

# Paolo Dellabona

## List of Publications by Year in descending order

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112  
papers

8,780  
citations

53794

45  
h-index

42399

92  
g-index

116  
all docs

116  
docs citations

116  
times ranked

11015  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
2	CD1d-mediated Recognition of an Î±-Galactosylceramide by Natural Killer T Cells Is Highly Conserved through Mammalian Evolution. Journal of Experimental Medicine, 1998, 188, 1521-1528.	8.5	597
3	Guidelines for the use of flow cytometry and cell sorting in immunological studies<sup>*</sup>. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
4	Expression of two T cell receptor alpha chains: dual receptor T cells. Science, 1993, 262, 422-424.	12.6	486
5	Superantigens interact with MHC class II molecules outside of the antigen groove. Cell, 1990, 62, 1115-1121.	28.9	452
6	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.. Journal of Experimental Medicine, 1994, 180, 1171-1176.	8.5	427
7	Laparoscopic Versus Open Colorectal Surgery. Annals of Surgery, 2002, 236, 759-767.	4.2	416
8	Laparoscopic versus open colorectal surgery: a randomized trial on short-term outcome. Annals of Surgery, 2002, 236, 759-66; discussion 767.	4.2	250
9	CD1d-restricted Help To B Cells By Human Invariant Natural Killer T Lymphocytes. Journal of Experimental Medicine, 2003, 197, 1051-1057.	8.5	217
10	Invariant NKT cells sustain specific B cell responses and memory. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3984-3989.	7.1	213
11	Melanoma Cells Present a MAGE-3 Epitope to CD4+ Cytotoxic T Cells in Association with Histocompatibility Leukocyte Antigen DR11. Journal of Experimental Medicine, 1999, 189, 871-876.	8.5	204
12	Dynamics of intra-hepatic lymphocytes in chronic hepatitis C: enrichment for VÎ±24+ T cells and rapid elimination of effector cells by apoptosis. European Journal of Immunology, 1998, 28, 3448-3455.	2.9	161
13	Age-related modifications of the human alpha beta T cell repertoire due to different clonal expansions in the CD4+ and CD8+ subsets. International Immunology, 1998, 10, 1281-1288.	4.0	159
14	Production of Profibrotic Cytokines by Invariant NKT Cells Characterizes Cirrhosis Progression in Chronic Viral Hepatitis. Journal of Immunology, 2004, 173, 1417-1425.	0.8	141
15	In vivo persistence of expanded clones specific for bacterial antigens within the human T cell receptor alpha/beta CD4-8- subset.. Journal of Experimental Medicine, 1993, 177, 1763-1771.	8.5	140
16	Activation of invariant NKT cells by Î±GalCer administration protects mice from MOG35â€“55-induced EAE: critical roles for administration route and IFN-Î³. European Journal of Immunology, 2003, 33, 1830-1838.	2.9	132
17	Relevance of the Tumor Antigen in the Validation of Three Vaccination Strategies for Melanoma. Journal of Immunology, 2000, 165, 2651-2656.	0.8	127
18	Bone marrow central memory and memory stem T-cell exhaustion in AML patients relapsing after HSCT. Nature Communications, 2019, 10, 1065.	12.8	120

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19	High frequency and adaptive-like dynamics of human CD1 self-reactive T cells. <i>European Journal of Immunology</i> , 2011, 41, 602-610.	2.9	116
20	T-cell clonality in immune responses. <i>Trends in Immunology</i> , 1999, 20, 262-266.	7.5	115
21	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, 1154-1162.	2.9	111
22	T cell priming by dendritic cells: thresholds for proliferation, differentiation and death and intracloal functional diversification. <i>European Journal of Immunology</i> , 2002, 32, 2046.	2.9	109
23	Neonatal invariant V $\alpha$ 24+ NKT lymphocytes are activated memory cells. <i>European Journal of Immunology</i> , 2000, 30, 1544-1550.	2.9	108
24	Carcinoembryonic Antigen-Specific but Not Antiviral CD4+ T Cell Immunity Is Impaired in Pancreatic Carcinoma Patients. <i>Journal of Immunology</i> , 2008, 181, 6595-6603.	0.8	97
25	Cancer-Initiating Cells from Colorectal Cancer Patients Escape from T Cell-Mediated Immunosurveillance In Vitro through Membrane-Bound IL-4. <i>Journal of Immunology</i> , 2014, 192, 523-532.	0.8	97
26	Characterization of a murine monoclonal antibody specific for human early lymphohemopoietic cells. <i>Human Immunology</i> , 1984, 9, 9-20.	2.4	95
27	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, 3217-3222.	0.8	90
28	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, 1756-1766.	2.9	89
29	NKT-cell help to B lymphocytes can occur independently of cognate interaction. <i>Blood</i> , 2009, 113, 370-376.	1.4	87
30	Invariant NKT Cell Reconstitution in Pediatric Leukemia Patients Given HLA-Haploidentical Stem Cell Transplantation Defines Distinct CD4+ and CD4 $\alpha$ Subset Dynamics and Correlates with Remission State. <i>Journal of Immunology</i> , 2011, 186, 4490-4499.	0.8	85
31	Dicer-Dependent MicroRNA Pathway Controls Invariant NKT Cell Development. <i>Journal of Immunology</i> , 2009, 183, 2506-2512.	0.8	82
32	A novel self-lipid antigen targets human T cells against CD1c+ leukemias. <i>Journal of Experimental Medicine</i> , 2014, 211, 1363-1377.	8.5	80
33	Cutting Edge: Influence of the TCR V $\alpha$ 2 Domain on the Selection of Semi-Invariant NKT Cells by Endogenous Ligands. <i>Journal of Immunology</i> , 2006, 176, 2064-2068.	0.8	70
34	Intracellular Modulation, Extracellular Disposal and Serum Increase of MiR-150 Mark Lymphocyte Activation. <i>PLoS ONE</i> , 2013, 8, e75348.	2.5	66
35	Fc receptor triggering induces expression of surface activation antigens and release of platelet-activating factor in large granular lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 2443-2447.	7.1	65
36	Bimodal CD40/Fas-Dependent Crosstalk between iNKT Cells and Tumor-Associated Macrophages Impairs Prostate Cancer Progression. <i>Cell Reports</i> , 2018, 22, 3006-3020.	6.4	62

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37	iNKT Cells Control Mouse Spontaneous Carcinoma Independently of Tumor-Specific Cytotoxic T Cells. PLoS ONE, 2010, 5, e8646.	2.5	61
38	Invariant NKT cells contribute to chronic lymphocytic leukemia surveillance and prognosis. Blood, 2017, 129, 3440-3451.	1.4	56
39	Targeted Expression of Human CD1d in Transgenic Mice Reveals Independent Roles for Thymocytes and Thymic APCs in Positive and Negative Selection of V $\beta$ 14i NKT Cells. Journal of Immunology, 2005, 175, 7303-7310.	0.8	55
40	MAGE-1 gene product is a cytoplasmic protein. International Journal of Cancer, 1994, 59, 435-439.	5.1	54
41	The Wiskott-Aldrich syndrome protein is required for iNKT cell maturation and function. Journal of Experimental Medicine, 2009, 206, 735-742.	8.5	53
42	Heterogeneous effects of B7-1 and B7-2 in the induction of both protective and therapeutic anti-tumor immunity against different mouse tumors. European Journal of Immunology, 1996, 26, 1851-1859.	2.9	52
43	An improved PCR-heteroduplex method permits high-sensitivity detection of clonal expansions in complex T cell populations. Journal of Immunological Methods, 1996, 196, 181-192.	1.4	51
44	Fine tuning by human CD1e of lipid-specific immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14228-14233.	7.1	51
45	T cell neoepitope discovery in colorectal cancer by high throughput profiling of somatic mutations in expressed genes. Gut, 2017, 66, 454-463.	12.1	48
46	CD4 engagement by CD1d potentiates activation of CD4+ invariant NKT cells. Blood, 2007, 110, 251-258.	1.4	47
47	In vitro priming of cytotoxic T lymphocytes against poorly immunogenic epitopes by engineered antigen-presenting cells. European Journal of Immunology, 1994, 24, 2691-2698.	2.9	45
48	Emergence of antitumor cytolytic T cells is associated with maintenance of hematologic remission in children with acute myeloid leukemia. Blood, 2006, 108, 3843-3850.	1.4	45
49	CD4(+) T cells from healthy subjects and colon cancer patients recognize a carcinoembryonic antigen-specific immunodominant epitope. Cancer Research, 2003, 63, 8481-6.	0.9	45
50	miR-17 $\hat{a}$ 1492 family clusters control iNKT cell ontogenesis via modulation of TGF- $\beta$ 2 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8286-E8295.	7.1	44
51	Innate immune responses support adaptive immunity: NKT cells induce B cell activation. Vaccine, 2003, 21, S48-S54.	3.8	41
52	On the Relative Roles of Interleukin-2 and Interleukin-10 in the Generation of Lymphokine-Activated Killer Cell Activity. Cellular Immunology, 1993, 146, 391-405.	3.0	36
53	Murine monoclonal antibodies as probes for the phenotypical, functional, and molecular analysis of a discrete peripheral blood lymphocyte population exerting natural killer activity in vitro. Human Immunology, 1985, 14, 87-102.	2.4	35
54	The cytotoxic T-lymphocyte response against a poorly immunogenic mammary adenocarcinoma is focused on a single immunodominant class I epitope derived from the gp70 Env product of an endogenous retrovirus. Cancer Research, 2003, 63, 2158-63.	0.9	34

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55	CD28 and LFA-1 contribute to cyclosporin A-resistant T cell growth by stabilizing the IL-2 mRNA through distinct signaling pathways. <i>European Journal of Immunology</i> , 2000, 30, 1136-1144.	2.9	33
56	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, 4415-4421.	0.8	32
57	iNKT cell help to B cells: A cooperative job between innate and adaptive immune responses. <i>European Journal of Immunology</i> , 2014, 44, 2230-2237.	2.9	32
58	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.	4.2	32
59	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, 1741-1752.	4.0	29
60	Human Invariant V $\alpha$ 24-J $\beta$ Q TCR Supports the Development of CD1d-Dependent NK1.1+ and NK1.1 $\alpha$ T Cells in Transgenic Mice. <i>Journal of Immunology</i> , 2003, 170, 2390-2398.	0.8	29
61	Use of MHC class II tetramers to investigate CD4 <sup>+</sup> T cell responses: Problems and solutions. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 1010-1018.	1.5	29
62	Innate-Like Effector Differentiation of Human Invariant NKT Cells Driven by IL-7. <i>Journal of Immunology</i> , 2008, 180, 4415-4424.	0.8	27
63	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, 152-159.	3.2	26
64	Dual Receptor T-Cells.. <i>Annals of the New York Academy of Sciences</i> , 1995, 756, 66-70.	3.8	25
65	Human Melanoma Cells Transfected with the B7-2 Co-Stimulatory Molecule Induce Tumor-Specific CD8 <sup>+</sup> Cytotoxic T Lymphocytes <i>In Vitro</i> . <i>Human Gene Therapy</i> , 1998, 9, 1335-1344.	2.7	25
66	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.	0.8	23
67	Platelet cationic proteins are present in glomeruli of lupus nephritis patients. <i>Kidney International</i> , 1986, 30, 555-565.	5.2	21
68	Boosting Interleukin-12 Antitumor Activity and Synergism with Immunotherapy by Targeted Delivery with isoDGR-Tagged Nanogold. <i>Small</i> , 2019, 15, e1903462.	10.0	21
69	Gene transfer by retrovirus-derived shuttle vectors in the generation of murine bispecific monoclonal antibodies.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 2941-2945.	7.1	20
70	Serological Immunoreactivity against Colon Cancer Proteome Varies upon Disease Progression. <i>Journal of Proteome Research</i> , 2008, 7, 504-514.	3.7	20
71	Invariant natural killer T cells reconstitution and the control of leukemia relapse in pediatric haploidentical hematopoietic stem cell transplantation. <i>Oncimmunology</i> , 2012, 1, 355-357.	4.6	19
72	Loss of T cell microRNA provides systemic protection against autoimmune pathology in mice. <i>Journal of Autoimmunity</i> , 2012, 38, 39-48.	6.5	19

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73	Generation of functional HLA-DR*1101 tetramers receptive for loading with pathogen- or tumour-derived synthetic peptides. <i>BMC Immunology</i> , 2005, 6, 24.	2.2	18
74	Strategies to optimize the outcome of children given T-cell depleted HLA-haploidentical hematopoietic stem cell transplantation. <i>Best Practice and Research in Clinical Haematology</i> , 2011, 24, 339-349.	1.7	17
75	The Pathophysiological Relevance of the iNKT Cell/Mononuclear Phagocyte Crosstalk in Tissues. <i>Frontiers in Immunology</i> , 2018, 9, 2375.	4.8	17
76	Functional and molecular characterization by the CB04 monoclonal antibody of a cell surface structure exerting C3-complement receptor activity. <i>Journal of Clinical Immunology</i> , 1985, 5, 412-420.	3.8	16
77	T helper 17 T cells do good for cancer immunotherapy. <i>Immunotherapy</i> , 2010, 2, 21-24.	2.0	16
78	Phage display-derived recombinant antibodies with TCR-like specificity against Î±-galactosylceramide and its analogues in complex with human CD1d molecules. <i>European Journal of Immunology</i> , 2008, 38, 829-840.	2.9	15
79	Editorial: NKT Cells in Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2020, 11, 1314.	4.8	15
80	Adoptive Immunotherapy With Engineered iNKT Cells to Target Cancer Cells and the Suppressive Microenvironment. <i>Frontiers in Medicine</i> , 2022, 9, .	2.6	15
81	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, 212-218.	0.4	14
82	Group 1 CD1c-restricted T cells and the pathophysiological implications of self-lipid antigen recognition. <i>Tissue Antigens</i> , 2015, 86, 393-405.	1.0	13
83	CD4+ T cells sustain aggressive chronic lymphocytic leukemia in 1/4-TCL1 mice through a CD40L-independent mechanism. <i>Blood Advances</i> , 2021, 5, 2817-2828.	5.2	13
84	A Subset of CD8Î±+ Invariant NKT Cells in a Humanized Mouse Model. <i>Journal of Immunology</i> , 2015, 195, 1459-1469.	0.8	11
85	Targeting leukemia by CD1c-restricted T cells specific for a novel lipid antigen. <i>OncolImmunology</i> , 2015, 4, e970463.	4.6	11
86	The circulating microRNome demonstrates distinct lymphocyte subset-dependent signatures. <i>European Journal of Immunology</i> , 2016, 46, 725-731.	2.9	11
87	Functional Education of Invariant NKT Cells by Dendritic Cell Tuning of SHP-1. <i>Journal of Immunology</i> , 2013, 190, 3299-3308.	0.8	10
88	Alliance Against Cancer, the network of Italian cancer centers bridging research and care. <i>Journal of Translational Medicine</i> , 2015, 13, 360.	4.4	10
89	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.	2.9	10
90	Definition by CB12 monoclonal antibody of a differentiation marker specific for human monocytes and their bone marrow precursors. <i>Cellular Immunology</i> , 1986, 97, 276-285.	3.0	9

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91	A single amino acid substitution in the Ak molecule fortuitously provokes an alloresponse. <i>European Journal of Immunology</i> , 1991, 21, 209-213.	2.9	9
92	Exploiting CD1-restricted T cells for clinical benefit. <i>Molecular Immunology</i> , 2021, 132, 126-131.	2.2	9
93	A family of trans-acting factors with distinct regulatory functions control expression of MHC class II genes. <i>Immunologic Research</i> , 1990, 9, 20-33.	2.9	7
94	Vascular attack and immunotherapy: a "two hits"™ approach to improve biological treatment of cancer. <i>Gene Therapy</i> , 1999, 6, 153-154.	4.5	6
95	The CD4 <sup>+</sup> 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, 1603-1616.	2.9	6
96	Harnessing the CD1 restricted T cell response for leukemia adoptive immunotherapy. <i>Cytokine and Growth Factor Reviews</i> , 2017, 36, 117-123.	7.2	6
97	B Cell Help by CD1d-Restricted NKT Cells. <i>Antibodies</i> , 2015, 4, 279-294.	2.5	5
98	Potential advantages of CD1-restricted T cell immunotherapy in cancer. <i>Molecular Immunology</i> , 2018, 103, 200-208.	2.2	5
99	Mir106b-25 and Mir17-92 Are Crucially Involved in the Development of Experimental Neuroinflammation. <i>Frontiers in Neurology</i> , 2020, 11, 912.	2.4	5
100	Exploiting B-cell Receptor Stereotypy to Design Tailored Immunotherapy in Chronic Lymphocytic Leukemia. <i>Clinical Cancer Research</i> , 2021, 27, 729-739.	7.0	5
101	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, 1577.	3.7	5
102	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.	2.5	3
103	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.	12.8	3
104	Workflow for high-dimensional flow cytometry analysis of T cells from tumor metastases. <i>Life Science Alliance</i> , 2022, 5, e202101316.	2.8	2
105	An unexpected requirement for CD4 <sup>+</sup> T cells in anti-glycolipid antibody responses. <i>Immunology and Cell Biology</i> , 2011, 89, 499-501.	2.3	1
106	Of self-lipids, CD1-restricted T cells, and contact sensitization. <i>European Journal of Immunology</i> , 2017, 47, 1119-1122.	2.9	1
107	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.	3.8	1
108	B Cell Helper Assays. <i>Methods in Molecular Biology</i> , 2009, 514, 15-26.	0.9	1

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109	Structure of the TCR-Ag-MHC Complex. , 1992, , 17-23.		1
110	The Wiskott-Aldrich syndrome protein is required for iNKT cell maturation and function. Journal of Cell Biology, 2009, 185, i1-i1.	5.2	0
111	Abstract A83: Modifications of the bone marrow microenvironment in the transition from monoclonal gammopathy of undetermined significance to multiple myeloma in Vk*MYC mice.. , 2013, , .		0
112	CD4+ T Cells Sustain Aggressive Chronic Lymphocytic Leukemia through a CD40L-Independent Mechanism. Blood, 2019, 134, 683-683.	1.4	0