Marc Dalod

List of Publications by Year in Descending Order

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	NF-B-dependent IRF1 activation programs cDC1 dendritic cells to drive antitumor immunity. *Science Immunology*, **2021**, 6,	28	9
115	Type 1 conventional dendritic cells and interferons are required for spontaneous CD4 and CD8 T-cell protective responses to breast cancer. *Clinical and Translational Immunology*, **2021**, 10, e1305	6.8	8
114	Rab7b regulates dendritic cell migration by linking lysosomes to the actomyosin cytoskeleton. *Journal of Cell Science*, **2021**, 134,	5.3	3
113	Natural killer cells and dendritic epidermal T cells orchestrate type 1 conventional DC spatiotemporal repositioning toward CD8 T cells. *IScience*, **2021**, 24, 103059	6.1	3
112	The quest for faithful in vitro models of human dendritic cells types. *Molecular Immunology*, **2020**, 123, 40-59	4.3	6
111	ImmGen at 15. *Nature Immunology*, **2020**, 21, 700-703	19.1	20
110	The activation trajectory of plasmacytoid dendritic cells in vivo during a viral infection. *Nature Immunology*, **2020**, 21, 983-997	19.1	25
109	Subsets of CD1c DCs: Dendritic Cell Versus Monocyte Lineage. *Frontiers in Immunology*, **2020**, 11, 559166	8.4	16
108	Differentiation Paths of Peyer's Patch LysoDCs Are Linked to Sampling Site Positioning, Migration, and T Cell Priming. *Cell Reports*, **2020**, 31, 107479	10.6	8
107	IFN-III is selectively produced by cDC1 and predicts good clinical outcome in breast cancer. *Science Immunology*, **2020**, 5,	28	42
106	Are Conventional Type 1 Dendritic Cells Critical for Protective Antitumor Immunity and How?. *Frontiers in Immunology*, **2019**, 10, 9	8.4	69
105	Nidogen-1 Contributes to the Interaction Network Involved in Pro-B Cell Retention in the Peri-sinusoidal Hematopoietic Stem Cell Niche. *Cell Reports*, **2019**, 26, 3257-3271.e8	10.6	33
104	Membrane Cholesterol Efflux Drives Tumor-Associated Macrophage Reprogramming and Tumor Progression. *Cell Metabolism*, **2019**, 29, 1376-1389.e4	24.6	118
103	Human Tolerogenic Dendritic Cells Regulate Immune Responses through Lactate Synthesis. *Cell Metabolism*, **2019**, 30, 1075-1090.e8	24.6	24
102	Unveiling skin macrophage dynamics explains both tattoo persistence and strenuous removal. *Journal of Experimental Medicine*, **2018**, 215, 1115-1133	16.6	60
101	Molecular dissection of plasmacytoid dendritic cell activation during a viral infection. *EMBO Journal* , **2018**, 37,	13	27
100	Large-Scale Human Dendritic Cell Differentiation Revealing Notch-Dependent Lineage Bifurcation and Heterogeneity. *Cell Reports*, **2018**, 24, 1902-1915.e6	10.6	68

99	Novel Cre-Expressing Mouse Strains Permitting to Selectively Track and Edit Type 1 Conventional Dendritic Cells Facilitate Disentangling Their Complexity. *Frontiers in Immunology*, **2018**, 9, 2805	8.4	16
98	The transcription factors Runx3 and ThPOK cross-regulate acquisition of cytotoxic function by human Th1 lymphocytes. *ELife*, **2018**, 7,	8.9	25
97	Protein synthesis inhibition and GADD34 control IFN-β heterogeneous expression in response to dsRNA. *EMBO Journal*, **2017**, 36, 761-782	13	40
96	Tissue-specific differentiation of colonic macrophages requires TGFR receptor-mediated signaling. *Mucosal Immunology*, **2017**, 10, 1387-1399	9.2	79
95	C-type lectin receptor DCIR modulates immunity to tuberculosis by sustaining type I interferon signaling in dendritic cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E540-E549	11.5	41
94	Targeting Influenza Virus Hemagglutinin to Xcr1 Dendritic Cells in the Absence of Receptor-Mediated Endocytosis Enhances Protective Antibody Responses. *Journal of Immunology*, **2017**, 198, 2785-2795	5.3	25
93	Distribution, location, and transcriptional profile of PeyerR patch conventional DC subsets at steady state and under TLR7 ligand stimulation. *Mucosal Immunology*, **2017**, 10, 1412-1430	9.2	18
92	Profiling MHC II immunopeptidome of blood-stage malaria reveals that cDC1 control the functionality of parasite-specific CD4 T cells. *EMBO Molecular Medicine*, **2017**, 9, 1605-1621	12	20
91	Molecular and Functional Characterization of Lymphoid Progenitor Subsets Reveals a Bipartite Architecture of Human Lymphopoiesis. *Immunity*, **2017**, 47, 680-696.e8	32.3	16
90	Constitutive resistance to viral infection in human CD141 dendritic cells. *Science Immunology*, **2017**, 2,	28	62
89	TGFR signalling controls CD103CD11b dendritic cell development in the intestine. *Nature Communications*, **2017**, 8, 620	17.4	47
88	The anti-influenza M2e antibody response is promoted by XCR1 targeting in pig skin. *Scientific Reports*, **2017**, 7, 7639	4.9	9
87	T Cell Zone Resident Macrophages Silently Dispose of Apoptotic Cells in the Lymph Node. *Immunity* , **2017**, 47, 349-362.e5	32.3	61
86	Expanding the tools for identifying mononuclear phagocyte subsets in swine: Reagents to porcine CD11c and XCR1. *Developmental and Comparative Immunology*, **2016**, 65, 31-40	3.2	17
85	Broad and Largely Concordant Molecular Changes Characterize Tolerogenic and Immunogenic Dendritic Cell Maturation in Thymus and Periphery. *Immunity*, **2016**, 45, 305-18	32.3	93
84	Proteomics of Human Dendritic Cell Subsets Reveals Subset-Specific Surface Markers and Differential Inflammasome Function. *Cell Reports*, **2016**, 16, 2953-2966	10.6	42
83	IRF8 Transcription Factor Controls Survival and Function of Terminally Differentiated Conventional and Plasmacytoid Dendritic Cells, Respectively. *Immunity*, **2016**, 45, 626-640	32.3	157
82	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. *Journal of Immunological Methods*, **2016**, 432, 35-49	2.5	34

81	XCR1+ dendritic cells promote memory CD8+ T cell recall upon secondary infections with Listeria monocytogenes or certain viruses. *Journal of Experimental Medicine*, **2016**, 213, 75-92	16.6	71
80	Dendritic Cells in Viral Infection **2016**, 207-221		1
79	Characterization of Dendritic Cell Subsets Through Gene Expression Analysis. *Methods in Molecular Biology*, **2016**, 1423, 211-43	1.4	10
78	In Vitro Generation of Human XCR1(+) Dendritic Cells from CD34(+) Hematopoietic Progenitors. *Methods in Molecular Biology*, **2016**, 1423, 19-37	1.4	15
77	Transmission of innate immune signaling by packaging of cGAMP in viral particles. *Science*, **2015**, 349, 1232-6	33.3	172
76	Natural Killer Cell Sensing of Infected Cells Compensates for MyD88 Deficiency but Not IFN-I Activity in Resistance to Mouse Cytomegalovirus. *PLoS Pathogens*, **2015**, 11, e1004897	7.6	12
75	Homeostatic NF-B Signaling in Steady-State Migratory Dendritic Cells Regulates Immune Homeostasis and Tolerance. *Immunity*, **2015**, 42, 627-39	32.3	91
74	Dynamics and Transcriptomics of Skin Dendritic Cells and Macrophages in an Imiquimod-Induced, Biphasic Mouse Model of Psoriasis. *Journal of Immunology*, **2015**, 195, 4953-61	5.3	55
73	BubbleGUM: automatic extraction of phenotype molecular signatures and comprehensive visualization of multiple Gene Set Enrichment Analyses. *BMC Genomics*, **2015**, 16, 814	4.5	52
72	Investigating Evolutionary Conservation of Dendritic Cell Subset Identity and Functions. *Frontiers in Immunology*, **2015**, 6, 260	8.4	72
71	Defining Mononuclear Phagocyte Subset Homology Across Several Distant Warm-Blooded Vertebrates Through Comparative Transcriptomics. *Frontiers in Immunology*, **2015**, 6, 299	8.4	50
70	Dendritic cell maturation: functional specialization through signaling specificity and transcriptional programming. *EMBO Journal*, **2014**, 33, 1104-16	13	221
69	Dok1 and Dok2 proteins regulate natural killer cell development and function. *EMBO Journal*, **2014**, 33, 1928-40	13	25
68	Pig skin includes dendritic cell subsets transcriptomically related to human CD1a and CD14 dendritic cells presenting different migrating behaviors and T cell activation capacities. *Journal of Immunology*, **2014**, 193, 5883-93	5.3	38
67	Innate Immunity and Viral Infections **2014**, 139-160		9
66	TLR3-responsive, XCR1+, CD141(BDCA-3)+/CD8-equivalent dendritic cells uncovered in healthy and simian immunodeficiency virus-infected rhesus macaques. *Journal of Immunology*, **2014**, 192, 4697-708	5.3	34
65	Harnessing Mechanistic Knowledge on Beneficial Versus Deleterious IFN-I Effects to Design Innovative Immunotherapies Targeting Cytokine Activity to Specific Cell Types. *Frontiers in Immunology*, **2014**, 5, 526	8.4	37
64	Deciphering the role of DC subsets in MCMV infection to better understand immune protection against viral infections. *Frontiers in Microbiology*, **2014**, 5, 378	5.7	38

63	Existence of conventional dendritic cells in Gallus gallus revealed by comparative gene expression profiling. *Journal of Immunology*, **2014**, 192, 4510-7	5.3	36
62	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. *Journal of Immunology*, **2014**, 193, 1622-35	5.3	90
61	Origins and functional specialization of macrophages and of conventional and monocyte-derived dendritic cells in mouse skin. *Immunity*, **2013**, 39, 925-38	32.3	506
60	Human inflammatory dendritic cells induce Th17 cell differentiation. *Immunity*, **2013**, 38, 336-48	32.3	435
59	Natural killer cells are required for extramedullary hematopoiesis following murine cytomegalovirus infection. *Cell Host and Microbe*, **2013**, 13, 535-545	23.4	23
58	Dendritic cell subtypes from lymph nodes and blood show contrasted gene expression programs upon Bluetongue virus infection. *Journal of Virology*, **2013**, 87, 9333-43	6.6	10
57	Plasmacytoid, conventional, and monocyte-derived dendritic cells undergo a profound and convergent genetic reprogramming during their maturation. *European Journal of Immunology*, **2013**, 43, 1706-15	6.1	70
56	Differential responses of immune cells to type I interferon contribute to host resistance to viral infection. *Cell Host and Microbe*, **2012**, 12, 571-84	23.4	73
55	Professional cross-presenting CD8+ type CD141(hi) dendritic cells: we have got you in our skin!. *Immunity*, **2012**, 37, 3-5	32.3	5
54	Protection from inflammatory organ damage in a murine model of hemophagocytic lymphohistiocytosis using treatment with IL-18 binding protein. *Frontiers in Immunology*, **2012**, 3, 239	8.4	48
53	Inflammatory monocytes and neutrophils are licensed to kill during memory responses in vivo. *PLoS Pathogens*, **2011**, 7, e1002457	7.6	49
52	BAD-LAMP is a novel biomarker of nonactivated human plasmacytoid dendritic cells. *Blood*, **2011**, 118, 609-17	2.2	28
51	Integration of ER stress and viral nucleotide sensing in DCs: mounting a response commensurate to the threat?. *European Journal of Immunology*, **2011**, 41, 898-901	6.1	6
50	Viral infection prevents diabetes by inducing regulatory T cells through NKT cell-plasmacytoid dendritic cell interplay. *Journal of Experimental Medicine*, **2011**, 208, 729-45	16.6	71
49	Cutting edge: expression of XCR1 defines mouse lymphoid-tissue resident and migratory dendritic cells of the CD8+ type. *Journal of Immunology*, **2011**, 187, 4411-5	5.3	149
48	Identity, regulation and in vivo function of gut NKp46+RORγt+ and NKp46+RORγt- lymphoid cells. *EMBO Journal*, **2011**, 30, 2934-47	13	139
47	Disentangling the complexity of the skin dendritic cell network. *Immunology and Cell Biology*, **2010**, 88, 366-75	5	83
46	Comparative genomics as a tool to reveal functional equivalences between human and mouse dendritic cell subsets. *Immunological Reviews*, **2010**, 234, 177-98	11.3	144

45	The XC chemokine receptor 1 is a conserved selective marker of mammalian cells homologous to mouse CD8alpha+ dendritic cells. *Journal of Experimental Medicine*, **2010**, 207, 1283-92	16.6	478
44	Existence of CD8-like dendritic cells with a conserved functional specialization and a common molecular signature in distant mammalian species. *Journal of Immunology*, **2010**, 185, 3313-25	5.3	96
43	Nomenclature of monocytes and dendritic cells in blood. *Blood*, **2010**, 116, e74-80	2.2	1566
42	Skin-draining lymph nodes contain dermis-derived CD103(-) dendritic cells that constitutively produce retinoic acid and induce Foxp3(+) regulatory T cells. *Blood*, **2010**, 115, 1958-68	2.2	257
41	From skin dendritic cells to a simplified classification of human and mouse dendritic cell subsets. *European Journal of Immunology*, **2010**, 40, 2089-94	6.1	107
40	Plasmacytoid dendritic cells and the control of herpesvirus infections. *Viruses*, **2009**, 1, 383-419	6.2	21
39	Influence of the transcription factor RORgammat on the development of NKp46+ cell populations in gut and skin. *Nature Immunology*, **2009**, 10, 75-82	19.1	456
38	Crosstalk between components of the innate immune system: promoting anti-microbial defenses and avoiding immunopathologies. *Immunological Reviews*, **2009**, 227, 129-49	11.3	50
37	NKT cell-plasmacytoid dendritic cell cooperation via OX40 controls viral infection in a tissue-specific manner. *Immunity*, **2009**, 30, 289-99	32.3	85
36	How aging compromises antiviral defenses: a role for imbalanced innate cytokine production. *Cell Host and Microbe*, **2009**, 6, 397-9	23.4	
35	Novel insights into the relationships between dendritic cell subsets in human and mouse revealed by genome-wide expression profiling. *Genome Biology*, **2008**, 9, R17	18.3	402
34	How opportunistic agents benefit from viral infections: the plasmacytoid dendritic cell connection. *Cell Host and Microbe*, **2008**, 4, 305-7	23.4	4
33	Cutting edge: Overlapping functions of TLR7 and TLR9 for innate defense against a herpesvirus infection. *Journal of Immunology*, **2008**, 180, 5799-803	5.3	104
32	Cutting edge: Priming of NK cells by IL-18. *Journal of Immunology*, **2008**, 181, 1627-31	5.3	229
31	Individual plasmacytoid dendritic cells are major contributors to the production of multiple innate cytokines in an organ-specific manner during viral infection. *International Immunology*, **2008**, 20, 45-56	4.9	56
30	Natural killer cells in immunodefense against infective agents. *Expert Review of Anti-Infective Therapy*, **2008**, 6, 867-85	5.5	20
29	Increased diabetes development and decreased function of CD4+CD25+ Treg in the absence of a functional DAP12 adaptor protein. *European Journal of Immunology*, **2008**, 38, 3191-9	6.1	6
28	Intrasplenic trafficking of natural killer cells is redirected by chemokines upon inflammation. *European Journal of Immunology*, **2008**, 38, 2076-84	6.1	51

27	Killer dendritic cells: IKDC and the others. *Current Opinion in Immunology*, **2008**, 20, 558-65	7.8	31
26	Identification, activation, and selective in vivo ablation of mouse NK cells via NKp46. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 3384-9	11.5	361
25	Natural killer cells promote early CD8 T cell responses against cytomegalovirus. *PLoS Pathogens*, **2007**, 3, e123	7.6	135
24	Studies of SARM1 uncover similarities between immune and neuronal responses to danger. *Science's STKE: Signal Transduction Knowledge Environment*, **2007**, 2007, pe73		7
23	DAP12 signaling regulates plasmacytoid dendritic cell homeostasis and down-modulates their function during viral infection. *Journal of Immunology*, **2006**, 177, 2908-16	5.3	45
22	Tolerogenic dendritic cells: a KARAP/DAP12-IRF-8/ICSBP balance. *Blood*, **2006**, 107, 2591-2592	2.2	1
21	Ikaros is required for plasmacytoid dendritic cell differentiation. *Blood*, **2006**, 108, 4025-34	2.2	104
20	Natural killer cell-dendritic cell crosstalk in the initiation of immune responses. *Expert Opinion on Biological Therapy*, **2005**, 5 Suppl 1, S49-59	5.4	77
19	Natural-killer cells and dendritic cells: "l'union fait la force". *Blood*, **2005**, 106, 2252-8	2.2	457
18	MyD88-dependent and -independent murine cytomegalovirus sensing for IFN-alpha release and initiation of immune responses in vivo. *Journal of Immunology*, **2005**, 175, 6723-32	5.3	174
17	In situ detection of antigen-specific tumor-infiltrating lymphocytes using newly designed tetramers. *Journal of Immunological Methods*, **2003**, 280, 103-11	2.5	2
16	Impact of antiretroviral therapy and changes in virus load on human immunodeficiency virus (HIV)-specific T cell responses in primary HIV infection. *Journal of Infectious Diseases*, **2003**, 187, 748-57	7	62
15	Dendritic cell responses to early murine cytomegalovirus infection: subset functional specialization and differential regulation by interferon alpha/beta. *Journal of Experimental Medicine*, **2003**, 197, 885-98	16.6	301
14	Coordinated and distinct roles for IFN-alpha beta, IL-12, and IL-15 regulation of NK cell responses to viral infection. *Journal of Immunology*, **2002**, 169, 4279-87	5.3	494
13	Interferon alpha/beta and interleukin 12 responses to viral infections: pathways regulating dendritic cell cytokine expression in vivo. *Journal of Experimental Medicine*, **2002**, 195, 517-28	16.6	385
12	Study of antigen-processing steps reveals preferences explaining differential biological outcomes of two HLA-A2-restricted immunodominant epitopes from human immunodeficiency virus type 1. *Journal of Virology*, **2002**, 76, 10219-25	6.6	14
11	NK cell functions restrain T cell responses during viral infections. *European Journal of Immunology*, **2001**, 31, 3048-55	6.1	123
10	Mouse type I IFN-producing cells are immature APCs with plasmacytoid morphology. *Nature Immunology*, **2001**, 2, 1144-50	19.1	861

9	Characteristics of HIV-1 Nef regions containing multiple CD8+ T cell epitopes: wealth of HLA-binding motifs and sensitivity to proteasome degradation. *Journal of Immunology*, **2001**, 166, 6164-9	5.3	43
8	Altered ex vivo balance between CD28+ and CD28- cells within HIV-specific CD8+ T cells of HIV-seropositive patients. *European Journal of Immunology*, **1999**, 29, 38-44	6.1	38
7	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. *Journal of Virology*, **1999**, 73, 7108-16	6.6	120
6	Weak anti-HIV CD8(+) T-cell effector activity in HIV primary infection. *Journal of Clinical Investigation*, **1999**, 104, 1431-9	15.9	117
5	Evolution of cytotoxic T lymphocyte responses to human immunodeficiency virus type 1 in patients with symptomatic primary infection receiving antiretroviral triple therapy. *Journal of Infectious Diseases*, **1998**, 178, 61-9	7	82
4	Cross-reactions between the cytotoxic T-lymphocyte responses of human immunodeficiency virus-infected African and European patients. *Journal of Virology*, **1998**, 72, 3547-53	6.6	61
3	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. *AIDS Research and Human Retroviruses*, **1996**, 12, 497-506	1.6	23
2	Predominant involvement of CD8+CD28- lymphocytes in human immunodeficiency virus-specific cytotoxic activity. *Journal of Virology*, **1996**, 70, 2022-6	6.6	67
1	NK cells orchestrate splenic cDC1 migration to potentiate antiviral protective CD8+ T cell responses		3