR alpha-chain CDR3 loop. <i>European Journal of Immunology</i> , 2008 , 38, 1756-66	6.1	77
83	Rearrangements of immunoglobulin and T cell receptor beta and gamma genes are associated with terminal deoxynucleotidyl transferase expression in acute myeloid leukemia. <i>Journal of Experimental Medicine</i> , 1987 , 165, 879-90	16.6	77
82	NKT-cell help to B lymphocytes can occur independently of cognate interaction. <i>Blood</i> , 2009 , 113, 370-6	2.2	76
81	CD3+4-8-WT31-(T cell receptor gamma+) cells and other unusual phenotypes are frequently detected among spontaneously interleukin 2-responsive T lymphocytes present in the joint fluid in juvenile rheumatoid arthritis. A clonal analysis. <i>European Journal of Immunology</i> , 1987 , 17, 1815-9	6.1	74
80	Invariant NKT cell reconstitution in pediatric leukemia patients given HLA-haploidentical stem cell transplantation defines distinct CD4+ and CD4- subset dynamics and correlates with remission state. <i>Journal of Immunology</i> , 2011 , 186, 4490-9	5.3	71
79	A novel self-lipid antigen targets human T cells against CD1c(+) leukemias. <i>Journal of Experimental Medicine</i> , 2014 , 211, 1363-77	16.6	69
78	Lipid-protein interactions: biosynthetic assembly of CD1 with lipids in the endoplasmic reticulum is evolutionarily conserved. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 1022-6	11.5	67
77	Cutting edge: influence of the TCR Vbeta domain on the selection of semi-invariant NKT cells by endogenous ligands. <i>Journal of Immunology</i> , 2006 , 176, 2064-8	5.3	65
76	Targeted inactivation of the COP9 signalosome impairs multiple stages of T cell development. <i>Journal of Experimental Medicine</i> , 2008 , 205, 465-77	16.6	61
75	Intracellular modulation, extracellular disposal and serum increase of MiR-150 mark lymphocyte activation. <i>PLoS ONE</i> , 2013 , 8, e75348	3.7	58

74	Targeted expression of human CD1d in transgenic mice reveals independent roles for thymocytes and thymic APCs in positive and negative selection of Valpha14i NKT cells. <i>Journal of Immunology</i> , 2005 , 175, 7303-10	5.3	54
73	iNKT cells control mouse spontaneous carcinoma independently of tumor-specific cytotoxic T cells. <i>PLoS ONE</i> , 2010 , 5, e8646	3.7	51
72	The Wiskott-Aldrich syndrome protein is required for iNKT cell maturation and function. <i>Journal of Experimental Medicine</i> , 2009 , 206, 735-42	16.6	48
71	A comparison of two techniques for the molecular tracking of specific T-cell responses; CD4+ human T-cell clones persist in a stable hierarchy but at a lower frequency than clones in the CD8+ population. <i>Immunology</i> , 1998 , 94, 529-35	7.8	48
70	An improved PCR-heteroduplex method permits high-sensitivity detection of clonal expansions in complex T cell populations. <i>Journal of Immunological Methods</i> , 1996 , 196, 181-92	2.5	47
69	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, 14228-33	11.5	46
68	Heterogeneous effects of B7-1 and B7-2 in the induction of both protective and therapeutic anti-tumor immunity against different mouse tumors. <i>European Journal of Immunology</i> , 1996 , 26, 1851-9 ^{6.1}	6.1	46
67	Human T cells expressing the gamma/delta T-cell receptor (TcR-1): C gamma 1- and C gamma 2-encoded forms of the receptor correlate with distinctive morphology, cytoskeletal organization, and growth characteristics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 1619-23	11.5	43
66	CD4(+) T cells from healthy subjects and colon cancer patients recognize a carcinoembryonic antigen-specific immunodominant epitope. <i>Cancer Research</i> , 2003 , 63, 8481-6	10.1	42
65	CD4 engagement by CD1d potentiates activation of CD4+ invariant NKT cells. <i>Blood</i> , 2007 , 110, 251-8	2.2	41
64	Emergence of antitumor cytolytic T cells is associated with maintenance of hematologic remission in children with acute myeloid leukemia. <i>Blood</i> , 2006 , 108, 3843-50	2.2	41
63	In vitro priming of cytotoxic T lymphocytes against poorly immunogenic epitopes by engineered antigen-presenting cells. <i>European Journal of Immunology</i> , 1994 , 24, 2691-8	6.1	41
62	Invariant NKT cells contribute to chronic lymphocytic leukemia surveillance and prognosis. <i>Blood</i> , 2017 , 129, 3440-3451	2.2	40
61	T cell neoepitope discovery in colorectal cancer by high throughput profiling of somatic mutations in expressed genes. <i>Gut</i> , 2017 , 66, 454-463	19.2	37
60	Innate immune responses support adaptive immunity: NKT cells induce B cell activation. <i>Vaccine</i> , 2003 , 21 Suppl 2, S48-54	4.1	37
59	T cell receptor heterogeneity in gamma delta T cell clones from intestinal biopsies of patients with celiac disease. <i>European Journal of Immunology</i> , 1993 , 23, 499-504	6.1	37
58	Initiation of antiretroviral therapy during primary HIV-1 infection induces rapid stabilization of the T-cell receptor α chain repertoire and reduces the level of T-cell oligoclonality. <i>Blood</i> , 2000 , 95, 1743-1751 ^{2.2}	2.2	36
57	miR-17~92 family clusters control iNKT cell ontogenesis via modulation of TGF- β signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E8286-E8295 ^{11.5}	11.5	36

56	Human peripheral blood lymphocytes bearing T cell receptor gamma/delta. Expression of CD8 differentiation antigen correlates with the expression of the 55-kD, C gamma 2-encoded gamma chain. <i>Journal of Experimental Medicine</i> , 1988 , 168, 2349-54	16.6	34
55	Bimodal CD40/Fas-Dependent Crosstalk between iNKT Cells and Tumor-Associated Macrophages Impairs Prostate Cancer Progression. <i>Cell Reports</i> , 2018 , 22, 3006-3020	10.6	32
54	iNKT-cell help to B cells: a cooperative job between innate and adaptive immune responses. <i>European Journal of Immunology</i> , 2014 , 44, 2230-7	6.1	30
53	Invariant TCR rather than CD1d shapes the preferential activities of C-glycoside analogues against human versus murine invariant NKT cells. <i>Journal of Immunology</i> , 2009 , 183, 4415-21	5.3	30
52	Somatically mutated tumor antigens in the quest for a more efficacious patient-oriented immunotherapy of cancer. <i>Cancer Immunology, Immunotherapy</i> , 2015 , 64, 99-104	7.4	29
51	Presentation of peptides by cultured monocytes or activated T cells allows specific priming of human cytotoxic T lymphocytes in vitro. <i>International Immunology</i> , 1995 , 7, 1741-52	4.9	29
50	Use of MHC class II tetramers to investigate CD4+ T cell responses: problems and solutions. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008 , 73, 1010-8	4.6	27
49	Recruitment of circulating allergen-specific T lymphocytes to the lung on allergen challenge in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 1997 , 100, 669-78	11.5	26
48	Casting a wider net: Immunosurveillance by nonclassical MHC molecules. <i>PLoS Pathogens</i> , 2019 , 15, e1007567	7.6	26
47	Innate-like effector differentiation of human invariant NKT cells driven by IL-7. <i>Journal of Immunology</i> , 2008 , 180, 4415-24	5.3	25
46	Human invariant V alpha 24-J alpha Q TCR supports the development of CD1d-dependent NK1.1+ and NK1.1- T cells in transgenic mice. <i>Journal of Immunology</i> , 2003 , 170, 2390-8	5.3	24
45	On the use of donor-derived iNKT cells for adoptive immunotherapy to prevent leukemia recurrence in pediatric recipients of HLA haploidentical HSCT for hematological malignancies. <i>Clinical Immunology</i> , 2011 , 140, 152-9	9	23
44	Dual receptor T-cells. Implications for alloreactivity and autoimmunity. <i>Annals of the New York Academy of Sciences</i> , 1995 , 756, 66-70	6.5	23
43	Heterogeneity of large granular lymphocyte proliferations: morphological, immunological and molecular analysis in seven patients. <i>British Journal of Haematology</i> , 1987 , 66, 187-91	4.5	23
42	Vaccination with mouse mammary adenocarcinoma cells coexpressing B7-1 (CD80) and B7-2 (CD86) discloses the dominant effect of B7-1 in the induction of antitumor immunity. <i>Journal of Immunology</i> , 2000 , 164, 698-704	5.3	22
41	The T cell receptor alpha beta V-J shuffling shows lack of autonomy between the combining site and the constant domain of the receptor chains. <i>European Journal of Immunology</i> , 1993 , 23, 586-9	6.1	21
40	Nonrandom TRG gamma variable gene rearrangement in normal human T cells and T cell leukemias. <i>European Journal of Immunology</i> , 1988 , 18, 173-8	6.1	20
39	Restriction of the T-cell receptor V delta gene repertoire is due to preferential rearrangement and is independent of antigen selection. <i>Immunogenetics</i> , 1995 , 42, 323-332	3.2	18

38	Generation of functional HLA-DR*1101 tetramers receptive for loading with pathogen- or tumour-derived synthetic peptides. <i>BMC Immunology</i> , 2005 , 6, 24	3.7	16
37	Molecular and immunological evidence of B-cell commitment in "null" acute lymphoblastic leukaemia. <i>International Journal of Cancer</i> , 1986 , 38, 317-23	7.5	16
36	Invariant natural killer T cells reconstitution and the control of leukemia relapse in pediatric haploidentical hematopoietic stem cell transplantation. <i>Onc Immunology</i> , 2012 , 1, 355-357	7.2	15
35	Phage display-derived recombinant antibodies with TCR-like specificity against alpha-galactosylceramide and its analogues in complex with human CD1d molecules. <i>European Journal of Immunology</i> , 2008 , 38, 829-40	6.1	15
34	Group 1 CD1-restricted T cells and the pathophysiological implications of self-lipid antigen recognition. <i>Tissue Antigens</i> , 2015 , 86, 393-405		12
33	Bone marrow-resident memory T cells survive pretransplant chemotherapy and contribute to early immune reconstitution of patients with acute myeloid leukemia given mafosfamide-purged autologous bone marrow transplantation. <i>Experimental Hematology</i> , 2005 , 33, 212-8	3.1	12
32	CD4+ T cell immunity against the human papillomavirus-18 E6 transforming protein in healthy donors: identification of promiscuous naturally processed epitopes. <i>European Journal of Immunology</i> , 2005 , 35, 806-15	6.1	11
31	Boosting Interleukin-12 Antitumor Activity and Synergism with Immunotherapy by Targeted Delivery with isoDGR-Tagged Nanogold. <i>Small</i> , 2019 , 15, e1903462	11	10
30	The circulating microRNome demonstrates distinct lymphocyte subset-dependent signatures. <i>European Journal of Immunology</i> , 2016 , 46, 725-31	6.1	10
29	Functional education of invariant NKT cells by dendritic cell tuning of SHP-1. <i>Journal of Immunology</i> , 2013 , 190, 3299-308	5.3	9
28	Clonally expanded CD3+, CD4-, CD8- cells bearing the alpha/beta or the gamma/delta T-cell receptor in patients with the lymphoproliferative disease of granular lymphocytes. <i>Clinical Immunology and Immunopathology</i> , 1991 , 60, 371-83		9
27	Targeting leukemia by CD1c-restricted T cells specific for a novel lipid antigen. <i>Onc Immunology</i> , 2015 , 4, e970463	7.2	8
26	The Pathophysiological Relevance of the iNKT Cell/Mononuclear Phagocyte Crosstalk in Tissues. <i>Frontiers in Immunology</i> , 2018 , 9, 2375	8.4	8
25	MAGE-A3(161-175) contains an HLA-DRbeta4 restricted natural epitope poorly formed through indirect presentation by dendritic cells. <i>Cancer Immunology, Immunotherapy</i> , 2008 , 57, 207-15	7.4	7
24	A Subset of CD8 α Invariant NKT Cells in a Humanized Mouse Model. <i>Journal of Immunology</i> , 2015 , 195, 1459-69	5.3	6
23	The CD4+ T-cell epitope-binding register is a critical parameter when generating functional HLA-DR tetramers with promiscuous peptides. <i>European Journal of Immunology</i> , 2010 , 40, 1603-16	6.1	6
22	Harnessing the CD1 restricted T cell response for leukemia adoptive immunotherapy. <i>Cytokine and Growth Factor Reviews</i> , 2017 , 36, 117-123	17.9	5
21	Peptidome from renal cell carcinoma contains antigens recognized by CD4+ T cells and shared among tumors of different histology. <i>Clinical Cancer Research</i> , 2006 , 12, 4949-57	12.9	5

20	The TCR V delta repertoire and the restricted TCR V gene expression and pairing. <i>Research in Immunology</i> , 1990 , 141, 624-5		5
19	An efficient strategy to induce and maintain in vitro human T cells specific for autologous non-small cell lung carcinoma. <i>PLoS ONE</i> , 2010 , 5, e12014	3.7	3
18	Mir106b-25 and Mir17-92 Are Crucially Involved in the Development of Experimental Neuroinflammation. <i>Frontiers in Neurology</i> , 2020 , 11, 912	4.1	3
17	Flow cytometry data mining by cytoChain identifies determinants of exhaustion and stemness in TCR-engineered T cells. <i>European Journal of Immunology</i> , 2021 , 51, 1992-2005	6.1	3
16	Multiple Inhibitory Receptors Are Expressed on Central Memory and Memory Stem T Cells Infiltrating the Bone Marrow of AML Patients Relapsing after Allo-HSCT. <i>Blood</i> , 2016 , 128, 4564-4564	2.2	2
15	Potential advantages of CD1-restricted T cell immunotherapy in cancer. <i>Molecular Immunology</i> , 2018 , 103, 200-208	4.3	2
14	Of self-lipids, CD1-restricted T cells, and contact sensitization. <i>European Journal of Immunology</i> , 2017 , 47, 1119-1122	6.1	1
13	B Cell Help by CD1d-Restricted NKT Cells. <i>Antibodies</i> , 2015 , 4, 279-294	7	1
12	B cell helper assays. <i>Methods in Molecular Biology</i> , 2009 , 514, 15-26	1.4	1
11	Cytokine-Induced Memory-Like NK Cells with High Reactivity against Acute Leukemia Blasts and Solid Tumor Cells Suitable for Adoptive Immunotherapy Approaches. <i>Cancers</i> , 2021 , 13,	6.6	1
10	Exploiting CD1-restricted T cells for clinical benefit. <i>Molecular Immunology</i> , 2021 , 132, 126-131	4.3	1
9	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	17.4	1
8	TCR Gene Editing Results in Effective Immunotherapy of Leukemia without the Development of GvHD. <i>Blood</i> , 2011 , 118, 667-667	2.2	0
7	CD4+ T cells sustain aggressive chronic lymphocytic leukemia in E μ TCL1 mice through a CD40L-independent mechanism. <i>Blood Advances</i> , 2021 , 5, 2817-2828	7.8	0
6	miR-21 sustains CD28 signalling and low-affinity T-cell responses at the expense of self-tolerance. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1321	6.8	0
5	Workflow for high-dimensional flow cytometry analysis of T cells from tumor metastases. <i>Life Science Alliance</i> , 2022 , 5, e202101316	5.8	0
4	Exhausted Central Memory and Memory Stem T Cells Specific for Leukemia Infiltrate the Bone Marrow of AML Patients Relapsing after Allogeneic HSCT. <i>Blood</i> , 2018 , 132, 2028-2028	2.2	
3	CD4+ T Cells Sustain Aggressive Chronic Lymphocytic Leukemia through a CD40L-Independent Mechanism. <i>Blood</i> , 2019 , 134, 683-683	2.2	

- 2 The Wiskott-Aldrich syndrome protein is required for iNKT cell maturation and function. *Journal of Cell Biology*, **2009**, 185, i1-i1 7.3
- 1 Editing Human Lymphocyte Specificity for Safe and Effective Adoptive Immunotherapy of Leukemia.. *Blood*, **2010**, 116, 3764-3764 2.2