

# Giulia Casorati

## List of Publications by Year in Descending Order

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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.

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	Workflow for high-dimensional flow cytometry analysis of T cells from tumor metastases. <i>Life Science Alliance</i> , <b>2022</b> , 5, e202101316	5.8	0
108	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> , <b>2021</b> , 13,	6.6	1
107	Exploiting CD1-restricted T cells for clinical benefit. <i>Molecular Immunology</i> , <b>2021</b> , 132, 126-131	4.3	1
106	Flow cytometry data mining by cytoChain identifies determinants of exhaustion and stemness in TCR-engineered T cells. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 1992-2005	6.1	3
105	CD4+ T cells sustain aggressive chronic lymphocytic leukemia in E $\mu$ TCL1 mice through a CD40L-independent mechanism. <i>Blood Advances</i> , <b>2021</b> , 5, 2817-2828	7.8	0
104	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
103	miR-21 sustains CD28 signalling and low-affinity T-cell responses at the expense of self-tolerance. <i>Clinical and Translational Immunology</i> , <b>2021</b> , 10, e1321	6.8	0
102	Mir106b-25 and Mir17-92 Are Crucially Involved in the Development of Experimental Neuroinflammation. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 912	4.1	3
101	Boosting Interleukin-12 Antitumor Activity and Synergism with Immunotherapy by Targeted Delivery with isoDGR-Tagged Nanogold. <i>Small</i> , <b>2019</b> , 15, e1903462	11	10
100	CD4+ T Cells Sustain Aggressive Chronic Lymphocytic Leukemia through a CD40L-Independent Mechanism. <i>Blood</i> , <b>2019</b> , 134, 683-683	2.2	
99	Casting a wider net: Immunosurveillance by nonclassical MHC molecules. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007567	26	
98	Bimodal CD40/Fas-Dependent Crosstalk between iNKT Cells and Tumor-Associated Macrophages Impairs Prostate Cancer Progression. <i>Cell Reports</i> , <b>2018</b> , 22, 3006-3020	10.6	32
97	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> , <b>2018</b> , 132, 2028-2028	2.2	
96	Potential advantages of CD1-restricted T cell immunotherapy in cancer. <i>Molecular Immunology</i> , <b>2018</b> , 103, 200-208	4.3	2
95	The Pathophysiological Relevance of the iNKT Cell/Mononuclear Phagocyte Crosstalk in Tissues. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2375	8.4	8
94	T cell neoepitope discovery in colorectal cancer by high throughput profiling of somatic mutations in expressed genes. <i>Gut</i> , <b>2017</b> , 66, 454-463	19.2	37
93	Invariant NKT cells contribute to chronic lymphocytic leukemia surveillance and prognosis. <i>Blood</i> , <b>2017</b> , 129, 3440-3451	2.2	40

92	Of self-lipids, CD1-restricted T cells, and contact sensitization. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1119-1122	6.1	1
91	Harnessing the CD1 restricted T cell response for leukemia adoptive immunotherapy. <i>Cytokine and Growth Factor Reviews</i> , <b>2017</b> , 36, 117-123	17.9	5
90	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> , <b>2016</b> , 128, 4564-4564	2.2	2
89	The circulating microRNome demonstrates distinct lymphocyte subset-dependent signatures. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 725-31	6.1	10
88	miR-17~92 family clusters control iNKT cell ontogenesis via modulation of TGF- $\beta$ signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E8286-E8295 <sup>11.5</sup>		36
87	A Subset of CD8 $\beta$ Invariant NKT Cells in a Humanized Mouse Model. <i>Journal of Immunology</i> , <b>2015</b> , 195, 1459-69	5.3	6
86	Targeting leukemia by CD1c-restricted T cells specific for a novel lipid antigen. <i>Onc Immunology</i> , <b>2015</b> , 4, e970463	7.2	8
85	Group 1 CD1-restricted T cells and the pathophysiological implications of self-lipid antigen recognition. <i>Tissue Antigens</i> , <b>2015</b> , 86, 393-405		12
84	B Cell Help by CD1d-Restricted NKT Cells. <i>Antibodies</i> , <b>2015</b> , 4, 279-294	7	1
83	Somatically mutated tumor antigens in the quest for a more efficacious patient-oriented immunotherapy of cancer. <i>Cancer Immunology, Immunotherapy</i> , <b>2015</b> , 64, 99-104	7.4	29
82	iNKT-cell help to B cells: a cooperative job between innate and adaptive immune responses. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 2230-7	6.1	30
81	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
80	Functional education of invariant NKT cells by dendritic cell tuning of SHP-1. <i>Journal of Immunology</i> , <b>2013</b> , 190, 3299-308	5.3	9
79	Intracellular modulation, extracellular disposal and serum increase of MiR-150 mark lymphocyte activation. <i>PLoS ONE</i> , <b>2013</b> , 8, e75348	3.7	58
78	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> , <b>2012</b> , 188, 3217-22	5.3	78
77	Editing T cell specificity towards leukemia by zinc finger nucleases and lentiviral gene transfer. <i>Nature Medicine</i> , <b>2012</b> , 18, 807-815	50.5	333
76	Invariant natural killer T cells reconstitution and the control of leukemia relapse in pediatric haploidentical hematopoietic stem cell transplantation. <i>Onc Immunology</i> , <b>2012</b> , 1, 355-357	7.2	15
75	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> , <b>2011</b> , 140, 152-9	9	23

74	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
73	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
72	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> , <b>2011</b> , 186, 4490-9	5.3	71
71	TCR Gene Editing Results in Effective Immunotherapy of Leukemia without the Development of GvHD. <i>Blood</i> , <b>2011</b> , 118, 667-667	2.2	0
70	iNKT cells control mouse spontaneous carcinoma independently of tumor-specific cytotoxic T cells. <i>PLoS ONE</i> , <b>2010</b> , 5, e8646	3.7	51
69	An efficient strategy to induce and maintain in vitro human T cells specific for autologous non-small cell lung carcinoma. <i>PLoS ONE</i> , <b>2010</b> , 5, e12014	3.7	3
68	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> , <b>2010</b> , 40, 1603-16	6.1	6
67	Editing Human Lymphocyte Specificity for Safe and Effective Adoptive Immunotherapy of Leukemia.. <i>Blood</i> , <b>2010</b> , 116, 3764-3764	2.2	
66	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> , <b>2009</b> , 183, 4415-21	5.3	30
65	Dicer-dependent microRNA pathway controls invariant NKT cell development. <i>Journal of Immunology</i> , <b>2009</b> , 183, 2506-12	5.3	77
64	The Wiskott-Aldrich syndrome protein is required for iNKT cell maturation and function. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 735-42	16.6	48
63	NKT-cell help to B lymphocytes can occur independently of cognate interaction. <i>Blood</i> , <b>2009</b> , 113, 370-6	2.2	76
62	B cell helper assays. <i>Methods in Molecular Biology</i> , <b>2009</b> , 514, 15-26	1.4	1
61	The Wiskott-Aldrich syndrome protein is required for iNKT cell maturation and function. <i>Journal of Cell Biology</i> , <b>2009</b> , 185, i1-i1	7.3	
60	Innate-like effector differentiation of human invariant NKT cells driven by IL-7. <i>Journal of Immunology</i> , <b>2008</b> , 180, 4415-24	5.3	25
59	Targeted inactivation of the COP9 signalosome impairs multiple stages of T cell development. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 465-77	16.6	61
58	MAGE-A3(161-175) contains an HLA-DRbeta4 restricted natural epitope poorly formed through indirect presentation by dendritic cells. <i>Cancer Immunology, Immunotherapy</i> , <b>2008</b> , 57, 207-15	7.4	7
57	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> , <b>2008</b> , 73, 1010-8	4.6	27

56	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> , <b>2008</b> , 38, 829-40	6.1	15
55	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> , <b>2008</b> , 38, 1756-66	6.1	77
54	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> , <b>2007</b> , 104, 3984-9	11.5	198
53	CD4 engagement by CD1d potentiates activation of CD4+ invariant NKT cells. <i>Blood</i> , <b>2007</b> , 110, 251-8	2.2	41
52	Cutting edge: influence of the TCR Vbeta domain on the selection of semi-invariant NKT cells by endogenous ligands. <i>Journal of Immunology</i> , <b>2006</b> , 176, 2064-8	5.3	65
51	Peptidome from renal cell carcinoma contains antigens recognized by CD4+ T cells and shared among tumors of different histology. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 4949-57	12.9	5
50	Emergence of antitumor cytolytic T cells is associated with maintenance of hematologic remission in children with acute myeloid leukemia. <i>Blood</i> , <b>2006</b> , 108, 3843-50	2.2	41
49	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> , <b>2005</b> , 33, 212-8	3.1	12
48	Generation of functional HLA-DR*1101 tetramers receptive for loading with pathogen- or tumour-derived synthetic peptides. <i>BMC Immunology</i> , <b>2005</b> , 6, 24	3.7	16
47	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> , <b>2005</b> , 35, 806-15	6.1	11
46	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> , <b>2005</b> , 175, 7303-10	5.3	54
45	Production of profibrotic cytokines by invariant NKT cells characterizes cirrhosis progression in chronic viral hepatitis. <i>Journal of Immunology</i> , <b>2004</b> , 173, 1417-25	5.3	117
44	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> , <b>2004</b> , 101, 1022-6	11.5	67
43	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> , <b>2004</b> , 172, 5908-16	5.3	87
42	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> , <b>2003</b> , 170, 2390-8	5.3	24
41	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> , <b>2003</b> , 33, 1830-8	6.1	118
40	CD1d-restricted help to B cells by human invariant natural killer T lymphocytes. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 1051-7	16.6	210
39	Innate immune responses support adaptive immunity: NKT cells induce B cell activation. <i>Vaccine</i> , <b>2003</b> , 21 Suppl 2, S48-54	4.1	37

38	CD4(+) T cells from healthy subjects and colon cancer patients recognize a carcinoembryonic antigen-specific immunodominant epitope. <i>Cancer Research</i> , <b>2003</b> , 63, 8481-6	10.1	42
37	T cell priming by dendritic cells: thresholds for proliferation, differentiation and death and intraclonal functional diversification. <i>European Journal of Immunology</i> , <b>2002</b> , 32, 2046-54	6.1	106
36	Immune reconstitution in ADA-SCID after PBL gene therapy and discontinuation of enzyme replacement. <i>Nature Medicine</i> , <b>2002</b> , 8, 423-5	50.5	173
35	Neonatal invariant Valpha24+ NKT lymphocytes are activated memory cells. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 1544-50	6.1	104
34	Initiation of antiretroviral therapy during primary HIV-1 infection induces rapid stabilization of the T-cell receptor $\beta$ chain repertoire and reduces the level of T-cell oligoclonality. <i>Blood</i> , <b>2000</b> , 95, 1743-1751 <sup>2.2</sup>		36
33	Relevance of the tumor antigen in the validation of three vaccination strategies for melanoma. <i>Journal of Immunology</i> , <b>2000</b> , 165, 2651-6	5.3	106
32	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> , <b>2000</b> , 164, 698-704	5.3	22
31	T-cell clonality in immune responses. <i>Trends in Immunology</i> , <b>1999</b> , 20, 262-6		102
30	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> , <b>1998</b> , 10, 1281-8	4.9	137
29	CD1d-mediated recognition of an alpha-galactosylceramide by natural killer T cells is highly conserved through mammalian evolution. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 188, 1521-8	16.6	554
28	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> , <b>1998</b> , 94, 529-35	7.8	48
27	Recruitment of circulating allergen-specific T lymphocytes to the lung on allergen challenge in asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>1997</b> , 100, 669-78	11.5	26
26	An improved PCR-heteroduplex method permits high-sensitivity detection of clonal expansions in complex T cell populations. <i>Journal of Immunological Methods</i> , <b>1996</b> , 196, 181-92	2.5	47
25	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> , <b>1996</b> , 26, 1851-9 <sup>6.1</sup>		46
24	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
23	Presentation of peptides by cultured monocytes or activated T cells allows specific priming of human cytotoxic T lymphocytes in vitro. <i>International Immunology</i> , <b>1995</b> , 7, 1741-52	4.9	29
22	Dual receptor T-cells. Implications for alloreactivity and autoimmunity. <i>Annals of the New York Academy of Sciences</i> , <b>1995</b> , 756, 66-70	6.5	23
21	Gene therapy in peripheral blood lymphocytes and bone marrow for ADA- immunodeficient patients. <i>Science</i> , <b>1995</b> , 270, 470-5	33.3	655

20	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> , <b>1995</b> , 25, 1154-62	6.1	106
19	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> , <b>1994</b> , 180, 1171-6	16.6	387
18	In vitro priming of cytotoxic T lymphocytes against poorly immunogenic epitopes by engineered antigen-presenting cells. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 2691-8	6.1	41
17	Expression of two T cell receptor alpha chains: dual receptor T cells. <i>Science</i> , <b>1993</b> , 262, 422-4	33.3	432
16	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> , <b>1993</b> , 177, 1763-71	16.6	132
15	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
14	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> , <b>1993</b> , 23, 586-9	6.1	21
13	Development of lymphocytes in interleukin 7-transgenic mice. <i>European Journal of Immunology</i> , <b>1991</b> , 21, 453-60	6.1	79
12	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> , <b>1991</b> , 173, 1311-22	16.6	186
11	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> , <b>1991</b> , 60, 371-83		9
10	The TCR V delta repertoire and the restricted TCR V gene expression and pairing. <i>Research in Immunology</i> , <b>1990</b> , 141, 624-5		5
9	Molecular analysis of human gamma/delta+ clones from thymus and peripheral blood. <i>Journal of Experimental Medicine</i> , <b>1989</b> , 170, 1521-35	16.6	156
8	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> , <b>1989</b> , 86, 1619-23	11.5	43
7	Nonrandom TRG gamma variable gene rearrangement in normal human T cells and T cell leukemias. <i>European Journal of Immunology</i> , <b>1988</b> , 18, 173-8	6.1	20
6	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> , <b>1988</b> , 168, 2349-54	16.6	34
5	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> , <b>1988</b> , 167, 1517-22	16.6	87
4	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> , <b>1987</b> , 165, 879-90	16.6	77
3	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> , <b>1987</b> , 17, 1815-9	6.1	74

2	Heterogeneity of large granular lymphocyte proliferations: morphological, immunological and molecular analysis in seven patients. <i>British Journal of Haematology</i> , <b>1987</b> , 66, 187-91	4·5	23
1	Molecular and immunological evidence of B-cell commitment in "null" acute lymphoblastic leukaemia. <i>International Journal of Cancer</i> , <b>1986</b> , 38, 317-23	7·5	16