

# Ester B M Remmerswaal

## List of Publications by Year in descending order

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84  
papers

6,158  
citations

94269

37  
h-index

74018

75  
g-index

86  
all docs

86  
docs citations

86  
times ranked

10885  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	1.6	766
2	Guidelines for the use of flow cytometry and cell sorting in immunological studies <sup>*</sup> . <i>European Journal of Immunology</i> , 2017, 47, 1584-1797.	1.6	505
3	Primary immune responses to human CMV: a critical role for IFN- $\gamma$ -producing CD4 <sup>+</sup> T cells in protection against CMV disease. <i>Blood</i> , 2003, 101, 2686-2692.	0.6	391
4	Emergence of a CD4 <sup>+</sup> CD28 <sup>hi</sup> Granzyme B <sup>+</sup> , Cytomegalovirus-Specific T Cell Subset after Recovery of Primary Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2004, 173, 1834-1841.	0.4	314
5	Tissue-resident memory T cells populate the human brain. <i>Nature Communications</i> , 2018, 9, 4593.	5.8	242
6	Differentiation of cytomegalovirus-specific CD8 <sup>+</sup> T cells in healthy and immunosuppressed virus carriers. <i>Blood</i> , 2001, 98, 754-761.	0.6	186
7	The human V $\alpha$ 2 <sup>+</sup> T-cell compartment comprises distinct innate-like V $\alpha$ 3 <sup>+</sup> and adaptive V $\alpha$ 3 <sup>-</sup> subsets. <i>Nature Communications</i> , 2018, 9, 1760.	5.8	167
8	Molecular profiling of cytomegalovirus-induced human CD8 <sup>+</sup> T cell differentiation. <i>Journal of Clinical Investigation</i> , 2010, 120, 4077-4090.	3.9	165
9	IL-7 receptor $\alpha$ chain expression distinguishes functional subsets of virus-specific human CD8 <sup>+</sup> T cells. <i>Blood</i> , 2005, 106, 2091-2098.	0.6	161
10	CD8 <sup>+</sup> T cells with an intraepithelial phenotype upregulate cytotoxic function upon influenza infection in human lung. <i>Journal of Clinical Investigation</i> , 2011, 121, 2254-2263.	3.9	161
11	Proliferation Requirements of Cytomegalovirus-Specific, Effector-Type Human CD8 <sup>+</sup> T Cells. <i>Journal of Immunology</i> , 2002, 169, 5838-5843.	0.4	138
12	Tissue-resident memory T cells invade the brain parenchyma in multiple sclerosis white matter lesions. <i>Brain</i> , 2020, 143, 1714-1730.	3.7	131
13	The RECOVAC Immune-response Study: The Immunogenicity, Tolerability, and Safety of COVID-19 Vaccination in Patients With Chronic Kidney Disease, on Dialysis, or Living With a Kidney Transplant. <i>Transplantation</i> , 2022, 106, 821-834.	0.5	127
14	Trigger-happy resident memory CD4 <sup>+</sup> T cells inhabit the human lungs. <i>Mucosal Immunology</i> , 2018, 11, 654-667.	2.7	124
15	The Size and Phenotype of Virus-Specific T Cell Populations Is Determined by Repetitive Antigenic Stimulation and Environmental Cytokines. <i>Journal of Immunology</i> , 2004, 172, 6107-6114.	0.4	112
16	IL-21 and CD40L signals from autologous T cells can induce antigen-independent proliferation of CLL cells. <i>Blood</i> , 2013, 122, 3010-3019.	0.6	107
17	Specific expression of GPR56 by human cytotoxic lymphocytes. <i>Journal of Leukocyte Biology</i> , 2011, 90, 735-740.	1.5	104
18	Enhanced formation and survival of CD4 <sup>+</sup> CD25 <sup>hi</sup> Foxp3 <sup>+</sup> T-cells in chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 2009, 50, 788-801.	0.6	100

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19	Deep Sequencing of Antiviral T-Cell Responses to HCMV and EBV in Humans Reveals a Stable Repertoire That Is Maintained for Many Years. <i>PLoS Pathogens</i> , 2012, 8, e1002889.	2.1	95
20	Blimp-1 homolog Hobit identifies effector-type lymphocytes in humans. <i>European Journal of Immunology</i> , 2015, 45, 2945-2958.	1.6	94
21	Strong selection of virus-specific cytotoxic CD4+ T-cell clones during primary human cytomegalovirus infection. <i>Blood</i> , 2006, 108, 3121-3127.	0.6	93
22	The Adhesion G Protein-Coupled Receptor GPR56/ADGRG1 Is an Inhibitory Receptor on Human NK Cells. <i>Cell Reports</i> , 2016, 15, 1757-1770.	2.9	84
23	Cytomegalovirus-Induced Effector T Cells Cause Endothelial Cell Damage. <i>Vaccine Journal</i> , 2012, 19, 772-779.	3.2	82
24	Characteristics of differentiated CD8+ and CD4+ T cells present in the human brain. <i>Acta Neuropathologica</i> , 2013, 126, 525-535.	3.9	80
25	A Single 17D Yellow Fever Vaccination Provides Lifelong Immunity; Characterization of Yellow-Fever-Specific Neutralizing Antibody and T-Cell Responses after Vaccination. <i>PLoS ONE</i> , 2016, 11, e0149871.	1.1	80
26	Distinct immune composition in lymph node and peripheral blood of CLL patients is reshaped during venetoclax treatment. <i>Blood Advances</i> , 2019, 3, 2642-2652.	2.5	79
27	Human virus-specific effector-type T cells accumulate in blood but not in lymph nodes. <i>Blood</i> , 2012, 119, 1702-1712.	0.6	67
28	CD40 stimulation of B-cell chronic lymphocytic leukaemia cells enhances the anti-apoptotic profile, but also Bid expression and cells remain susceptible to autologous cytotoxic T-lymphocyte attack. <i>British Journal of Haematology</i> , 2004, 127, 404-415.	1.2	65
29	B and T Lymphocyte Attenuator Is Highly Expressed on CMV-Specific T Cells during Infection and Regulates Their Function. <i>Journal of Immunology</i> , 2010, 185, 3140-3148.	0.4	64
30	Blimp-1 induces and Hobit maintains the cytotoxic mediator granzyme B in CD8 T cells. <i>European Journal of Immunology</i> , 2018, 48, 1644-1662.	1.6	61
31	The Transcription Factor Hobit Identifies Human Cytotoxic CD4+ T Cells. <i>Frontiers in Immunology</i> , 2017, 8, 325.	2.2	58
32	CMV-specific CD8+ T-cell function is not impaired in chronic lymphocytic leukemia. <i>Blood</i> , 2014, 123, 717-724.	0.6	53
33	Infection History Determines the Differentiation State of Human CD8+ T Cells. <i>Journal of Virology</i> , 2015, 89, 5110-5123.	1.5	51
34	CROSS-REACTIVITY OF CYTOMEGALOVIRUS-SPECIFIC CD8+ T CELLS TO ALLO-MAJOR HISTOCOMPATIBILITY COMPLEX CLASS I MOLECULES. <i>Transplantation</i> , 2004, 77, 1879-1885.	0.5	48
35	Differential Usage of Cellular Niches by Cytomegalovirus versus EBV- and Influenza Virus-Specific CD8+ T Cells. <i>Journal of Immunology</i> , 2006, 177, 4998-5005.	0.4	46
36	The Contribution of Cytomegalovirus Infection to Immune Senescence Is Set by the Infectious Dose. <i>Frontiers in Immunology</i> , 2018, 8, 1953.	2.2	46

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37	Label-free Analysis of CD8+ T Cell Subset Proteomes Supports a Progressive Differentiation Model of Human-Virus-Specific T Cells. <i>Cell Reports</i> , 2017, 19, 1068-1079.	2.9	40
38	Improving CLL V $\beta$ 2-T $\beta$ cell fitness for cellular therapy by ex vivo activation and ibrutinib. <i>Blood</i> , 2018, 132, 2260-2272.	0.6	39
39	Restoration of T cell function in chronic hepatitis B patients upon treatment with interferon based combination therapy. <i>Journal of Hepatology</i> , 2016, 64, 539-546.	1.8	37
40	17D yellow fever vaccine elicits comparable long-term immune responses in healthy individuals and immune-compromised patients. <i>Journal of Infection</i> , 2016, 72, 713-722.	1.7	35
41	The RECOVAC IR study: the immune response and safety of the mRNA-1273 COVID-19 vaccine in patients with chronic kidney disease, on dialysis or living with a kidney transplant. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 1761-1764.	0.4	33
42	Functional re-expression of CCR7 on CMV-specific CD8+ T cells upon antigenic stimulation. <i>International Immunology</i> , 2005, 17, 713-719.	1.8	30
43	Human B cells promote T-cell plasticity to optimize antibody response by inducing coexpression of TH1/TFH signatures. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1053-1060.	1.5	29
44	Granzyme M targets host cell hnRNP K that is essential for human cytomegalovirus replication. <i>Cell Death and Differentiation</i> , 2013, 20, 419-429.	5.0	28
45	Phenotypic and Functional Characterization of Circulating Polyomavirus BK VP1-Specific CD8 <sup>+</sup> T Cells in Healthy Adults. <i>Journal of Virology</i> , 2013, 87, 10263-10272.	1.5	26
46	Clonal Evolution of CD8 <sup>+</sup> T Cell Responses against Latent Viruses: Relationship among Phenotype, Localization, and Function. <i>Journal of Virology</i> , 2015, 89, 568-580.	1.5	26
47	Expression of IL-7R $\alpha$ and KLRG1 defines functionally distinct CD8 <sup>+</sup> T cell populations in humans. <i>European Journal of Immunology</i> , 2019, 49, 694-708.	1.6	24
48	Antibody and T-Cell Responses 6 Months After Coronavirus Disease 2019 Messenger RNA-1273 Vaccination in Patients With Chronic Kidney Disease, on Dialysis, or Living With a Kidney Transplant. <i>Clinical Infectious Diseases</i> , 2023, 76, e188-e199.	2.9	24
49	Long-term detection of microchimaerism in peripheral blood after pretransplantation blood transfusion. <i>British Journal of Haematology</i> , 1998, 102, 1004-1009.	1.2	22
50	Blood and beyond: Properties of circulating and tissue-resident human virus-specific $\beta$ 2 CD8 <sup>+</sup> T cells. <i>European Journal of Immunology</i> , 2014, 44, 934-944.	1.6	22
51	Post-mortem multiple sclerosis lesion pathology is influenced by single nucleotide polymorphisms. <i>Brain Pathology</i> , 2020, 30, 106-119.	2.1	22
52	A New Subset of Human Naive CD8+ T Cells Defined by Low Expression of IL-7R $\alpha$ . <i>Journal of Immunology</i> , 2007, 179, 221-228.	0.4	21
53	CXCR5+CD4+ follicular helper T cells accumulate in resting human lymph nodes and have superior B cell helper activity. <i>International Immunology</i> , 2014, 26, 183-192.	1.8	21
54	Redirection of CMV-specific CTL towards B-CLL via CD20-targeted HLA/CMV complexes. <i>Leukemia</i> , 2006, 20, 1096-1102.	3.3	20

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55	Monitoring the T-Cell Receptor Repertoire at Single-Clone Resolution. <i>PLoS ONE</i> , 2006, 1, e55.	1.1	19
56	Rapid T cell repopulation after rabbit anti-thymocyte globulin (rATG) treatment is driven mainly by cytomegalovirus. <i>Clinical and Experimental Immunology</i> , 2012, 169, 292-301.	1.1	18
57	Divergent chemokine receptor expression and the consequence for human IgG4 B cell responses. <i>European Journal of Immunology</i> , 2020, 50, 1113-1125.	1.6	18
58	Clinically Relevant Reactivation of Polyomavirus BK (BKPyV) in HLA-A02-Positive Renal Transplant Recipients Is Associated with Impaired Effector-Memory Differentiation of BKPyV-Specific CD8+ T Cells. <i>PLoS Pathogens</i> , 2016, 12, e1005903.	2.1	17
59	EBV-Specific CD8+ T-Cells Are Not Functionally Impaired in Chronic Lymphocytic Leukemia. <i>Blood</i> , 2015, 126, 1723-1723.	0.6	16
60	&lt;p&gt;Butyrate production in patients with end-stage renal disease&lt;/p&gt;. <i>International Journal of Nephrology and Renovascular Disease</i> , 2019, Volume 12, 87-101.	0.8	14
61	CD8 and CD4 T Cell Populations in Human Kidneys. <i>Cells</i> , 2021, 10, 288.	1.8	14
62	Transcriptional profiling of human V $\alpha$ 1 T cells reveals a pathogen-driven adaptive differentiation program. <i>Cell Reports</i> , 2022, 39, 110858.	2.9	13
63	Autologous cytomegalovirus-specific T cells as effector cells in immunotherapy of B cell chronic lymphocytic leukaemia. <i>British Journal of Haematology</i> , 2004, 126, 512-516.	1.2	12
64	Chronic lymphocytic leukemia specific T-cell subset alterations are clone-size dependent and not present in monoclonal B lymphocytosis. <i>Leukemia and Lymphoma</i> , 2012, 53, 2321-2325.	0.6	12
65	Tissue-resident mucosal-associated invariant T (MAIT) cells in the human kidney represent a functionally distinct subset. <i>European Journal of Immunology</i> , 2020, 50, 1783-1797.	1.6	12
66	Differentiation of human alloreactive CD8+ T cells in vitro. <i>Immunology</i> , 2002, 105, 278-285.	2.0	11
67	Human CXCR5 <sup>+</sup> PD-1 <sup>+</sup> CD8 T cells in healthy individuals and patients with hematologic malignancies. <i>European Journal of Immunology</i> , 2021, 51, 703-713.	1.6	11
68	Assessing Anti-HCMV Cell Mediated Immune Responses in Transplant Recipients and Healthy Controls Using a Novel Functional Assay. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 275.	1.8	9
69	The effect of high-salt diet on lymphocyte subpopulations in healthy males—A pilot study. <i>Journal of Clinical Hypertension</i> , 2020, 22, 2152-2155.	1.0	8
70	Circulating mucosal-associated invariant T cells in subjects with recurrent urinary tract infections are functionally impaired. <i>Immunity, Inflammation and Disease</i> , 2020, 8, 80-92.	1.3	6
71	Human Lymph Node Stromal Cells Have the Machinery to Regulate Peripheral Tolerance during Health and Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5713.	1.8	5
72	Modulation of the T cell receptor beta chain repertoire after heart transplantation. <i>Transplant Immunology</i> , 2000, 8, 83-94.	0.6	4

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73	CMV-specific CD8pos T lymphocyte differentiation in latent CMV infection. Transplantation Proceedings, 2001, 33, 1802-1803.	0.3	4
74	Clinical consequences of primary CMV infection after renal transplantation: a caseâ€“control study. Transplant International, 2020, 33, 1116-1127.	0.8	4
75	Functional Differences Between EBVâ€“and CMVâ€“specific CD8<sup>+</sup> T cells Demonstrate Heterogeneity of T cell Dysfunction in CLL. HemaSphere, 2020, 4, e337.	1.2	3
76	Redirection of CMV Specific CTL towards B-CLL Via CD20 Targeted HLA/CMV Complexes.. Blood, 2005, 106, 449-449.	0.6	3
77	Chronic Lymphocytic Leukemia (CLL) Cells Are Susceptible to $\text{I}^{\text{H}}\text{T}$ -T Cell Mediated Killing, Provided CLL-Derived $\text{I}^{\text{H}}\text{T}$ Cell Dysfunction Can be Reversed. Blood, 2015, 126, 2914-2914.	0.6	3
78	Differentiation of CMV-specific CD8POS T lymphocytes in primary CMV infection after renal transplantation. Transplantation Proceedings, 2001, 33, 3630.	0.3	2
79	CMV-Specific CD8+ T Cells in Lymph Nodes of Renal Transplant Recipients: A Rare but Special Breed. Transplantation, 2012, 94, 450.	0.5	2
80	Enhanced Formation and Survival of Regulatory T Cells in CLL.. Blood, 2008, 112, 1065-1065.	0.6	1
81	hCMV-Specific CD8+ T Cells in Lymph Nodes from Renal Transplant Recipients Contain â€“Trueâ€“™ Memory Cells. Transplantation, 2012, 94, 449.	0.5	0
82	645. Mucosal-Associated Invariant T cells in Renal Tissue From Patients With Recurrent Urinary Tract Infections. Open Forum Infectious Diseases, 2018, 5, S234-S234.	0.4	0
83	CMV-Specific CD8+ T-CELL Function Is NOT Impaired In CLL. Blood, 2013, 122, 2862-2862.	0.6	0
84	Variable leukocyte composition of red blood cell concentrates prepared in top-bottom systems: possible implications for pre-transplant blood transfusion. Vox Sanguinis, 2000, 79, 83-6.	0.7	0