

# Rene de Waal Malefyt

## List of Publications by Year in Descending Order

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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.

81  
papers

19,978  
citations

47  
h-index

84  
g-index

84  
ext. papers

21,639  
ext. citations

10.3  
avg, IF

6.1  
L-index

#	Paper	IF	Citations
81	An orthogonal IL-2 and IL-2R $\beta$ system drives persistence and activation of CAR T cells and clearance of bulky lymphoma.. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabg7565	17.5	3
80	Conditional Deletion of Identifies the Cell-Intrinsic Action of PD-1 on Functional CD8 T Cell Subsets for Antitumor Efficacy.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 752348	8.4	0
79	Biophysical and Immunological Characterization and Pharmacokinetics and Toxicology in Nonhuman Primates of the Anti-PD-1 Antibody Pembrolizumab. <i>Molecular Cancer Therapeutics</i> , <b>2020</b> , 19, 1298-1307	6.1	3
78	Establishment of engineered cell-based assays mediating LAG3 and PD1 immune suppression enables potency measurement of blocking antibodies and assessment of signal transduction. <i>Journal of Immunological Methods</i> , <b>2018</b> , 456, 7-14	2.5	21
77	LAG3 Regulatory T Cells Restrain Interleukin-23-Producing CX3CR1 Gut-Resident Macrophages during Group 3 Innate Lymphoid Cell-Driven Colitis. <i>Immunity</i> , <b>2018</b> , 49, 342-352.e5	32.3	69
76	IL-17A Produced by Innate Lymphoid Cells Is Essential for Intestinal Ischemia-Reperfusion Injury. <i>Journal of Immunology</i> , <b>2017</b> , 199, 2921-2929	5.3	10
75	IL-23 induced in keratinocytes by endogenous TLR4 ligands polarizes dendritic cells to drive IL-22 responses to skin immunization. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 2147-66	16.6	48
74	A clinical biomarker assay to quantitate thymic stromal lymphopoietin in human plasma at sub-pg/ml level. <i>Bioanalysis</i> , <b>2015</b> , 7, 573-82	2.1	2
73	IL-17A gene transfer induces bone loss and epidermal hyperplasia associated with psoriatic arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 1284-92	2.4	60
72	IL-33 promotes innate IFN- $\gamma$ production and modulates dendritic cell response in LCMV-induced hepatitis in mice. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 3052-63	6.1	28
71	Defining the Roles of IFN- $\gamma$ and IL-17A in Inflammation and Protection against Helicobacter pylori Infection. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131444	3.7	14
70	Nod/Ripk2 signaling in dendritic cells activates IL-17A-secreting innate lymphoid cells and drives colitis in T-bet-/-Rag2-/- (TRUC) mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E2559-66	11.5	48
69	Glucocorticoid-Induced TNF Receptor Family-Related Protein Ligand is Requisite for Optimal Functioning of Regulatory CD4(+) T Cells. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 35	8.4	23
68	Aberrant tissue positioning of metallophilic macrophages in the thymus of XCL1-deficient mice. <i>Anatomical Record</i> , <b>2014</b> , 297, 1472-7	2.1	1
67	Glucocorticoid-induced TNF receptor family-related protein ligand regulates the migration of monocytes to the inflamed intestine. <i>FASEB Journal</i> , <b>2014</b> , 28, 474-84	0.9	10
66	Thymic stromal lymphopoietin-elicited basophil responses promote eosinophilic esophagitis. <i>Nature Medicine</i> , <b>2013</b> , 19, 1005-13	50.5	271
65	Epicutaneous application of house dust mite induces thymic stromal lymphopoietin in nonlesional skin of patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 132, 1252-4	11.5	33

64	Glucocorticoid-induced tumor necrosis factor receptor family-related protein regulates CD4(+)T cell-mediated colitis in mice. <i>Gastroenterology</i> , <b>2012</b> , 142, 582-591.e8	13.3	21
63	Signaling lymphocyte activation molecule regulates development of colitis in mice. <i>Gastroenterology</i> , <b>2012</b> , 143, 1544-1554.e7	13.3	14
62	Biomarkers of disease and treatment in murine and cynomolgus models of chronic asthma. <i>Biomarker Insights</i> , <b>2012</b> , 7, 87-104	3.5	13
61	Biomarkers of Therapeutic Response in the IL-23 Pathway in Inflammatory Bowel Disease. <i>Clinical and Translational Gastroenterology</i> , <b>2012</b> , 3, e10	4.2	41
60	Endogenous IL-33 enhances Th2 cytokine production and T-cell responses during allergic airway inflammation. <i>International Immunology</i> , <b>2011</b> , 23, 307-15	4.9	102
59	Proinflammatory cytokine gene expression in the stomach correlates with vaccine-induced protection against <i>Helicobacter pylori</i> infection in mice: an important role for interleukin-17 during the effector phase. <i>Infection and Immunity</i> , <b>2011</b> , 79, 879-86	3.7	46
58	Differential expression of monocyte/macrophage- selective markers in human idiopathic pulmonary fibrosis. <i>Experimental Lung Research</i> , <b>2011</b> , 37, 227-38	2.3	26
57	Aire-dependent production of XCL1 mediates medullary accumulation of thymic dendritic cells and contributes to regulatory T cell development. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, 383-94	16.6	218
56	Interleukin-19: a constituent of the regulome that controls antigen presenting cells in the lungs and airway responses to microbial products. <i>PLoS ONE</i> , <b>2011</b> , 6, e27629	3.7	11
55	T helper type 1 and 17 cells determine efficacy of interferon-beta in multiple sclerosis and experimental encephalomyelitis. <i>Nature Medicine</i> , <b>2010</b> , 16, 406-12	50.5	439
54	Functional role of thymic stromal lymphopietin in chronic allergic keratoconjunctivitis <b>2010</b> , 51, 151-5		37
53	Measuring Human Cytokine Responses. <i>Methods in Microbiology</i> , <b>2010</b> , 439-496	2.8	
52	GITR engagement preferentially enhances proliferation of functionally competent CD4+CD25+FoxP3+ regulatory T cells. <i>International Immunology</i> , <b>2010</b> , 22, 259-70	4.9	74
51	Human Th17 cells comprise heterogeneous subsets including IFN-gamma-producing cells with distinct properties from the Th1 lineage. <i>Journal of Immunology</i> , <b>2010</b> , 185, 679-87	5.3	149
50	Circulating and gut-resident human Th17 cells express CD161 and promote intestinal inflammation. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 525-34	16.6	361
49	Prostaglandin E2 regulates Th17 cell differentiation and function through cyclic AMP and EP2/EP4 receptor signaling. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 535-48	16.6	357
48	IL-27 blocks RORc expression to inhibit lineage commitment of Th17 cells. <i>Journal of Immunology</i> , <b>2009</b> , 182, 5748-56	5.3	265
47	Investigating the role of the interleukin-23/-17A axis in rheumatoid arthritis. <i>Rheumatology</i> , <b>2009</b> , 48, 1581-9	3.9	41

46	Interleukin-17 kick-starts T helper 1 cell differentiation. <i>Immunity</i> , <b>2009</b> , 31, 700-2	32.3	4
45	Development and function of TH17 cells in health and disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2009</b> , 123, 1004-11	11.5	196
44	Enhanced acute responses in an experimental exposure model to biomass smoke inhalation in chronic obstructive pulmonary disease. <i>Experimental Lung Research</i> , <b>2008</b> , 34, 631-62	2.3	10
43	IL-21-induced isotype switching to IgG and IgA by human naive B cells is differentially regulated by IL-4. <i>Journal of Immunology</i> , <b>2008</b> , 181, 1767-79	5.3	202
42	Interleukin-10 promotes Mycobacterium tuberculosis disease progression in CBA/J mice. <i>Journal of Immunology</i> , <b>2008</b> , 181, 5545-50	5.3	156
41	Pulmonary arterial remodeling induced by a Th2 immune response. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 361-72	16.6	199
40	From interleukin-23 to T-helper 17 cells: human T-helper cell differentiation revisited. <i>Immunological Reviews</i> , <b>2008</b> , 226, 132-46	11.3	173
39	TSLP: an epithelial cell cytokine that regulates T cell differentiation by conditioning dendritic cell maturation. <i>Annual Review of Immunology</i> , <b>2007</b> , 25, 193-219	34.7	506
38	Development, cytokine profile and function of human interleukin 17-producing helper T cells. <i>Nature Immunology</i> , <b>2007</b> , 8, 950-7	19.1	1601
37	Cytokine-mediated regulation of human B cell differentiation into Ig-secreting cells: predominant role of IL-21 produced by CXCR5+ T follicular helper cells. <i>Journal of Immunology</i> , <b>2007</b> , 179, 8180-90	5.3	391
36	Divergent effects of IL-12 and IL-23 on the production of IL-17 by human T cells. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 661-70	6.1	201
35	IL-23 stimulates epidermal hyperplasia via TNF and IL-20R2-dependent mechanisms with implications for psoriasis pathogenesis. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 2577-87	16.6	524
34	A canine model of cutaneous late-phase reactions: prednisolone inhibition of cellular and cytokine responses. <i>Immunology</i> , <b>2006</b> , 117, 177-87	7.8	32
33	Molecular regulation of Th2 immunity by dendritic cells <b>2005</b> , 106, 75-96		17
32	The T-cell lymphokine interleukin-26 targets epithelial cells through the interleukin-20 receptor 1 and interleukin-10 receptor 2 chains. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 33343-51	5.4	106
31	WSX-1 and glycoprotein 130 constitute a signal-transducing receptor for IL-27. <i>Journal of Immunology</i> , <b>2004</b> , 172, 2225-31	5.3	546
30	IL-12 and IL-23: master regulators of innate and adaptive immunity. <i>Immunological Reviews</i> , <b>2004</b> , 202, 96-105	11.3	591
29	Human thymic stromal lymphopoietin promotes dendritic cell-mediated CD4+ T cell homeostatic expansion. <i>Nature Immunology</i> , <b>2004</b> , 5, 426-34	19.1	191

28	Expression patterns of IL-10 ligand and receptor gene families provide leads for biological characterization. <i>International Immunopharmacology</i> , <b>2004</b> , 4, 577-92	5.8	119
27	Interleukin-22 activates STAT3 and induces IL-10 by colon epithelial cells. <i>International Immunopharmacology</i> , <b>2004</b> , 4, 679-91	5.8	170
26	Interleukin-13 <b>2003</b> , 409-429		4
25	IL-27 and IFN-alpha signal via Stat1 and Stat3 and induce T-Bet and IL-12Rbeta2 in naive T cells. <i>Journal of Interferon and Cytokine Research</i> , <b>2003</b> , 23, 513-22	3.5	248
24	A receptor for the heterodimeric cytokine IL-23 is composed of IL-12Rbeta1 and a novel cytokine receptor subunit, IL-23R. <i>Journal of Immunology</i> , <b>2002</b> , 168, 5699-708	5.3	1023
23	IL-27, a heterodimeric cytokine composed of EB13 and p28 protein, induces proliferation of naive CD4+ T cells. <i>Immunity</i> , <b>2002</b> , 16, 779-90	32.3	1100
22	The role of interleukin-10 in autoimmune disease: systemic lupus erythematosus (SLE) and multiple sclerosis (MS). <i>Cytokine and Growth Factor Reviews</i> , <b>2002</b> , 13, 403-12	17.9	154
21	Interleukin-10 and the interleukin-10 receptor. <i>Annual Review of Immunology</i> , <b>2001</b> , 19, 683-765	34.7	5038
20	Up-regulation of IL-10R1 expression is required to render human neutrophils fully responsive to IL-10. <i>Journal of Immunology</i> , <b>2001</b> , 167, 2312-22	5.3	85
19	Subsets of human dendritic cell precursors express different toll-like receptors and respond to different microbial antigens. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 194, 863-9	16.6	1637
18	Flow cytometric analysis of immunoprecipitates: high-throughput analysis of protein phosphorylation and protein-protein interactions. <i>Cytometry</i> , <b>2000</b> , 39, 250-9		28
17	IL-18 receptors, their role in ligand binding and function: anti-IL-1RAcPL antibody, a potent antagonist of IL-18. <i>Journal of Immunology</i> , <b>2000</b> , 165, 4950-6	5.3	57
16	Interleukin-17 and interferon-gamma synergize in the enhancement of proinflammatory cytokine production by human keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>1998</b> , 111, 645-9	4.3	444
15	Interleukin-10 <b>1998</b> , 151-167		18
14	Interleukin-10 down-regulates MHC class II alphabeta peptide complexes at the plasma membrane of monocytes by affecting arrival and recycling. <i>Immunity</i> , <b>1997</b> , 7, 861-71	32.3	254
13	Growth transformation of antigen-specific T cell lines from rhesus monkeys by herpesvirus saimiri. <i>Virology</i> , <b>1997</b> , 229, 175-82	3.6	24
12	Differential regulation of IL-13 and IL-4 production by human CD8+ and CD4+ Th0, Th1 and Th2 T cell clones and EBV-transformed B cells. <i>International Immunology</i> , <b>1995</b> , 7, 1405-16	4.9	143
11	Activation of a myelin basic protein-specific human T cell clone by antigen-presenting cells from rhesus monkeys. <i>International Immunology</i> , <b>1995</b> , 7, 1489-95	4.9	37

10	Regulation of Human Monocyte Functions by Interleukin-10. <i>Molecular Biology Intelligence Unit</i> , <b>1995</b> , 37-52		7
9	Multiple sclerosis. Immunomodulatory effects of human astrocytes on T cells. <i>Brain</i> , <b>1994</b> , 117 (Pt 6), 1323-32	11.2	78
8	IL-12 transiently induces IFN-gamma transcription and protein synthesis in human CD4+ allergen-specific Th2 T cell clones. <i>International Immunology</i> , <b>1994</b> , 6, 1091-6	4.9	65
7	Role of IL-10 in Transplantation Tolerance <b>1994</b> , 279-290		
6	IL-13 induces proliferation and differentiation of human B cells activated by the CD40 ligand. <i>International Immunology</i> , <b>1993</b> , 5, 657-63	4.9	213
5	CD2/LFA-3 or LFA-1/ICAM-1 but not CD28/B7 interactions can augment cytotoxicity by virus-specific CD8+ cytotoxic T lymphocytes. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 418-24	6.1	54
4	Interleukin 10 inhibits allogeneic proliferative and cytotoxic T cell responses generated in primary mixed lymphocyte cultures. <i>International Immunology</i> , <b>1992</b> , 4, 1389-97	4.9	125
3	Biological properties of interleukin 10. <i>Journal of Clinical Immunology</i> , <b>1992</b> , 12, 239-47	5.7	291
2	Cloning of a novel cell type from human fetal liver expressing cytoplasmic CD3 delta and epsilon but not membrane CD3. <i>International Immunology</i> , <b>1991</b> , 3, 353-7	4.9	2
1	The CD45 protein tyrosine phosphatase is required for the completion of the activation program leading to lymphokine production in the Jurkat human T cell line. <i>International Immunology</i> , <b>1991</b> , 3, 1357-66	4.9	48