

Chiara Romagnani

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

7,735
citations

66343

42
h-index

74163

75
g-index

82
all docs

82
docs citations

82
times ranked

12732
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	The 3 major types of innate and adaptive cell-mediated effector immunity. Journal of Allergy and Clinical Immunology, 2015, 135, 626-635.	2.9	562
3	Guidelines for the use of flow cytometry and cell sorting in immunological studies [*] . European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
4	CD56 ^{bright} CD16 ^{hi} Killer Ig-Like Receptor ^{hi} NK Cells Display Longer Telomeres and Acquire Features of CD56 ^{dim} NK Cells upon Activation. Journal of Immunology, 2007, 178, 4947-4955.	0.8	430
5	Peptide-specific recognition of human cytomegalovirus strains controls adaptive natural killer cells. Nature Immunology, 2018, 19, 453-463.	14.5	319
6	Human CD1c ⁺ dendritic cells secrete high levels of IL-12 and potently prime cytotoxic T-cell responses. Blood, 2013, 122, 932-942.	1.4	300
7	CD62L expression identifies a unique subset of polyfunctional CD56 ^{dim} NK cells. Blood, 2010, 116, 1299-1307.	1.4	249
8	Human Cytomegalovirus Drives Epigenetic Imprinting of the IFNG Locus in NKG2C ^{hi} Natural Killer Cells. PLoS Pathogens, 2014, 10, e1004441.	4.7	224
9	Critical Role of CD2 Co-stimulation in Adaptive Natural Killer Cell Responses Revealed in NKG2C-Deficient Humans. Cell Reports, 2016, 15, 1088-1099.	6.4	202
10	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). European Journal of Immunology, 2021, 51, 2708-3145.	2.9	198
11	The small subset of CD56 ^{bright} CD16 ^{hi} natural killer cells is selectively responsible for both cell proliferation and interferon γ production upon interaction with dendritic cells. European Journal of Immunology, 2004, 34, 1715-1722.	2.9	178
12	HLA-E-restricted recognition of cytomegalovirus-derived peptides by human CD8 ⁺ cytolytic T lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10896-10901.	7.1	175
13	Natural killer cell specificity for viral infections. Nature Immunology, 2018, 19, 800-808.	14.5	169
14	ROR γ ⁺ Innate Lymphoid Cells Acquire a Proinflammatory Program upon Engagement of the Activating Receptor NKp44. Immunity, 2013, 38, 1223-1235.	14.3	166
15	Group 3 innate lymphoid cells (ILC3s): Origin, differentiation, and plasticity in humans and mice. European Journal of Immunology, 2015, 45, 2171-2182.	2.9	153
16	c-Maf-dependent Treg cell control of intestinal TH17 cells and IgA establishes host \times microbiota homeostasis. Nature Immunology, 2019, 20, 471-481.	14.5	138
17	Engagement of p75/AIRM1 or CD33 inhibits the proliferation of normal or leukemic myeloid cells. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 15091-15096.	7.1	137
18	Post-thymic in vivo proliferation of naive CD4 ⁺ T cells constrains the TCR repertoire in healthy human adults. European Journal of Immunology, 2005, 35, 1987-1994.	2.9	136

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19	Human ROR γ ³ ⁺ CD34 ⁺ Cells Are Lineage-Specified Progenitors of Group 3 ROR γ ³ ⁺ Innate Lymphoid Cells. <i>Immunity</i> , 2014, 41, 988-1000.	14.3	132
20	Signatures of Human NK Cell Development and Terminal Differentiation. <i>Frontiers in Immunology</i> , 2013, 4, 499.	4.8	131
21	Activation of human NK cells by plasmacytoid dendritic cells and its modulation by CD4 ⁺ T helper cells and CD4 ⁺ CD25 ^{hi} T regulatory cells. <i>European Journal of Immunology</i> , 2005, 35, 2452-2458.	2.9	127
22	A Converse 4-1BB and CD40 Ligand Expression Pattern Delineates Activated Regulatory T Cells (Treg) and Conventional T Cells Enabling Direct Isolation of Alloantigen-Reactive Natural Foxp3 ⁺ Treg. <i>Journal of Immunology</i> , 2012, 189, 5985-5994.	0.8	108
23	Surface expression and function of p75/AIRM-1 or CD33 in acute myeloid leukemias: Engagement of CD33 induces apoptosis of leukemic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5764-5769.	7.1	100
24	<sc>NK</sc> cells gain higher <sc>IFN</sc> γ competence during terminal differentiation. <i>European Journal of Immunology</i> , 2014, 44, 2074-2084.	2.9	94
25	The analysis of the natural killer-like activity of human cytolytic T lymphocytes revealed HLA-E as a novel target for TCR α / β -mediated recognition. <i>European Journal of Immunology</i> , 2001, 31, 3687-3693.	2.9	91
26	Factors predicting response and graft-versus-host disease after donor lymphocyte infusions: a study on 593 infusions. <i>Bone Marrow Transplantation</i> , 2003, 31, 687-693.	2.4	89
27	In Situ Maturation and Tissue Adaptation of Type 2 Innate Lymphoid Cell Progenitors. <i>Immunity</i> , 2020, 53, 775-792.e9.	14.3	88
28	Identification of HLA-E-specific alloreactive T lymphocytes: A cell subset that undergoes preferential expansion in mixed lymphocyte culture and displays a broad cytolytic activity against allogeneic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11328-11333.	7.1	87
29	NK-CTLs, a novel HLA-E-restricted T-cell subset. <i>Trends in Immunology</i> , 2003, 24, 136-143.	6.8	86
30	The Emerging Role of HLA-E-Restricted CD8 ⁺ T Lymphocytes in the Adaptive Immune Response to Pathogens and Tumors. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-8.	3.0	81
31	ICOS regulates the pool of group 2 innate lymphoid cells under homeostatic and inflammatory conditions in mice. <i>European Journal of Immunology</i> , 2015, 45, 2766-2772.	2.9	80
32	Differentiation of human innate lymphoid cells (ILCs). <i>Current Opinion in Immunology</i> , 2016, 38, 75-85.	5.5	71
33	The AP-1-BATF and -BATF3 module is essential for growth, survival and TH17/ILC3 skewing of anaplastic large cell lymphoma. <i>Leukemia</i> , 2018, 32, 1994-2007.	7.2	70
34	Multidirectional interactions are bridging human NK cells with plasmacytoid and monocyte-derived dendritic cells during innate immune responses. <i>Blood</i> , 2006, 108, 3851-3858.	1.4	69
35	Recognition Strategies of Group 3 Innate Lymphoid Cells. <i>Frontiers in Immunology</i> , 2014, 5, 142.	4.8	67
36	The early cellular signatures of protective immunity induced by live viral vaccination. <i>European Journal of Immunology</i> , 2012, 42, 2363-2373.	2.9	62

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37	Adoptively transferred natural killer cells maintain long-term antitumor activity by epigenetic imprinting and CD4 ⁺ T cell help. <i>Oncolmmunology</i> , 2016, 5, e1219009.	4.6	61
38	About Training and Memory. <i>Advances in Immunology</i> , 2017, 133, 171-207.	2.2	61
39	Cytokine-induced human IFN- γ -secreting effector-memory Th cells in chronic autoimmune inflammation. <i>Blood</i> , 2009, 113, 1948-1956.	1.4	58
40	IL-21 Is a Central Memory T Cell-Associated Cytokine That Inhibits the Generation of Pathogenic Th1/17 Effector Cells. <i>Journal of Immunology</i> , 2014, 193, 3322-3331.	0.8	48
41	p75/AIRM1 and CD33, two sialoadhesin receptors that regulate the proliferation or the survival of normal and leukemic myeloid cells. <i>Immunological Reviews</i> , 2001, 181, 260-268.	6.0	47
42	Pre-emptive therapy of acute graft-versus-host disease: a pilot study with antithymocyte globulin (ATG). <i>Bone Marrow Transplantation</i> , 2001, 28, 1093-1096.	2.4	45
43	HLA-E and HLA-E-Bound Peptides: Recognition by Subsets of NK and T Cells. <i>Current Pharmaceutical Design</i> , 2009, 15, 3336-3344.	1.9	45
44	HLA-E-restricted recognition of human cytomegalovirus by a subset of cytolytic T lymphocytes. <i>Human Immunology</i> , 2004, 65, 437-445.	2.4	42
45	Innate lymphoid cells in lung infection and immunity. <i>Immunological Reviews</i> , 2018, 286, 102-119.	6.0	42
46	Clonal expansion and compartmentalized maintenance of rhesus macaque NK cell subsets. <i>Science Immunology</i> , 2018, 3, .	11.9	41
47	Preferential Th1 profile of T helper cell responses in X-linked (Bruton's) agammaglobulinemia. <i>European Journal of Immunology</i> , 2001, 31, 1927-1934.	2.9	40
48	Education of hyporesponsive NK cells by cytokines. <i>European Journal of Immunology</i> , 2009, 39, 2548-2555.	2.9	38
49	IL-10-producing forkhead box protein 3-negative regulatory T cells inhibit B-cell responses and are involved in systemic lupus erythematosus. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 318-321.e5.	2.9	37
50	CD96 expression determines the inflammatory potential of IL-9-producing Th9 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2940-E2949.	7.1	36
51	An in vitro platform supports generation of human innate lymphoid cells from CD34+ hematopoietic progenitors that recapitulate ex vivo identity. <i>Immunity</i> , 2021, 54, 2417-2432.e5.	14.3	32
52	Increased risk of leukemia relapse with high dose cyclosporine after allogeneic marrow transplantation for acute leukemia: 10 year follow-up of a randomized study. <i>Blood</i> , 2001, 98, 3174-3174.	1.4	31
53	The Role of Natural Killer Group 2, Member D in Chronic Inflammation and Autoimmunity. <i>Frontiers in Immunology</i> , 2018, 9, 1219.	4.8	31
54	The Central Nervous System Contains ILC1s That Differ From NK Cells in the Response to Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 2337.	4.8	31

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55	SARS-CoV-2 Nsp13 encodes for an HLA-E-stabilizing peptide that abrogates inhibition of NKG2A-expressing NK cells. <i>Cell Reports</i> , 2022, 38, 110503.	6.4	31
56	Multiplexed histology analyses for the phenotypic and spatial characterization of human innate lymphoid cells. <i>Nature Communications</i> , 2021, 12, 1737.	12.8	26
57	NK cell receptor NKG2D enforces proinflammatory features and pathogenicity of Th1 and Th17 cells. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	25
58	Natural Killer (NK) Cell Functionality after human Spinal Cord Injury (SCI): protocol of a prospective, longitudinal study. <i>BMC Neurology</i> , 2016, 16, 170.	1.8	23
59	Tracking in vivo dynamics of NK cells transferred in patients undergoing stem cell transplantation. <i>European Journal of Immunology</i> , 2014, 44, 2822-2834.	2.9	21
60	Adaptive Natural Killer Cells Integrate Interleukin-18 during Target-Cell Encounter. <i>Frontiers in Immunology</i> , 2017, 8, 1976.	4.8	19
61	T-bet and ROR γ control lymph node formation by regulating embryonic innate lymphoid cell differentiation. <i>Nature Immunology</i> , 2021, 22, 1231-1244.	14.5	18
62	OMIP α 39: Detection and analysis of human adaptive NKG2C ⁺ natural killer cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 997-1000.	1.5	17
63	Extent of Cytomegalovirus Replication in the Human Host Depends on Variations of the HLA-E/UL40 Axis. <i>MBio</i> , 2021, 12, .	4.1	17
64	Comparative analysis of NK- or NK-CTL-mediated lysis of immature or mature autologous dendritic cells. <i>European Journal of Immunology</i> , 2003, 33, 3427-3432.	2.9	16
65	Type 1 innate lymphoid cells regulate the onset of <i>Toxoplasma gondii</i> -induced neuroinflammation. <i>Cell Reports</i> , 2022, 38, 110564.	6.4	16
66	Putting the brakes on ILC2 cells. <i>Nature Immunology</i> , 2016, 17, 43-44.	14.5	15
67	Th1 responses in vivo require cell-specific provision of OX40L dictated by environmental cues. <i>Nature Communications</i> , 2020, 11, 3421.	12.8	13
68	c-FLIP is crucial for IL-7/IL-15-dependent NKp46+ ILC development and protection from intestinal inflammation in mice. <i>Nature Communications</i> , 2020, 11, 1056.	12.8	12
69	Stable lines and clones of long-term proliferating normal, genetically unmodified murine common lymphoid progenitors. <i>Blood</i> , 2018, 131, 2026-2035.	1.4	8
70	Boosting Type 2 Immunity: When OX40L Comes from ILC2s. <i>Immunity</i> , 2018, 48, 1067-1069.	14.3	5
71	NK/DC crosstalk in immunosurveillance: A broken relationship caused by WASP α deficiency. <i>European Journal of Immunology</i> , 2014, 44, 958-961.	2.9	4
72	Regulation of myeloid cell proliferation and survival by p75/AIRM1 and CD33 surface receptors. <i>Advances in Experimental Medicine and Biology</i> , 2001, 495, 55-61.	1.6	4

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73	Specific phenotype and function of CD56-expressing innate immune cell subsets in human thymus. Journal of Leukocyte Biology, 2016, 100, 1297-1310.	3.3	3
74	Editorial: In Memoriam of Professor Alessandro Moretta. Frontiers in Immunology, 2020, 11, .	4.8	0
75	A natural killerâ€™s hike through epigenetic landscapes. Science Immunology, 2021, 6, .	11.9	0
76	Does Innate Immunity Get Old?. , 2012, , 25-36.		0
77	Innate Lymphoid Cells Type 3. , 2016, , 156-168.		0
78	Clonal Expansion and Long-Term Persistence of Rhesus Macaque NK Cells with an Adaptive Phenotype. Blood, 2016, 128, 549-549.	1.4	0