

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.

116 papers	12,489 citations	53 h-index	111 g-index
130 ext. papers	14,566 ext. citations	11.1 avg, IF	5.78 L-index

#	Paper	IF	Citations
116	Nomenclature of monocytes and dendritic cells in blood. <i>Blood</i> , 2010 , 116, e74-80	2.2	1566
115	Mouse type I IFN-producing cells are immature APCs with plasmacytoid morphology. <i>Nature Immunology</i> , 2001 , 2, 1144-50	19.1	861
114	Origins and functional specialization of macrophages and of conventional and monocyte-derived dendritic cells in mouse skin. <i>Immunity</i> , 2013 , 39, 925-38	32.3	506
113	Coordinated and distinct roles for IFN-alpha beta, IL-12, and IL-15 regulation of NK cell responses to viral infection. <i>Journal of Immunology</i> , 2002 , 169, 4279-87	5.3	494
112	The XC chemokine receptor 1 is a conserved selective marker of mammalian cells homologous to mouse CD8alpha+ dendritic cells. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1283-92	16.6	478
111	Natural-killer cells and dendritic cells: "l'union fait la force". <i>Blood</i> , 2005 , 106, 2252-8	2.2	457
110	Influence of the transcription factor RORgammat on the development of NKp46+ cell populations in gut and skin. <i>Nature Immunology</i> , 2009 , 10, 75-82	19.1	456
109	Human inflammatory dendritic cells induce Th17 cell differentiation. <i>Immunity</i> , 2013 , 38, 336-48	32.3	435
108	Novel insights into the relationships between dendritic cell subsets in human and mouse revealed by genome-wide expression profiling. <i>Genome Biology</i> , 2008 , 9, R17	18.3	402
107	Interferon alpha/beta and interleukin 12 responses to viral infections: pathways regulating dendritic cell cytokine expression in vivo. <i>Journal of Experimental Medicine</i> , 2002 , 195, 517-28	16.6	385
106	Identification, activation, and selective in vivo ablation of mouse NK cells via NKp46. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 3384-9	11.5	361
105	Dendritic cell responses to early murine cytomegalovirus infection: subset functional specialization and differential regulation by interferon alpha/beta. <i>Journal of Experimental Medicine</i> , 2003 , 197, 885-98	16.6	301
104	Skin-draining lymph nodes contain dermis-derived CD103(-) dendritic cells that constitutively produce retinoic acid and induce Foxp3(+) regulatory T cells. <i>Blood</i> , 2010 , 115, 1958-68	2.2	257
103	Cutting edge: Priming of NK cells by IL-18. <i>Journal of Immunology</i> , 2008 , 181, 1627-31	5.3	229
102	Dendritic cell maturation: functional specialization through signaling specificity and transcriptional programming. <i>EMBO Journal</i> , 2014 , 33, 1104-16	13	221
101	MyD88-dependent and -independent murine cytomegalovirus sensing for IFN-alpha release and initiation of immune responses in vivo. <i>Journal of Immunology</i> , 2005 , 175, 6723-32	5.3	174
100	Transmission of innate immune signaling by packaging of cGAMP in viral particles. <i>Science</i> , 2015 , 349, 1232-6	33.3	172

99	IRF8 Transcription Factor Controls Survival and Function of Terminally Differentiated Conventional and Plasmacytoid Dendritic Cells, Respectively. <i>Immunity</i> , 2016 , 45, 626-640	32.3	157
98	Cutting edge: expression of XCR1 defines mouse lymphoid-tissue resident and migratory dendritic cells of the CD8 α^+ type. <i>Journal of Immunology</i> , 2011 , 187, 4411-5	5.3	149
97	Comparative genomics as a tool to reveal functional equivalences between human and mouse dendritic cell subsets. <i>Immunological Reviews</i> , 2010 , 234, 177-98	11.3	144
96	Identity, regulation and in vivo function of gut NKp46+ROR γ^+ and NKp46+ROR γ^- lymphoid cells. <i>EMBO Journal</i> , 2011 , 30, 2934-47	13	139
95	Natural killer cells promote early CD8 T cell responses against cytomegalovirus. <i>PLoS Pathogens</i> , 2007 , 3, e123	7.6	135
94	NK cell functions restrain T cell responses during viral infections. <i>European Journal of Immunology</i> , 2001 , 31, 3048-55	6.1	123
93	Broad, intense anti-human immunodeficiency virus (HIV) ex vivo CD8(+) responses in HIV type 1-infected patients: comparison with anti-Epstein-Barr virus responses and changes during antiretroviral therapy. <i>Journal of Virology</i> , 1999 , 73, 7108-16	6.6	120
92	Membrane Cholesterol Efflux Drives Tumor-Associated Macrophage Reprogramming and Tumor Progression. <i>Cell Metabolism</i> , 2019 , 29, 1376-1389.e4	24.6	118
91	Weak anti-HIV CD8(+) T-cell effector activity in HIV primary infection. <i>Journal of Clinical Investigation</i> , 1999 , 104, 1431-9	15.9	117
90	From skin dendritic cells to a simplified classification of human and mouse dendritic cell subsets. <i>European Journal of Immunology</i> , 2010 , 40, 2089-94	6.1	107
89	Cutting edge: Overlapping functions of TLR7 and TLR9 for innate defense against a herpesvirus infection. <i>Journal of Immunology</i> , 2008 , 180, 5799-803	5.3	104
88	Ikaros is required for plasmacytoid dendritic cell differentiation. <i>Blood</i> , 2006 , 108, 4025-34	2.2	104
87	Existence of CD8 α -like dendritic cells with a conserved functional specialization and a common molecular signature in distant mammalian species. <i>Journal of Immunology</i> , 2010 , 185, 3313-25	5.3	96
86	Broad and Largely Concordant Molecular Changes Characterize Tolerogenic and Immunogenic Dendritic Cell Maturation in Thymus and Periphery. <i>Immunity</i> , 2016 , 45, 305-18	32.3	93
85	Homeostatic NF- κ B Signaling in Steady-State Migratory Dendritic Cells Regulates Immune Homeostasis and Tolerance. <i>Immunity</i> , 2015 , 42, 627-39	32.3	91
84	Human XCR1+ dendritic cells derived in vitro from CD34+ progenitors closely resemble blood dendritic cells, including their adjuvant responsiveness, contrary to monocyte-derived dendritic cells. <i>Journal of Immunology</i> , 2014 , 193, 1622-35	5.3	90
83	NKT cell-plasmacytoid dendritic cell cooperation via OX40 controls viral infection in a tissue-specific manner. <i>Immunity</i> , 2009 , 30, 289-99	32.3	85
82	Disentangling the complexity of the skin dendritic cell network. <i>Immunology and Cell Biology</i> , 2010 , 88, 366-75	5	83

81	Evolution of cytotoxic T lymphocyte responses to human immunodeficiency virus type 1 in patients with symptomatic primary infection receiving antiretroviral triple therapy. <i>Journal of Infectious Diseases</i> , 1998 , 178, 61-9	7	82
80	Tissue-specific differentiation of colonic macrophages requires TGF β receptor-mediated signaling. <i>Mucosal Immunology</i> , 2017 , 10, 1387-1399	9.2	79
79	Natural killer cell-dendritic cell crosstalk in the initiation of immune responses. <i>Expert Opinion on Biological Therapy</i> , 2005 , 5 Suppl 1, S49-59	5.4	77
78	Differential responses of immune cells to type I interferon contribute to host resistance to viral infection. <i>Cell Host and Microbe</i> , 2012 , 12, 571-84	23.4	73
77	Investigating Evolutionary Conservation of Dendritic Cell Subset Identity and Functions. <i>Frontiers in Immunology</i> , 2015 , 6, 260	8.4	72
76	XCR1+ dendritic cells promote memory CD8+ T cell recall upon secondary infections with <i>Listeria monocytogenes</i> or certain viruses. <i>Journal of Experimental Medicine</i> , 2016 , 213, 75-92	16.6	71
75	Viral infection prevents diabetes by inducing regulatory T cells through NKT cell-plasmacytoid dendritic cell interplay. <i>Journal of Experimental Medicine</i> , 2011 , 208, 729-45	16.6	71
74	Plasmacytoid, conventional, and monocyte-derived dendritic cells undergo a profound and convergent genetic reprogramming during their maturation. <i>European Journal of Immunology</i> , 2013 , 43, 1706-15	6.1	70
73	Are Conventional Type 1 Dendritic Cells Critical for Protective Antitumor Immunity and How?. <i>Frontiers in Immunology</i> , 2019 , 10, 9	8.4	69
72	Large-Scale Human Dendritic Cell Differentiation Revealing Notch-Dependent Lineage Bifurcation and Heterogeneity. <i>Cell Reports</i> , 2018 , 24, 1902-1915.e6	10.6	68
71	Predominant involvement of CD8+CD28- lymphocytes in human immunodeficiency virus-specific cytotoxic activity. <i>Journal of Virology</i> , 1996 , 70, 2022-6	6.6	67
70	Constitutive resistance to viral infection in human CD141 dendritic cells. <i>Science Immunology</i> , 2017 , 2,	28	62
69	Impact of antiretroviral therapy and changes in virus load on human immunodeficiency virus (HIV)-specific T cell responses in primary HIV infection. <i>Journal of Infectious Diseases</i> , 2003 , 187, 748-57	7	62
68	T Cell Zone Resident Macrophages Silently Dispose of Apoptotic Cells in the Lymph Node. <i>Immunity</i> , 2017 , 47, 349-362.e5	32.3	61
67	Cross-reactions between the cytotoxic T-lymphocyte responses of human immunodeficiency virus-infected African and European patients. <i>Journal of Virology</i> , 1998 , 72, 3547-53	6.6	61
66	Unveiling skin macrophage dynamics explains both tattoo persistence and strenuous removal. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1115-1133	16.6	60
65	Individual plasmacytoid dendritic cells are major contributors to the production of multiple innate cytokines in an organ-specific manner during viral infection. <i>International Immunology</i> , 2008 , 20, 45-56	4.9	56
64	Dynamics and Transcriptomics of Skin Dendritic Cells and Macrophages in an Imiquimod-Induced, Biphasic Mouse Model of Psoriasis. <i>Journal of Immunology</i> , 2015 , 195, 4953-61	5.3	55

63	BubbleGUM: automatic extraction of phenotype molecular signatures and comprehensive visualization of multiple Gene Set Enrichment Analyses. <i>BMC Genomics</i> , 2015 , 16, 814	4.5	52
62	Intrasplenic trafficking of natural killer cells is redirected by chemokines upon inflammation. <i>European Journal of Immunology</i> , 2008 , 38, 2076-84	6.1	51
61	Defining Mononuclear Phagocyte Subset Homology Across Several Distant Warm-Blooded Vertebrates Through Comparative Transcriptomics. <i>Frontiers in Immunology</i> , 2015 , 6, 299	8.4	50
60	Crosstalk between components of the innate immune system: promoting anti-microbial defenses and avoiding immunopathologies. <i>Immunological Reviews</i> , 2009 , 227, 129-49	11.3	50
59	Inflammatory monocytes and neutrophils are licensed to kill during memory responses in vivo. <i>PLoS Pathogens</i> , 2011 , 7, e1002457	7.6	49
58	Protection from inflammatory organ damage in a murine model of hemophagocytic lymphohistiocytosis using treatment with IL-18 binding protein. <i>Frontiers in Immunology</i> , 2012 , 3, 239	8.4	48
57	TGFB signalling controls CD103CD11b dendritic cell development in the intestine. <i>Nature Communications</i> , 2017 , 8, 620	17.4	47
56	DAP12 signaling regulates plasmacytoid dendritic cell homeostasis and down-modulates their function during viral infection. <i>Journal of Immunology</i> , 2006 , 177, 2908-16	5.3	45
55	Characteristics of HIV-1 Nef regions containing multiple CD8+ T cell epitopes: wealth of HLA-binding motifs and sensitivity to proteasome degradation. <i>Journal of Immunology</i> , 2001 , 166, 6164-9	5.3	43
54	Proteomics of Human Dendritic Cell Subsets Reveals Subset-Specific Surface Markers and Differential Inflammasome Function. <i>Cell Reports</i> , 2016 , 16, 2953-2966	10.6	42
53	IFN-III is selectively produced by cDC1 and predicts good clinical outcome in breast cancer. <i>Science Immunology</i> , 2020 , 5,	28	42
52	C-type lectin receptor DCIR modulates immunity to tuberculosis by sustaining type I interferon signaling in dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E540-E549	11.5	41
51	Protein synthesis inhibition and GADD34 control IFN- γ heterogeneous expression in response to dsRNA. <i>EMBO Journal</i> , 2017 , 36, 761-782	13	40
50	Pig skin includes dendritic cell subsets transcriptomically related to human CD1a and CD14 dendritic cells presenting different migrating behaviors and T cell activation capacities. <i>Journal of Immunology</i> , 2014 , 193, 5883-93	5.3	38
49	Deciphering the role of DC subsets in MCMV infection to better understand immune protection against viral infections. <i>Frontiers in Microbiology</i> , 2014 , 5, 378	5.7	38
48	Altered ex vivo balance between CD28+ and CD28- cells within HIV-specific CD8+ T cells of HIV-seropositive patients. <i>European Journal of Immunology</i> , 1999 , 29, 38-44	6.1	38
47	Harnessing Mechanistic Knowledge on Beneficial Versus Deleterious IFN-I Effects to Design Innovative Immunotherapies Targeting Cytokine Activity to Specific Cell Types. <i>Frontiers in Immunology</i> , 2014 , 5, 526	8.4	37
46	Existence of conventional dendritic cells in Gallus gallus revealed by comparative gene expression profiling. <i>Journal of Immunology</i> , 2014 , 192, 4510-7	5.3	36

45	Comparative genomics analysis of mononuclear phagocyte subsets confirms homology between lymphoid tissue-resident and dermal XCR1(+) DCs in mouse and human and distinguishes them from Langerhans cells. <i>Journal of Immunological Methods</i> , 2016 , 432, 35-49	2.5	34
44	TLR3-responsive, XCR1+, CD141(BDCA-3)+/CD8 α -equivalent dendritic cells uncovered in healthy and simian immunodeficiency virus-infected rhesus macaques. <i>Journal of Immunology</i> , 2014 , 192, 4697-708	5.3	34
43	Nidogen-1 Contributes to the Interaction Network Involved in Pro-B Cell Retention in the Peri-sinusoidal Hematopoietic Stem Cell Niche. <i>Cell Reports</i> , 2019 , 26, 3257-3271.e8	10.6	33
42	Killer dendritic cells: IKDC and the others. <i>Current Opinion in Immunology</i> , 2008 , 20, 558-65	7.8	31
41	BAD-LAMP is a novel biomarker of nonactivated human plasmacytoid dendritic cells. <i>Blood</i> , 2011 , 118, 609-17	2.2	28
40	Molecular dissection of plasmacytoid dendritic cell activation during a viral infection. <i>EMBO Journal</i> , 2018 , 37,	13	27
39	Targeting Influenza Virus Hemagglutinin to Xcr1 Dendritic Cells in the Absence of Receptor-Mediated Endocytosis Enhances Protective Antibody Responses. <i>Journal of Immunology</i> , 2017 , 198, 2785-2795	5.3	25
38	Dok1 and Dok2 proteins regulate natural killer cell development and function. <i>EMBO Journal</i> , 2014 , 33, 1928-40	13	25
37	The activation trajectory of plasmacytoid dendritic cells in vivo during a viral infection. <i>Nature Immunology</i> , 2020 , 21, 983-997	19.1	25
36	The transcription factors Runx3 and ThPOK cross-regulate acquisition of cytotoxic function by human Th1 lymphocytes. <i>ELife</i> , 2018 , 7,	8.9	25
35	Human Tolerogenic Dendritic Cells Regulate Immune Responses through Lactate Synthesis. <i>Cell Metabolism</i> , 2019 , 30, 1075-1090.e8	24.6	24
34	Natural killer cells are required for extramedullary hematopoiesis following murine cytomegalovirus infection. <i>Cell Host and Microbe</i> , 2013 , 13, 535-545	23.4	23
33	Delayed virus-specific CD8+ cytotoxic T lymphocyte activity in an HIV-infected individual with high CD4+ cell counts: correlations with various parameters of disease progression. <i>AIDS Research and Human Retroviruses</i> , 1996 , 12, 497-506	1.6	23
32	Plasmacytoid dendritic cells and the control of herpesvirus infections. <i>Viruses</i> , 2009 , 1, 383-419	6.2	21
31	Profiling MHC II immunopeptidome of blood-stage malaria reveals that cDC1 control the functionality of parasite-specific CD4 T cells. <i>EMBO Molecular Medicine</i> , 2017 , 9, 1605-1621	12	20
30	ImmGen at 15. <i>Nature Immunology</i> , 2020 , 21, 700-703	19.1	20
29	Natural killer cells in immunodefense against infective agents. <i>Expert Review of Anti-Infective Therapy</i> , 2008 , 6, 867-85	5.5	20
28	Distribution, location, and transcriptional profile of Peyer's patch conventional DC subsets at steady state and under TLR7 ligand stimulation. <i>Mucosal Immunology</i> , 2017 , 10, 1412-1430	9.2	18

27	Expanding the tools for identifying mononuclear phagocyte subsets in swine: Reagents to porcine CD11c and XCR1. <i>Developmental and Comparative Immunology</i> , 2016 , 65, 31-40	3.2	17
26	Molecular and Functional Characterization of Lymphoid Progenitor Subsets Reveals a Bipartite Architecture of Human Lymphopoiesis. <i>Immunity</i> , 2017 , 47, 680-696.e8	32.3	16
25	Subsets of CD1c DCs: Dendritic Cell Versus Monocyte Lineage. <i>Frontiers in Immunology</i> , 2020 , 11, 559168.4	6.4	16
24	Novel Cre-Expressing Mouse Strains Permitting to Selectively Track and Edit Type 1 Conventional Dendritic Cells Facilitate Disentangling Their Complexity. <i>Frontiers in Immunology</i> , 2018 , 9, 2805	8.4	16
23	In Vitro Generation of Human XCR1(+) Dendritic Cells from CD34(+) Hematopoietic Progenitors. <i>Methods in Molecular Biology</i> , 2016 , 1423, 19-37	1.4	15
22	Study of antigen-processing steps reveals preferences explaining differential biological outcomes of two HLA-A2-restricted immunodominant epitopes from human immunodeficiency virus type 1. <i>Journal of Virology</i> , 2002 , 76, 10219-25	6.6	14
21	Natural Killer Cell Sensing of Infected Cells Compensates for MyD88 Deficiency but Not IFN-I Activity in Resistance to Mouse Cytomegalovirus. <i>PLoS Pathogens</i> , 2015 , 11, e1004897	7.6	12
20	Dendritic cell subtypes from lymph nodes and blood show contrasted gene expression programs upon Bluetongue virus infection. <i>Journal of Virology</i> , 2013 , 87, 9333-43	6.6	10
19	Characterization of Dendritic Cell Subsets Through Gene Expression Analysis. <i>Methods in Molecular Biology</i> , 2016 , 1423, 211-43	1.4	10
18	The anti-influenza M2e antibody response is promoted by XCR1 targeting in pig skin. <i>Scientific Reports</i> , 2017 , 7, 7639	4.9	9
17	Innate Immunity and Viral Infections 2014 , 139-160		9
16	NF-B-dependent IRF1 activation programs cDC1 dendritic cells to drive antitumor immunity. <i>Science Immunology</i> , 2021 , 6,	28	9
15	Differentiation Paths of Peyer's Patch LysoDCs Are Linked to Sampling Site Positioning, Migration, and T Cell Priming. <i>Cell Reports</i> , 2020 , 31, 107479	10.6	8
14	Type 1 conventional dendritic cells and interferons are required for spontaneous CD4 and CD8 T-cell protective responses to breast cancer. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1305	6.8	8
13	Studies of SARM1 uncover similarities between immune and neuronal responses to danger. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2007 , 2007, pe73		7
12	The quest for faithful in vitro models of human dendritic cells types. <i>Molecular Immunology</i> , 2020 , 123, 40-59	4.3	6
11	Integration of ER stress and viral nucleotide sensing in DCs: mounting a response commensurate to the threat?. <i>European Journal of Immunology</i> , 2011 , 41, 898-901	6.1	6
10	Increased diabetes development and decreased function of CD4+CD25+ Treg in the absence of a functional DAP12 adaptor protein. <i>European Journal of Immunology</i> , 2008 , 38, 3191-9	6.1	6

9	Professional cross-presenting CD8 α type CD141(hi) dendritic cells: we have got you in our skin!. <i>Immunity</i> , 2012 , 37, 3-5	32.3	5
8	How opportunistic agents benefit from viral infections: the plasmacytoid dendritic cell connection. <i>Cell Host and Microbe</i> , 2008 , 4, 305-7	23.4	4
7	NK cells orchestrate splenic cDC1 migration to potentiate antiviral protective CD8+ T cell responses		3
6	Rab7b regulates dendritic cell migration by linking lysosomes to the actomyosin cytoskeleton. <i>Journal of Cell Science</i> , 2021 , 134,	5.3	3
5	Natural killer cells and dendritic epidermal T cells orchestrate type 1 conventional DC spatiotemporal repositioning toward CD8 T cells. <i>iScience</i> , 2021 , 24, 103059	6.1	3
4	In situ detection of antigen-specific tumor-infiltrating lymphocytes using newly designed tetramers. <i>Journal of Immunological Methods</i> , 2003 , 280, 103-11	2.5	2
3	Tolerogenic dendritic cells: a KARAP/DAP12/IRF-8/ICSBP balance. <i>Blood</i> , 2006 , 107, 2591-2592	2.2	1
2	Dendritic Cells in Viral Infection 2016 , 207-221		1
1	How aging compromises antiviral defenses: a role for imbalanced innate cytokine production. <i>Cell Host and Microbe</i> , 2009 , 6, 397-9	23.4	