

Christophe Caux

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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.

126
papers

18,654
citations

57
h-index

136
g-index

149
ext. papers

20,563
ext. citations

8.3
avg, IF

6.1
L-index

#	Paper	IF	Citations
126	Immunobiology of dendritic cells. <i>Annual Review of Immunology</i> , 2000 , 18, 767-811	34.7	5321
125	Selective recruitment of immature and mature dendritic cells by distinct chemokines expressed in different anatomic sites. <i>Journal of Experimental Medicine</i> , 1998 , 188, 373-86	16.6	1196
124	Langerin, a novel C-type lectin specific to Langerhans cells, is an endocytic receptor that induces the formation of Birbeck granules. <i>Immunity</i> , 2000 , 12, 71-81	32.3	757
123	Regulatory T cells recruited through CCL22/CCR4 are selectively activated in lymphoid infiltrates surrounding primary breast tumors and lead to an adverse clinical outcome. <i>Cancer Research</i> , 2009 , 69, 2000-9	10.1	489
122	Up-regulation of macrophage inflammatory protein-3 alpha/CCL20 and CC chemokine receptor 6 in psoriasis. <i>Journal of Immunology</i> , 2000 , 164, 6621-32	5.3	454
121	A type I interferon autocrine-paracrine loop is involved in Toll-like receptor-induced interleukin-12p70 secretion by dendritic cells. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1435-46	16.6	433
120	CD34+ Hematopoietic Progenitors From Human Cord Blood Differentiate Along Two Independent Dendritic Cell Pathways in Response to Granulocyte-Macrophage Colony-Stimulating Factor Plus Tumor Necrosis Factor β . Functional Analysis. <i>Blood</i> , 1997 , 90, 1458-1470	2.2	372
119	Cold Tumors: A Therapeutic Challenge for Immunotherapy. <i>Frontiers in Immunology</i> , 2019 , 10, 168	8.4	338
118	Macrophage inflammatory protein 3alpha is expressed at inflamed epithelial surfaces and is the most potent chemokine known in attracting Langerhans cell precursors. <i>Journal of Experimental Medicine</i> , 2000 , 192, 705-18	16.6	329
117	CCR6, a CC chemokine receptor that interacts with macrophage inflammatory protein 3alpha and is highly expressed in human dendritic cells. <i>Journal of Experimental Medicine</i> , 1997 , 186, 837-44	16.6	325
116	TGF- β inhibits the activation and functions of NK cells by repressing the mTOR pathway. <i>Science Signaling</i> , 2016 , 9, ra19	8.8	297
115	Reversal of tumor-induced dendritic cell paralysis by CpG immunostimulatory oligonucleotide and anti-interleukin 10 receptor antibody. <i>Journal of Experimental Medicine</i> , 2002 , 196, 541-9	16.6	296
114	Chemokines in cancer. <i>Cytokine and Growth Factor Reviews</i> , 2002 , 13, 143-54	17.9	287
113	Dendritic cells rapidly recruited into epithelial tissues via CCR6/CCL20 are responsible for CD8+ T cell crosspriming in vivo. <i>Immunity</i> , 2006 , 24, 191-201	32.3	280
112	Dendritic cells enhance growth and differentiation of CD40-activated B lymphocytes. <i>Journal of Experimental Medicine</i> , 1997 , 185, 941-51	16.6	264
111	Measles virus infects human dendritic cells and blocks their allostimulatory properties for CD4+ T cells. <i>Journal of Experimental Medicine</i> , 1997 , 186, 801-12	16.6	242
110	Dendritic cell biology and regulation of dendritic cell trafficking by chemokines. <i>Seminars in Immunopathology</i> , 2000 , 22, 345-69		242

109	The monoclonal antibody DCGM4 recognizes Langerin, a protein specific of Langerhans cells, and is rapidly internalized from the cell surface. <i>European Journal of Immunology</i> , 1999 , 29, 2695-704	6.1	233
108	Impaired IFN- γ production by plasmacytoid dendritic cells favors regulatory T-cell expansion that may contribute to breast cancer progression. <i>Cancer Research</i> , 2012 , 72, 5188-97	10.1	216
107	Human Langerhans cells express a specific TLR profile and differentially respond to viruses and Gram-positive bacteria. <i>Journal of Immunology</i> , 2006 , 177, 7959-67	5.3	210
106	Human dendritic cells skew isotype switching of CD40-activated naive B cells towards IgA1 and IgA2. <i>Journal of Experimental Medicine</i> , 1997 , 185, 1909-18	16.6	209
105	The inducible CXCR3 ligands control plasmacytoid dendritic cell responsiveness to the constitutive chemokine stromal cell-derived factor 1 (SDF-1)/CXCL12. <i>Journal of Experimental Medicine</i> , 2003 , 198, 823-30	16.6	199
104	Regulation of dendritic cell trafficking: a process that involves the participation of selective chemokines. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 252-62	6.5	199
103	Recognition of double-stranded RNA by human toll-like receptor 3 and downstream receptor signaling requires multimerization and an acidic pH. <i>Journal of Biological Chemistry</i> , 2005 , 280, 38133-45	5.4	192
102	Tumour escape from immune surveillance through dendritic cell inactivation. <i>Seminars in Cancer Biology</i> , 2002 , 12, 33-42	12.7	190
101	Dendritic cell development: multiple pathways to nature's adjuvants. <i>Stem Cells</i> , 1997 , 15, 409-19	5.8	182
100	Interleukin 10 inhibits T cell alloreaction induced by human dendritic cells. <i>International Immunology</i> , 1994 , 6, 1177-85	4.9	176
99	Recent advances in the study of dendritic cells and follicular dendritic cells. <i>Trends in Immunology</i> , 1995 , 16, 2-4		168
98	CCL1-CCR8 interactions: an axis mediating the recruitment of T cells and Langerhans-type dendritic cells to sites of atopic skin inflammation. <i>Journal of Immunology</i> , 2005 , 174, 5082-91	5.3	162
97	Targeting Adenosine in Cancer Immunotherapy to Enhance T-Cell Function. <i>Frontiers in Immunology</i> , 2019 , 10, 925	8.4	159
96	Intratumoral immunization: a new paradigm for cancer therapy. <i>Clinical Cancer Research</i> , 2014 , 20, 1747-56	5.9	153
95	Human thymus contains IFN-alpha-producing CD11c(-), myeloid CD11c(+), and mature interdigitating dendritic cells. <i>Journal of Clinical Investigation</i> , 2001 , 107, 835-44	15.9	148
94	Quantitative and functional alterations of plasmacytoid dendritic cells contribute to immune tolerance in ovarian cancer. <i>Cancer Research</i> , 2011 , 71, 5423-34	10.1	140
93	Sequential involvement of CCR2 and CCR6 ligands for immature dendritic cell recruitment: possible role at inflamed epithelial surfaces. <i>European Journal of Immunology</i> , 2002 , 32, 231-42	6.1	140
92	ICOS-ligand expression on plasmacytoid dendritic cells supports breast cancer progression by promoting the accumulation of immunosuppressive CD4+ T cells. <i>Cancer Research</i> , 2012 , 72, 6130-41	10.1	134

91	Tumor promotion by intratumoral plasmacytoid dendritic cells is reversed by TLR7 ligand treatment. <i>Cancer Research</i> , 2013 , 73, 4629-40	10.1	132
90	Antitumor effects of the mouse chemokine 6Ckine/SLC through angiostatic and immunological mechanisms. <i>Journal of Immunology</i> , 2000 , 165, 1992-2000	5.3	131
89	Interleukin-10 inhibits the primary allogeneic T cell response to human epidermal Langerhans cells. <i>European Journal of Immunology</i> , 1994 , 24, 884-91	6.1	124
88	Regulation of dendritic cell recruitment by chemokines. <i>Transplantation</i> , 2002 , 73, S7-11	1.8	111
87	Respective involvement of TGF-beta and IL-4 in the development of Langerhans cells and non-Langerhans dendritic cells from CD34+ progenitors. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 781-91	6.5	110
86	Dendritic cells directly modulate B cell growth and differentiation. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 224-30	6.5	107
85	Targeting pattern recognition receptors in cancer immunotherapy. <i>Targeted Oncology</i> , 2012 , 7, 29-54	5	100
84	Differences in tumor regulatory T-cell localization and activation status impact patient outcome. <i>Cancer Research</i> , 2009 , 69, 7895-8	10.1	91
83	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
82	Impaired Toll-like receptor 7 and 9 signaling: from chronic viral infections to cancer. <i>Trends in Immunology</i> , 2010 , 31, 391-7	14.4	86
81	Plasmacytoid dendritic cells infiltrating ovarian cancer are associated with poor prognosis. <i>Onc Immunology</i> , 2012 , 1, 380-382	7.2	85
80	Identification and analysis of a novel member of the ubiquitin family expressed in dendritic cells and mature B cells. <i>European Journal of Immunology</i> , 1997 , 27, 2471-7	6.1	85
79	Lymphopenia in Cancer Patients and its Effects on Response to Immunotherapy: an opportunity for combination with Cytokines? 2019 , 7, 85		84
78	Early detection of tumor cells by innate immune cells leads to T(reg) recruitment through CCL22 production by tumor cells. <i>Cancer Research</i> , 2011 , 71, 6143-52	10.1	82
77	TLR3 and Rig-like receptor on myeloid dendritic cells and Rig-like receptor on human NK cells are both mandatory for production of IFN-gamma in response to double-stranded RNA. <i>Journal of Immunology</i> , 2010 , 185, 2080-8	5.3	75
76	Neutrophil Heterogeneity in Cancer: From Biology to Therapies. <i>Frontiers in Immunology</i> , 2019 , 10, 21558.4		74
75	Lymphopenia combined with low TCR diversity (divpenia) predicts poor overall survival in metastatic breast cancer patients. <i>Onc Immunology</i> , 2012 , 1, 432-440	7.2	67
74	Breast cancer-derived transforming growth factor- β and tumor necrosis factor- α compromise interferon- γ production by tumor-associated plasmacytoid dendritic cells. <i>International Journal of Cancer</i> , 2013 , 133, 771-8	7.5	65

73	Cell proliferation and survival induced by Toll-like receptors is antagonized by type I IFNs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 8047-52	11.5	62
72	Distinct and overlapping roles of interleukin-10 and CD25+ regulatory T cells in the inhibition of antitumor CD8 T-cell responses. <i>Cancer Research</i> , 2005 , 65, 8479-86	10.1	62
71	Corticosteroids prevent generation of CD34+-derived dermal dendritic cells but do not inhibit Langerhans cell development. <i>Journal of Immunology</i> , 2002 , 168, 6181-8	5.3	62
70	Targeting regulatory T cells. <i>Targeted Oncology</i> , 2012 , 7, 15-28	5	57
69	Pharmacological analysis of calcium responses mediated by the human A3 adenosine receptor in monocyte-derived dendritic cells and recombinant cells. <i>Molecular Pharmacology</i> , 2003 , 63, 342-50	4.3	54
68	Human dendritic cells express neuronal Eph receptor tyrosine kinases: role of EphA2 in regulating adhesion to fibronectin. <i>Blood</i> , 2003 , 102, 4431-40	2.2	53
67	A Milestone Review on How Macrophages Affect Tumor Growth. <i>Cancer Research</i> , 2016 , 76, 6439-6442	10.1	53
66	PRKDC mutations associated with immunodeficiency, granuloma, and autoimmune regulator-dependent autoimmunity. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 1578-88.e5	11.5	52
65	High diversity of the immune repertoire in humanized NOD.SCID.gamma c-/- mice. <i>European Journal of Immunology</i> , 2009 , 39, 2136-45	6.1	49
64	Human natural killer cells promote cross-presentation of tumor cell-derived antigens by dendritic cells. <i>International Journal of Cancer</i> , 2015 , 136, 1085-94	7.5	48
63	Follicular B Lymphomas Generate Regulatory T Cells via the ICOS/ICOSL Pathway and Are Susceptible to Treatment by Anti-ICOS/ICOSL Therapy. <i>Cancer Research</i> , 2016 , 76, 4648-60	10.1	46
62	CpG promotes cross-presentation of dead cell-associated antigens by pre-CD8 α dendritic cells [corrected]. <i>Journal of Immunology</i> , 2011 , 186, 1503-11	5.3	44
61	Breast carcinoma cells promote the differentiation of CD34+ progenitors towards 2 different subpopulations of dendritic cells with CD1a(high)CD86(-)Langerin- and CD1a(+)-CD86(+)-Langerin+ phenotypes. <i>International Journal of Cancer</i> , 2004 , 110, 710-20	7.5	44
60	Genetic alterations and tumor immune attack in Yo paraneoplastic cerebellar degeneration. <i>Acta Neuropathologica</i> , 2018 , 135, 569-579	14.3	43
59	ICOS is associated with poor prognosis in breast cancer as it promotes the amplification of immunosuppressive CD4 T cells by plasmacytoid dendritic cells. <i>Oncotarget</i> , 2013 , 2, e23185	7.2	43
58	IFN-III is selectively produced by cDC1 and predicts good clinical outcome in breast cancer. <i>Science Immunology</i> , 2020 , 5,	28	42
57	Autocrine Adenosine Regulates Tumor Polyfunctional CD73CD4 Effector T Cells Devoid of Immune Checkpoints. <i>Cancer Research</i> , 2018 , 78, 3604-3618	10.1	40
56	Disequilibrium of BMP2 levels in the breast stem cell niche launches epithelial transformation by overamplifying BMPRII cell response. <i>Stem Cell Reports</i> , 2015 , 4, 239-54	8	40

55	CD34+ Hematopoietic Progenitors From Human Cord Blood Differentiate Along Two Independent Dendritic Cell Pathways in Response to Granulocyte-Macrophage Colony-Stimulating Factor Plus Tumor Necrosis Factor β . Functional Analysis. <i>Blood</i> , 1997 , 90, 1458-1470	2.2	40
54	Plasmacytoid dendritic cells deficient in IFN β production promote the amplification of FOXP3 regulatory T cells and are associated with poor prognosis in breast cancer patients. <i>Oncolmmunology</i> , 2013 , 2, e22338	7.2	39
53	CCR6/CCR10-mediated plasmacytoid dendritic cell recruitment to inflamed epithelia after instruction in lymphoid tissues. <i>Blood</i> , 2011 , 118, 5130-40	2.2	39
52	A novel regulation of PD-1 ligands on mesenchymal stromal cells through MMP-mediated proteolytic cleavage. <i>Oncolmmunology</i> , 2016 , 5, e1091146	7.2	38
51	Breast Cancer Cell-Derived GM-CSF Licenses Regulatory Th2 Induction by Plasmacytoid Predendritic Cells in Aggressive Disease Subtypes. <i>Cancer Research</i> , 2015 , 75, 2775-87	10.1	38
50	Expression of macrophage inflammatory protein-3 α , stromal cell-derived factor-1, and B-cell-attracting chemokine-1 identifies the tonsil crypt as an attractive site for B cells. <i>Blood</i> , 2001 , 97, 3992-4	2.2	37
49	IL-10 induces CCR6 expression during Langerhans cell development while IL-4 and IFN- γ suppress it. <i>Journal of Immunology</i> , 2001 , 167, 5594-602	5.3	37
48	Paradigm shift in oncology: targeting the immune system rather than cancer cells. <i>Mutagenesis</i> , 2015 , 30, 205-11	2.8	36
47	BAD-LAMP controls TLR9 trafficking and signalling in human plasmacytoid dendritic cells. <i>Nature Communications</i> , 2017 , 8, 913	17.4	34
46	Repurposing rotavirus vaccines for intratumoral immunotherapy can overcome resistance to immune checkpoint blockade. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	34
45	Fc receptor gamma-chain activation via hOSCAR induces survival and maturation of dendritic cells and modulates Toll-like receptor responses. <i>Blood</i> , 2005 , 105, 3623-32	2.2	33
44	MIP-3 α /CCL20 in renal transplantation and its possible involvement as dendritic cell chemoattractant in allograft rejection. <i>American Journal of Transplantation</i> , 2005 , 5, 2114-25	8.7	31
43	CD73 expression and clinical significance in human metastatic melanoma. <i>Oncotarget</i> , 2018 , 9, 26659-26669	6.9	31
42	Patients with metastatic breast cancer leading to CD4+ T cell lymphopaenia have poor outcome. <i>European Journal of Cancer</i> , 2013 , 49, 1673-82	7.5	30
41	CD163 tumor-associated macrophage accumulation in breast cancer patients reflects both local differentiation signals and systemic skewing of monocytes. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1108	6.8	26
40	CD4 lymphopenia to identify end-of-life metastatic cancer patients. <i>European Journal of Cancer</i> , 2013 , 49, 1080-9	7.5	25
39	Virus overrides the propensity of human CD40L-activated plasmacytoid dendritic cells to produce Th2 mediators through synergistic induction of IFN- γ and Th1 chemokine production. <i>Journal of Leukocyte Biology</i> , 2005 , 78, 954-66	6.5	24
38	Emerging Role of the Unfolded Protein Response in Tumor Immunosurveillance. <i>Trends in Cancer</i> , 2017 , 3, 491-505	12.5	23

37	Prognostic value of the expression of C-Chemokine Receptor 6 and 7 and their ligands in non-metastatic breast cancer. <i>BMC Cancer</i> , 2011 , 11, 213	4.8	23
36	CD73 expression in normal and pathological human hepatobiliopancreatic tissues. <i>Cancer Immunology, Immunotherapy</i> , 2019 , 68, 467-478	7.4	20
35	Innate immune recognition of breast tumor cells mediates CCL22 secretion favoring Treg recruitment within tumor environment. <i>Oncolmunology</i> , 2012 , 1, 759-761	7.2	19
34	The class 6 semaphorin SEMA6A is induced by interferon-gamma and defines an activation status of langerhans cells observed in pathological situations. <i>American Journal of Pathology</i> , 2006 , 168, 453-65	5.8	19
33	Human Tumor-Infiltrating Dendritic Cells: From in Situ Visualization to High-Dimensional Analyses. <i>Cancers</i> , 2019 , 11,	6.6	17
32	MDR1 in immunity: friend or foe?. <i>Oncolmunology</i> , 2018 , 7, e1499388	7.2	17
31	In Vitro Regulation of Dendritic Cell Development and Function. <i>Blood Cell Biochemistry</i> , 1996 , 263-301		17
30	Description of the immune microenvironment of chondrosarcoma and contribution to progression. <i>Oncolmunology</i> , 2017 , 6, e1265716	7.2	15
29	In Vitro and In Vivo Comparison of Lymphocytes Transduced with a Human CD16 or with a Chimeric Antigen Receptor Reveals Potential Off-Target Interactions due to the IgG2 CH2-CH3 CAR-Spacer. <i>Journal of Immunology Research</i> , 2015 , 2015, 482089	4.5	15
28	Repurposing infectious disease vaccines for intratumoral immunotherapy 2020 , 8,		13
27	Recruitment and Expansion of Tregs Cells in the Tumor Environment-How to Target Them?. <i>Cancers</i> , 2021 , 13,	6.6	13
26	A novel combination of chemotherapy and immunotherapy controls tumor growth in mice with a human immune system. <i>Oncolmunology</i> , 2019 , 8, 1596005	7.2	12
25	Neopeptides-based vaccines: challenges and perspectives. <i>European Journal of Cancer</i> , 2019 , 108, 55-60	7.5	11
24	MAVS deficiency induces gut dysbiotic microbiota conferring a proallergic phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10404-10409	11.5	10
23	Autocrine role for Gas6 with Tyro3 and Axl in leiomyosarcomas. <i>Targeted Oncology</i> , 2013 , 8, 261-9	5	9
22	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
21	TLR9 transcriptional regulation in response to double-stranded DNA viruses. <i>Journal of Immunology</i> , 2014 , 193, 3398-408	5.3	7
20	Critical role of ITIM-bearing FcγR on DCs in the capture and presentation of native antigen to B cells. <i>Immunity</i> , 2005 , 23, 463-4	32.3	7

19	Immunobiology. Combined targeted and immunotherapy: the future of personalized medicine. <i>Blood</i> , 2012 , 120, 4454-5	2.2	6
18	Infection of human dendritic cells by measles virus induces immune suppression. <i>Advances in Experimental Medicine and Biology</i> , 1997 , 417, 421-3	3.6	6
17	Activation of primary allogeneic CD8+ T cells by dendritic cells generated in vitro from CD34+ cord blood progenitor cells. <i>Advances in Experimental Medicine and Biology</i> , 1995 , 378, 371-4	3.6	5
16	Human dendritic/Langerhans cells control growth and differentiation of CD40 activated B cells. <i>Advances in Experimental Medicine and Biology</i> , 1997 , 417, 329-34	3.6	5
15	Methotrexate Restores CD73 Expression on Th1.17 in Rheumatoid Arthritis and Psoriatic Arthritis Patients and May Contribute to Its Anti-Inflammatory Effect through Ado Production. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	4
14	Antigen uptake by dendritic cells. <i>Methods in Molecular Medicine</i> , 2001 , 64, 369-76		4
13	Identification of shared tumor epitopes from endogenous retroviruses inducing high-avidity cytotoxic T cells for cancer immunotherapy.. <i>Science Advances</i> , 2022 , 8, eabj3671	14.3	4
12	Human dendritic cells enhance growth and differentiation of CD40 activated B cells. <i>Advances in Experimental Medicine and Biology</i> , 1995 , 378, 397-9	3.6	4
11	Design and methods of a national, multicenter, randomized and controlled trial to assess the efficacy of a physical activity program to improve health-related quality of life and reduce fatigue in women with metastatic breast cancer: ABLE02 trial. <i>BMC Cancer</i> , 2020 , 20, 622	4.8	3
10	Inhibitory effect of IL-10 on human Langerhans cell antigen presenting function. <i>Advances in Experimental Medicine and Biology</i> , 1995 , 378, 359-61	3.6	3
9	Abstract 2320: CD70 immune checkpoint ligand is associated with the epithelial-to-mesenchymal transition in non-small cell lung cancer 2016 ,		2
8	Abstract 2344: Discovery and characterization of new original blocking antibodies targeting the CD73 immune checkpoint for cancer immunotherapy 2016 ,		2
7	Human thymus contains IFN- β -producing CD11c $^+$ myeloid CD11c $^+$, and mature interdigitating dendritic cells. <i>Journal of Clinical Investigation</i> , 2001 , 108, 1237-1237	15.9	2
6	Cancer-Associated Tertiary Lymphoid Structures, from Basic Knowledge Toward Therapeutic Target in Clinic. <i>Resistance To Targeted Anti-cancer Therapeutics</i> , 2016 , 99-125	0.3	
5	Propagation of human dendritic cells in vitro. <i>Methods in Molecular Medicine</i> , 2001 , 64, 257-73		
4	Isolation and propagation of human dendritic cells. <i>Methods in Microbiology</i> , 2002 , 32, 591-620	2.8	
3	B cells 2001 , 255-261		
2	ELYPSE-7: A randomized, placebo-controlled, phase 2a study evaluating the impact of IL-7 on CD4 count, hematological toxicity, and tumor progression in metastatic breast cancer (MBC) patients (pts).. <i>Journal of Clinical Oncology</i> , 2014 , 32, 3033-3033	2.2	

- 1 Follicular Lymphoma B Cells Generate Functional Regulatory T Cells Via ICOS/ICOSL Pathway and Are Inhibited By Intratumoral Tregs. *Blood*, **2015**, 126, 5018-5018 2.2