Hans Yssel

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121 papers	8,644 citations	47 h-index	91 g-index
133 ext. papers	9,988 ext. citations	6.2 avg, IF	5.49 L-index

#	Paper	IF	Citations
121	Biology of Zika Virus Infection in Human Skin Cells. *Journal of Virology*, **2015**, 89, 8880-96	6.6	794
120	DNAM-1, a novel adhesion molecule involved in the cytolytic function of T lymphocytes. *Immunity*, **1996**, 4, 573-81	32.3	451
119	Chronically inflamed human tissues are infiltrated by highly differentiated Th17 lymphocytes. *Journal of Immunology*, **2008**, 180, 7423-30	5.3	419
118	IgA dominates the early neutralizing antibody response to SARS-CoV-2. *Science Translational Medicine*, **2021**, 13,	17.5	405
117	Mesenchymal stem cells inhibit human Th17 cell differentiation and function and induce a T regulatory cell phenotype. *Journal of Immunology*, **2010**, 185, 302-12	5.3	402
116	A novel receptor involved in T-cell activation. *Nature*, **1995**, 376, 260-3	50.4	398
115	Serum-free medium for generation and propagation of functional human cytotoxic and helper T cell clones. *Journal of Immunological Methods*, **1984**, 72, 219-27	2.5	334
114	Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. *Immunological Reviews*, **1992**, 127, 5-24	11.3	325
113	Systemic Human ILC Precursors Provide a Substrate for Tissue ILC Differentiation. *Cell*, **2017**, 168, 1086-1100.e10	36.2	293
112	Cutting edge: IL-21 is a switch factor for the production of IgG1 and IgG3 by human B cells. *Journal of Immunology*, **2004**, 172, 5154-7	5.3	240
111	IL-12 drives functional plasticity of human group 2 innate lymphoid cells. *Journal of Experimental Medicine*, **2016**, 213, 569-83	16.6	194
110	Clinical course of coronavirus disease 2019 (COVID-19) in a series of 17 patients with systemic lupus erythematosus under long-term treatment with hydroxychloroquine. *Annals of the Rheumatic Diseases*, **2020**, 79, 837-839	2.4	161
109	Antigen-specific cytotoxic T cell and antigen-specific proliferating T cell clones can be induced to cytolytic activity by monoclonal antibodies against T3. *European Journal of Immunology*, **1985**, 15, 88-91	6.1	150
108	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. *International Immunology*, **1995**, 7, 1405-16	4.9	143
107	Oncostatin M secreted by skin infiltrating T lymphocytes is a potent keratinocyte activator involved in skin inflammation. *Journal of Immunology*, **2007**, 178, 4615-22	5.3	133
106	Induction of a peptide with activity against a broad spectrum of pathogens in the Aedes aegypti salivary gland, following Infection with Dengue Virus. *PLoS Pathogens*, **2011**, 7, e1001252	7.6	124
105	Telomerase levels control the lifespan of human T lymphocytes. *Blood*, **2003**, 102, 849-57	2.2	120

104	Dengue-virus-infected dendritic cells trigger vascular leakage through metalloproteinase overproduction. *EMBO Reports*, **2006**, 7, 1176-81	6.5	111
103	Characterization of T cell subpopulations involved in the pathogenesis of asthma and allergic diseases. *International Archives of Allergy and Immunology*, **2000**, 121, 10-8	3.7	97
102	Ectopic hTERT expression extends the life span of human CD4+ helper and regulatory T-cell clones and confers resistance to oxidative stress-induced apoptosis. *Blood*, **2003**, 101, 4512-9	2.2	94
101	Clonal analysis of differential lymphokine production in peptide and superantigen induced T cell anergy. *International Immunology*, **1991**, 3, 819-26	4.9	93
100	Cytokines and cell surface molecules independently induce CXCR4 expression on CD4+ CCR7+ human memory T cells. *Journal of Immunology*, **2000**, 165, 716-24	5.3	92
99	Regulation of IgE synthesis by cytokines. *Current Opinion in Immunology*, **1991**, 3, 851-8	7.8	92
98	Interleukin-13 is produced by activated human CD45RA+ and CD45RO+ T cells: modulation by interleukin-4 and interleukin-12. *European Journal of Immunology*, **1996**, 26, 571-7	6.1	89
97	T-cell responses to allergens: epitope-specificity and clinical relevance. *Trends in Immunology*, **1996**, 17, 526-532		87
96	A Fluorospot assay to detect single T lymphocytes simultaneously producing multiple cytokines. *Journal of Immunological Methods*, **2003**, 283, 91-8	2.5	81
95	Dengue-virus-infected dendritic cells trigger vascular leakage through metalloproteinase overproduction. *EMBO Reports*, **2006**, 7, 1290-1290	6.5	78
94	Characterization and enumeration of cells secreting tumor markers in the peripheral blood of breast cancer patients. *Journal of Immunological Methods*, **2005**, 299, 177-88	2.5	78
93	Activated and resting regulatory T cell exhaustion concurs with high levels of interleukin-22 expression in systemic sclerosis lesions. *Annals of the Rheumatic Diseases*, **2012**, 71, 1227-34	2.4	75
92	IL-22 participates in an innate anti-HIV-1 host-resistance network through acute-phase protein induction. *Journal of Immunology*, **2007**, 178, 407-15	5.3	75
91	Dengue virus replication in infected human keratinocytes leads to activation of antiviral innate immune responses. *Infection, Genetics and Evolution*, **2011**, 11, 1664-73	4.5	72
90	A CD4-Independent Interaction of Human Immunodeficiency Virus-1 gp120 With CXCR4 Induces Their Cointernalization, Cell Signaling, and T-Cell Chemotaxis. *Blood*, **1999**, 93, 2454-2462	2.2	70
89	Bone marrow Th17 TNF-cells induce osteoclast differentiation, and link bone destruction to IBD. *Gut*, **2015**, 64, 1072-81	19.2	66
88	Zika virus: epidemiology, clinical features and host-virus interactions. *Microbes and Infection*, **2016**, 18, 441-9	9.3	65
87	IL-12 transiently induces IFN-gamma transcription and protein synthesis in human CD4+ allergen-specific Th2 T cell clones. *International Immunology*, **1994**, 6, 1091-6	4.9	65

86	Activated, but not resting human Th2 cells, in contrast to Th1 and T regulatory cells, produce soluble ST2 and express low levels of ST2L at the cell surface. *European Journal of Immunology*, **2002**, 32, 2979-87	6.1	63
85	Inflammasome signaling pathways exert antiviral effect against Chikungunya virus in human dermal fibroblasts. *Infection, Genetics and Evolution*, **2015**, 32, 401-8	4.5	60
84	IL-4 and IL-13, but not IL-10, are chemotactic factors for human osteoblasts. *Cytokine*, **1995**, 7, 78-82	4	60
83	Imipramine Inhibits Chikungunya Virus Replication in Human Skin Fibroblasts through Interference with Intracellular Cholesterol Trafficking. *Scientific Reports*, **2017**, 7, 3145	4.9	59
82	CCL20 and β-defensin-2 induce arrest of human Th17 cells on inflamed endothelium in vitro under flow conditions. *Journal of Immunology*, **2011**, 186, 1411-20	5.3	59
81	T-cell responses to allergens: epitope-specificity and clinical relevance. *Trends in Immunology*, **1996**, 17, 526-32		54
80	IgA dominates the early neutralizing antibody response to SARS-CoV-2		54
79	Alternative antigen receptor (TCR) signaling in T cells derived from ZAP-70-deficient patients expressing high levels of Syk. *Journal of Biological Chemistry*, **2000**, 275, 15832-8	5.4	51
78	Induction of non-responsiveness in human allergen-specific type 2 T helper cells. *Current Opinion in Immunology*, **1994**, 6, 847-52	7.8	49
77	African and Asian Zika virus strains differentially induce early antiviral responses in primary human astrocytes. *Infection, Genetics and Evolution*, **2017**, 49, 134-137	4.5	48
76	Pulmonary CCL18 recruits human regulatory T cells. *Journal of Immunology*, **2012**, 189, 128-37	5.3	47
75	IFN-gamma-mediated inhibition of human IgE synthesis by IL-21 is associated with a polymorphism in the IL-21R gene. *Journal of Immunology*, **2006**, 177, 5006-13	5.3	47
74	Aedes aegypti saliva contains a prominent 34-kDa protein that strongly enhances dengue virus replication in human keratinocytes. *Journal of Investigative Dermatology*, **2014**, 134, 281-284	4.3	44
73	Effects of prostaglandin E2 on Th0-type human T cell clones: modulation of functions of nuclear proteins involved in cytokine production. *International Immunology*, **1994**, 6, 523-32	4.9	42
72	Knocking down Cav1 calcium channels implicated in Th2 cell activation prevents experimental asthma. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 1310-7	10.2	41
71	Withdrawal of low-dose prednisone in SLE patients with a clinically quiescent disease for more than 1 year: a randomised clinical trial. *Annals of the Rheumatic Diseases*, **2020**, 79, 339-346	2.4	41
70	Contribution of HLA class I and class II alleles to the regulation of antibody production to hepatitis B surface antigen in humans. *International Immunology*, **1996**, 8, 525-31	4.9	38
69	Membranes of activated CD4+ T cells expressing T cell receptor (TcR) alpha beta or TcR gamma delta induce IgE synthesis by human B cells in the presence of interleukin-4. *European Journal of Immunology*, **1992**, 22, 1133-41	6.1	38

68	Synergistic convergence of microbiota-specific systemic IgG and secretory IgA. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 1575-1585.e4	11.5	38
67	Aedes aegypti saliva enhances dengue virus infection of human keratinocytes by suppressing innate immune responses. *Journal of Investigative Dermatology*, **2012**, 132, 2103-5	4.3	35
66	IL-22, in contrast to IL-10, does not induce Ig production, due to absence of a functional IL-22 receptor on activated human B cells. *International Immunology*, **2002**, 14, 1351-6	4.9	35
65	Analysis of T lymphocytes cloned from the synovial fluid and blood of a patient with Lyme arthritis. *International Immunology*, **1990**, 2, 1081-9	4.9	35
64	Interplay between the TCR/CD3 complex and CD4 or CD8 in the activation of cytotoxic T lymphocytes. *Immunological Reviews*, **1989**, 109, 119-41	11.3	34
63	Nicotinamide phosphoribosyltransferase/visfatin expression by inflammatory monocytes mediates arthritis pathogenesis. *Annals of the Rheumatic Diseases*, **2013**, 72, 1717-24	2.4	33
62	Longitudinal Analysis of Natural Killer Cells in Dengue Virus-Infected Patients in Comparison to Chikungunya and Chikungunya/Dengue Virus-Infected Patients. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004499	4.8	33
61	Diesel exposure favors Th2 cell recruitment by mononuclear cells and alveolar macrophages from allergic patients by differentially regulating macrophage-derived chemokine and IFN-gamma-induced protein-10 production. *Journal of Immunology*, **2002**, 168, 5912-9	5.3	32
60	Factors affecting the cytokine production of human T cells stimulated by different modes of activation. *Journal of Allergy and Clinical Immunology*, **1996**, 98, S161-73	11.5	31
59	Ultrasensitive serum interferon-α quantification during SLE remission identifies patients at risk for relapse. *Annals of the Rheumatic Diseases*, **2019**, 78, 1669-1676	2.4	30
58	Peptide modulation of allergen-specific immune responses. *Current Opinion in Immunology*, **1995**, 7, 757-68	7.8	30
57	Human IgA binds a diverse array of commensal bacteria. *Journal of Experimental Medicine*, **2020**, 217,	16.6	30
56	Zika virus infection modulates the metabolomic profile of microglial cells. *PLoS ONE*, **2018**, 13, e0206093	3.7	30
55	Phenotypic characterization of human CD4+ regulatory T cells obtained from cutaneous dinitrochlorobenzene-induced delayed type hypersensitivity reactions. *Journal of Investigative Dermatology*, **2001**, 117, 318-25	4.3	28
54	A CD4-Independent Interaction of Human Immunodeficiency Virus-1 gp120 With CXCR4 Induces Their Cointernalization, Cell Signaling, and T-Cell Chemotaxis. *Blood*, **1999**, 93, 2454-2462	2.2	28
53	Zika virus differentially infects human neural progenitor cells according to their state of differentiation and dysregulates neurogenesis through the Notch pathway. *Emerging Microbes and Infections*, **2019**, 8, 1003-1016	18.9	27
52	Zika virus infection: an update. *Microbes and Infection*, **2019**, 21, 353-360	9.3	26
51	Enhanced frequency of CD18- and CD49b-expressing T cells in peripheral blood of asthmatic patients correlates with disease severity. *International Archives of Allergy and Immunology*, **2006**, 140, 139-49	3.7	26

50	Detection of peripheral HIV-1-specific memory B cells in patients untreated or receiving highly active antiretroviral therapy. *Aids*, **2003**, 17, 2323-30	3.5	26
49	Interleukin 13 suppresses cytokine production and stimulates the production of 15-HETE in PBMC. A comparison between IL-4 and IL-13. *Cytokine*, **1995**, 7, 319-24	4	26
48	Ultraviolet light converts propranolol, a nonselective Eblocker and potential lupus-inducing drug, into a proinflammatory AhR ligand. *European Journal of Immunology*, **2015**, 45, 3174-87	6.1	24
47	Reactivity of cloned, expressed human Fc gamma RIII isoforms with monoclonal antibodies which distinguish cell-type-specific and allelic forms of Fc gamma RIII. *International Immunology*, **1990**, 2, 303-10	4.9	24
46	Regulation of human IgE synthesis. *Clinical and Experimental Allergy*, **1991**, 21 Suppl 1, 162-6	4.1	23
45	High-Fat Diet-Induced IL-17A Exacerbates Psoriasiform Dermatitis in a Mouse Model of Steatohepatitis. *American Journal of Pathology*, **2016**, 186, 2292-301	5.8	21
44	Antagonizing the differentiation and functions of human T helper type 2 cells. *Current Opinion in Immunology*, **1995**, 7, 771-8	7.8	21
43	Interleukin-7 specifically induces the B7/BB1 antigen on human cord blood and peripheral blood T cells and T cell clones. *International Immunology*, **1993**, 5, 753-9	4.9	21
42	T cell clones which share T cell receptor epitopes differ in phenotype, function and specificity. *European Journal of Immunology*, **1986**, 16, 1187-93	6.1	21
41	Soluble HIV-1 gp120 enhances HIV-1 replication in non-dividing CD4+ T cells, mediated via cell signaling and Tat cofactor overexpression. *Aids*, **2005**, 19, 897-905	3.5	20
40	Antagonistic peptides specifically inhibit proliferation, cytokine production, CD40L expression, and help for IgE synthesis by Der p 1-specific human T-cell clones. *Journal of Allergy and Clinical Immunology*, **1998**, 101, 521-30	11.5	19
39	Control of Acute Arboviral Infection by Natural Killer Cells. *Viruses*, **2019**, 11,	6.2	18
38	Regulatory T cells and allergic asthma. *Microbes and Infection*, **2001**, 3, 899-904	9.3	18
37	IL-10 secretion of allergen-specific skin-derived T cells correlates positively with that of the Th2 cytokines IL-4 and IL-5. *Experimental Dermatology*, **1994**, 3, 304-13	4	18
36	Reciprocal hybrid joints demonstrate successive V-J rearrangements on the same chromosome in the human TCR gamma locus. *International Immunology*, **1991**, 3, 973-82	4.9	18
35	Interleukin-17A-induced production of acute serum amyloid A by keratinocytes contributes to psoriasis pathogenesis. *PLoS ONE*, **2017**, 12, e0181486	3.7	18
34	Distinct cytokine profiles associated with COVID-19 severity and mortality. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 2098-2107	11.5	18
33	Generation and maintenance of cloned human T cell lines. *Current Protocols in Immunology*, **2002**, Chapter 7, Unit 7.19	4	17

32	Aedes Aegypti saliva enhances chikungunya virus replication in human skin fibroblasts via inhibition of the type I interferon signaling pathway. *Infection, Genetics and Evolution*, **2017**, 55, 68-70	4.5	16
31	Multiparameter grouping delineates heterogeneous populations of human IL-17 and/or IL-22 T-cell producers that share antigen specificities with other T-cell subsets. *European Journal of Immunology*, **2011**, 41, 2596-605	6.1	16
30	Cytokine-induced CEACAM1 expression on keratinocytes is characteristic for psoriatic skin and contributes to a prolonged lifespan of neutrophils. *Journal of Investigative Dermatology*, **2009**, 129, 671-81	4.3	15
29	Brequinar sodium, mycophenolic acid, and cyclosporin A inhibit different stages of IL-4- or IL-13-induced human IgG4 and IgE production in vitro. *Annals of the New York Academy of Sciences*, **1993**, 696, 108-22	6.5	15
28	SAMHD1 Enhances Chikungunya and Zika Virus Replication in Human Skin Fibroblasts. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	14
27	Ex vivo isolation protocols differentially affect the phenotype of human CD4+ T cells. *Journal of Immunological Methods*, **2002**, 271, 99-106	2.5	14
26	TCR-mediated activation of allergen-specific CD45RO(+) memory T lymphocytes results in down-regulation of cell-surface CXCR4 expression and a strongly reduced capacity to migrate in response to stromal cell-derived factor-1. *International Immunology*, **1999**, 11, 1451-62	4.9	14
25	Use of anti-CD3/CD28 mAb coupled magnetic beads permitting subsequent phenotypic analysis of activated human T cells by indirect immunofluorescence. *Journal of Immunological Methods*, **2003**, 283, 59-66	2.5	12
24	Aedesin: structure and antimicrobial activity against multidrug resistant bacterial strains. *PLoS ONE*, **2014**, 9, e105441	3.7	11
23	A single sub-erythematous exposure of solar-simulated radiation on the elicitation phase of contact hypersensitivity induces IL-10-producing T-regulatory cells in human skin. *Experimental Dermatology*, **2006**, 15, 615-24	4	11
22	Differentiation of human single-positive fetal thymocytes in vitro into IL-4- and/or IFN-gamma-producing CD4+ and CD8+ T cells. *International Immunology*, **1999**, 11, 593-603	4.9	10
21	Distribution and functional analysis of a 120- to 130-kDa T-cell surface antigen. *Cellular Immunology* , **1987**, 105, 161-73	4.4	10
20	CD45 isoforms on human CD4+ T-cell subsets. *Journal of Allergy and Clinical Immunology*, **1996**, 98, 433-40	11.5	9
19	New developments in the immunology of asthma, with a focus on mechanisms and treatment. *Current Opinion in Pulmonary Medicine*, **1997**, 3, 42-50	3	8
18	Pre-COVID-19 humoral immunity to common coronaviruses does not confer cross-protection against SARS-CoV-2		8
17	Polarized Th2 like cells, in the absence of Th0 cells, are responsible for lymphocyte produced IL-4 in high IgE-producer schistosomiasis patients. *BMC Immunology*, **2002**, 3, 8	3.7	7
16	T-cell receptor V beta 5 usage defines reactivity to a human T-cell receptor monoclonal antibody. *Immunogenetics*, **1989**, 30, 162-8	3.2	6
15	Staphylococcus aureus enterotoxin mediated specific non-responsiveness of human T cells. *Immunology Letters*, **1991**, 30, 165-70	4.1	5

14	Zika virus in the eye of the cytokine storm. *European Cytokine Network*, **2019**, 30, 74-81	3.3	5
13	Clinical and laboratory findings of acute Zika virus infection in patients from Salvador during the first Brazilian epidemic. *Brazilian Journal of Infectious Diseases*, **2020**, 24, 405-411	2.8	4
12	Considering Personalized Interferon Beta Therapy for COVID-19. *Antimicrobial Agents and Chemotherapy*, **2021**, 65,	5.9	4
11	Generation and cloning of antigen-specific human T-cells. *Methods in Molecular Medicine*, **1996**, 2, 121-35		3
10	Beneficial role of Pistacia lentiscus aqueous extract in experimental colitis: anti-inflammatory and potential therapeutic effects. *Inflammopharmacology*, **2021**, 29, 1225-1239	5.1	3
9	Correction: Mesenchymal Stem Cells Inhibit Human Th17 Cell Differentiation and Function and Induce a T Regulatory Cell Phenotype. *Journal of Immunology*, **2013**, 191, 5777-5777	5.3	2
8	5 Measuring human cytokine responses. *Methods in Microbiology*, **2002**, 32, 707-749	2.8	2
7	Identification of the Single Immunodominant Region of the Native Human CC Chemokine Receptor 6 Recognized by Mouse Monoclonal Antibodies. *PLoS ONE*, **2016**, 11, e0157740	3.7	2
6	Pre-COVID-19 Immunity to Common Cold Human Coronaviruses Induces a Recall-Type IgG Response to SARS-CoV-2 Antigens Without Cross-Neutralisation.. *Frontiers in Immunology*, **2022**, 13, 790334	8.4	1
5	Prospects for a vaccine in allergic diseases and asthma. *BioDrugs*, **2000**, 13, 61-75	7.9	0
4	NK Cell Responses in Zika Virus Infection Are Biased towards Cytokine-Mediated Effector Functions. *Journal of Immunology*, **2021**, 207, 1333-1343	5.3	0
3	Measuring Human Cytokine Responses. *Methods in Microbiology*, **2010**, 439-496	2.8	
2	Peptide induced anergy of human allergen-specific T cells. *Advances in Experimental Medicine and Biology*, **1996**, 409, 405-10	3.6	
1	Reply. *Arthritis and Rheumatology*, **2020**, 72, 197	9.5	