

Hans Yssel

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.

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	Pre-COVID-19 Immunity to Common Cold Human Coronaviruses Induces a Recall-Type IgG Response to SARS-CoV-2 Antigens Without Cross-Neutralisation.. <i>Frontiers in Immunology</i> , 2022 , 13, 790334	8.4	1
120	Considering Personalized Interferon Beta Therapy for COVID-19. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	4
119	Beneficial role of Pistacia lentiscus aqueous extract in experimental colitis: anti-inflammatory and potential therapeutic effects. <i>Inflammopharmacology</i> , 2021 , 29, 1225-1239	5.1	3
118	Distinct cytokine profiles associated with COVID-19 severity and mortality. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 2098-2107	11.5	18
117	IgA dominates the early neutralizing antibody response to SARS-CoV-2. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	405
116	NK Cell Responses in Zika Virus Infection Are Biased towards Cytokine-Mediated Effector Functions. <i>Journal of Immunology</i> , 2021 , 207, 1333-1343	5.3	0
115	Clinical course of coronavirus disease 2019 (COVID-19) in a series of 17 patients with systemic lupus erythematosus under long-term treatment with hydroxychloroquine. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 837-839	2.4	161
114	Reply. <i>Arthritis and Rheumatology</i> , 2020 , 72, 197	9.5	
113	Withdrawal of low-dose prednisone in SLE patients with a clinically quiescent disease for more than 1 year: a randomised clinical trial. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 339-346	2.4	41
112	Clinical and laboratory findings of acute Zika virus infection in patients from Salvador during the first Brazilian epidemic. <i>Brazilian Journal of Infectious Diseases</i> , 2020 , 24, 405-411	2.8	4
111	Human IgA binds a diverse array of commensal bacteria. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	30
110	Ultrasensitive serum interferon- γ quantification during SLE remission identifies patients at risk for relapse. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 1669-1676	2.4	30
109	Control of Acute Arboviral Infection by Natural Killer Cells. <i>Viruses</i> , 2019 , 11,	6.2	18
108	Zika virus infection: an update. <i>Microbes and Infection</i> , 2019 , 21, 353-360	9.3	26
107	SAMHD1 Enhances Chikungunya and Zika Virus Replication in Human Skin Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
106	Zika virus differentially infects human neural progenitor cells according to their state of differentiation and dysregulates neurogenesis through the Notch pathway. <i>Emerging Microbes and Infections</i> , 2019 , 8, 1003-1016	18.9	27
105	Zika virus in the eye of the cytokine storm. <i>European Cytokine Network</i> , 2019 , 30, 74-81	3.3	5

104	Synergistic convergence of microbiota-specific systemic IgG and secretory IgA. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 1575-1585.e4	11.5	38
103	Zika virus infection modulates the metabolomic profile of microglial cells. <i>PLoS ONE</i> , 2018 , 13, e0206093	3.7	30
102	African and Asian Zika virus strains differentially induce early antiviral responses in primary human astrocytes. <i>Infection, Genetics and Evolution</i> , 2017 , 49, 134-137	4.5	48
101	Systemic Human ILC Precursors Provide a Substrate for Tissue ILC Differentiation. <i>Cell</i> , 2017 , 168, 1086-1100.e19	16.0	193
100	Aedes Aegypti saliva enhances chikungunya virus replication in human skin fibroblasts via inhibition of the type I interferon signaling pathway. <i>Infection, Genetics and Evolution</i> , 2017 , 55, 68-70	4.5	16
99	Imipramine Inhibits Chikungunya Virus Replication in Human Skin Fibroblasts through Interference with Intracellular Cholesterol Trafficking. <i>Scientific Reports</i> , 2017 , 7, 3145	4.9	59
98	Interleukin-17A-induced production of acute serum amyloid A by keratinocytes contributes to psoriasis pathogenesis. <i>PLoS ONE</i> , 2017 , 12, e0181486	3.7	18
97	High-Fat Diet-Induced IL-17A Exacerbates Psoriasiform Dermatitis in a Mouse Model of Steatohepatitis. <i>American Journal of Pathology</i> , 2016 , 186, 2292-301	5.8	21
96	Zika virus: epidemiology, clinical features and host-virus interactions. <i>Microbes and Infection</i> , 2016 , 18, 441-9	9.3	65
95	IL-12 drives functional plasticity of human group 2 innate lymphoid cells. <i>Journal of Experimental Medicine</i> , 2016 , 213, 569-83	16.6	194
94	Identification of the Single Immunodominant Region of the Native Human CC Chemokine Receptor 6 Recognized by Mouse Monoclonal Antibodies. <i>PLoS ONE</i> , 2016 , 11, e0157740	3.7	2
93	Longitudinal Analysis of Natural Killer Cells in Dengue Virus-Infected Patients in Comparison to Chikungunya and Chikungunya/Dengue Virus-Infected Patients. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004499	4.8	33
92	Biology of Zika Virus Infection in Human Skin Cells. <i>Journal of Virology</i> , 2015 , 89, 8880-96	6.6	794
91	Inflammasome signaling pathways exert antiviral effect against Chikungunya virus in human dermal fibroblasts. <i>Infection, Genetics and Evolution</i> , 2015 , 32, 401-8	4.5	60
90	Bone marrow Th17 TNF α cells induce osteoclast differentiation, and link bone destruction to IBD. <i>Gut</i> , 2015 , 64, 1072-81	19.2	66
89	Ultraviolet light converts propranolol, a nonselective β -blocker and potential lupus-inducing drug, into a proinflammatory AhR ligand. <i>European Journal of Immunology</i> , 2015 , 45, 3174-87	6.1	24
88	Aedesin: structure and antimicrobial activity against multidrug resistant bacterial strains. <i>PLoS ONE</i> , 2014 , 9, e105441	3.7	11
87	Aedes aegypti saliva contains a prominent 34-kDa protein that strongly enhances dengue virus replication in human keratinocytes. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 281-284	4.3	44

86	Correction: Mesenchymal Stem Cells Inhibit Human Th17 Cell Differentiation and Function and Induce a T Regulatory Cell Phenotype. <i>Journal of Immunology</i> , 2013 , 191, 5777-5777	5:3	2
85	Nicotinamide phosphoribosyltransferase/visfatin expression by inflammatory monocytes mediates arthritis pathogenesis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1717-24	2:4	33
84	Pulmonary CCL18 recruits human regulatory T cells. <i>Journal of Immunology</i> , 2012 , 189, 128-37	5:3	47
83	Aedes aegypti saliva enhances dengue virus infection of human keratinocytes by suppressing innate immune responses. <i>Journal of Investigative Dermatology</i> , 2012 , 132, 2103-5	4:3	35
82	Activated and resting regulatory T cell exhaustion concurs with high levels of interleukin-22 expression in systemic sclerosis lesions. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 1227-34	2:4	75
81	Dengue virus replication in infected human keratinocytes leads to activation of antiviral innate immune responses. <i>Infection, Genetics and Evolution</i> , 2011 , 11, 1664-73	4:5	72
80	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. <i>European Journal of Immunology</i> , 2011 , 41, 2596-605	6:1	16
79	CCL20 and Edefensin-2 induce arrest of human Th17 cells on inflamed endothelium in vitro under flow conditions. <i>Journal of Immunology</i> , 2011 , 186, 1411-20	5:3	59
78	Induction of a peptide with activity against a broad spectrum of pathogens in the Aedes aegypti salivary gland, following Infection with Dengue Virus. <i>PLoS Pathogens</i> , 2011 , 7, e1001252	7:6	124
77	Measuring Human Cytokine Responses. <i>Methods in Microbiology</i> , 2010 , 439-496	2:8	
76	Mesenchymal stem cells inhibit human Th17 cell differentiation and function and induce a T regulatory cell phenotype. <i>Journal of Immunology</i> , 2010 , 185, 302-12	5:3	402
75	Knocking down Cav1 calcium channels implicated in Th2 cell activation prevents experimental asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 1310-7	10:2	41
74	Cytokine-induced CEACAM1 expression on keratinocytes is characteristic for psoriatic skin and contributes to a prolonged lifespan of neutrophils. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 671-81	4:3	15
73	Chronically inflamed human tissues are infiltrated by highly differentiated Th17 lymphocytes. <i>Journal of Immunology</i> , 2008 , 180, 7423-30	5:3	419
72	Oncostatin M secreted by skin infiltrating T lymphocytes is a potent keratinocyte activator involved in skin inflammation. <i>Journal of Immunology</i> , 2007 , 178, 4615-22	5:3	133
71	IL-22 participates in an innate anti-HIV-1 host-resistance network through acute-phase protein induction. <i>Journal of Immunology</i> , 2007 , 178, 407-15	5:3	75
70	IFN-gamma-mediated inhibition of human IgE synthesis by IL-21 is associated with a polymorphism in the IL-21R gene. <i>Journal of Immunology</i> , 2006 , 177, 5006-13	5:3	47
69	Enhanced frequency of CD18- and CD49b-expressing T cells in peripheral blood of asthmatic patients correlates with disease severity. <i>International Archives of Allergy and Immunology</i> , 2006 , 140, 139-49	3:7	26

68	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. <i>Experimental Dermatology</i> , 2006 , 15, 615-24	4	11
67	Dengue-virus-infected dendritic cells trigger vascular leakage through metalloproteinase overproduction. <i>EMBO Reports</i> , 2006 , 7, 1176-81	6.5	111
66	Dengue-virus-infected dendritic cells trigger vascular leakage through metalloproteinase overproduction. <i>EMBO Reports</i> , 2006 , 7, 1290-1290	6.5	78
65	Soluble HIV-1 gp120 enhances HIV-1 replication in non-dividing CD4+ T cells, mediated via cell signaling and Tat cofactor overexpression. <i>Aids</i> , 2005 , 19, 897-905	3.5	20
64	Characterization and enumeration of cells secreting tumor markers in the peripheral blood of breast cancer patients. <i>Journal of Immunological Methods</i> , 2005 , 299, 177-88	2.5	78
63	Cutting edge: IL-21 is a switch factor for the production of IgG1 and IgG3 by human B cells. <i>Journal of Immunology</i> , 2004 , 172, 5154-7	5.3	240
62	Detection of peripheral HIV-1-specific memory B cells in patients untreated or receiving highly active antiretroviral therapy. <i>Aids</i> , 2003 , 17, 2323-30	3.5	26
61	Telomerase levels control the lifespan of human T lymphocytes. <i>Blood</i> , 2003 , 102, 849-57	2.2	120
60	Ectopic hTERT expression extends the life span of human CD4+ helper and regulatory T-cell clones and confers resistance to oxidative stress-induced apoptosis. <i>Blood</i> , 2003 , 101, 4512-9	2.2	94
59	Use of anti-CD3/CD28 mAb coupled magnetic beads permitting subsequent phenotypic analysis of activated human T cells by indirect immunofluorescence. <i>Journal of Immunological Methods</i> , 2003 , 283, 59-66	2.5	12
58	A Fluorospot assay to detect single T lymphocytes simultaneously producing multiple cytokines. <i>Journal of Immunological Methods</i> , 2003 , 283, 91-8	2.5	81
57	Generation and maintenance of cloned human T cell lines. <i>Current Protocols in Immunology</i> , 2002 , Chapter 7, Unit 7.19	4	17
56	Polarized Th2 like cells, in the absence of Th0 cells, are responsible for lymphocyte produced IL-4 in high IgE-producer schistosomiasis patients. <i>BMC Immunology</i> , 2002 , 3, 8	3.7	7
55	Ex vivo isolation protocols differentially affect the phenotype of human CD4+ T cells. <i>Journal of Immunological Methods</i> , 2002 , 271, 99-106	2.5	14
54	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. <i>European Journal of Immunology</i> , 2002 , 32, 2979-87	6.1	63
53	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. <i>Journal of Immunology</i> , 2002 , 168, 5912-9	5.3	32
52	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. <i>International Immunology</i> , 2002 , 14, 1351-6	4.9	35
51	5 Measuring human cytokine responses. <i>Methods in Microbiology</i> , 2002 , 32, 707-749	2.8	2

50	Phenotypic characterization of human CD4+ regulatory T cells obtained from cutaneous dinitrochlorobenzene-induced delayed type hypersensitivity reactions. <i>Journal of Investigative Dermatology</i> , 2001 , 117, 318-25	4.3	28
49	Regulatory T cells and allergic asthma. <i>Microbes and Infection</i> , 2001 , 3, 899-904	9.3	18
48	Cytokines and cell surface molecules independently induce CXCR4 expression on CD4+ CCR7+ human memory T cells. <i>Journal of Immunology</i> , 2000 , 165, 716-24	5.3	92
47	Characterization of T cell subpopulations involved in the pathogenesis of asthma and allergic diseases. <i>International Archives of Allergy and Immunology</i> , 2000 , 121, 10-8	3.7	97
46	Alternative antigen receptor (TCR) signaling in T cells derived from ZAP-70-deficient patients expressing high levels of Syk. <i>Journal of Biological Chemistry</i> , 2000 , 275, 15832-8	5.4	51
45	Prospects for a vaccine in allergic diseases and asthma. <i>BioDrugs</i> , 2000 , 13, 61-75	7.9	0
44	A CD4-Independent Interaction of Human Immunodeficiency Virus-1 gp120 With CXCR4 Induces Their Cointernalization, Cell Signaling, and T-Cell Chemotaxis. <i>Blood</i> , 1999 , 93, 2454-2462	2.2	70
43	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. <i>International Immunology</i> , 1999 , 11, 1451-62	4.9	14
42	Differentiation of human single-positive fetal thymocytes in vitro into IL-4- and/or IFN-gamma-producing CD4+ and CD8+ T cells. <i>International Immunology</i> , 1999 , 11, 593-603	4.9	10
41	A CD4-Independent Interaction of Human Immunodeficiency Virus-1 gp120 With CXCR4 Induces Their Cointernalization, Cell Signaling, and T-Cell Chemotaxis. <i>Blood</i> , 1999 , 93, 2454-2462	2.2	28
40	Antagonistic peptides specifically inhibit proliferation, cytokine production, CD40L expression, and help for IgE synthesis by Der p 1-specific human T-cell clones. <i>Journal of Allergy and Clinical Immunology</i> , 1998 , 101, 521-30	11.5	19
39	New developments in the immunology of asthma, with a focus on mechanisms and treatment. <i>Current Opinion in Pulmonary Medicine</i> , 1997 , 3, 42-50	3	8
38	Factors affecting the cytokine production of human T cells stimulated by different modes of activation. <i>Journal of Allergy and Clinical Immunology</i> , 1996 , 98, S161-73	11.5	31
37	CD45 isoforms on human CD4+ T-cell subsets. <i>Journal of Allergy and Clinical Immunology</i> , 1996 , 98, 433-40	11.5	9
36	Contribution of HLA class I and class II alleles to the regulation of antibody production to hepatitis B surface antigen in humans. <i>International Immunology</i> , 1996 , 8, 525-31	4.9	38
35	DNAM-1, a novel adhesion molecule involved in the cytolytic function of T lymphocytes. <i>Immunity</i> , 1996 , 4, 573-81	32.3	451
34	Generation and cloning of antigen-specific human T-cells. <i>Methods in Molecular Medicine</i> , 1996 , 2, 121-35		3
33	Interleukin-13 is produced by activated human CD45RA+ and CD45RO+ T cells: modulation by interleukin-4 and interleukin-12. <i>European Journal of Immunology</i> , 1996 , 26, 571-7	6.1	89

32	T-cell responses to allergens: epitope-specificity and clinical relevance. <i>Trends in Immunology</i> , 1996 , 17, 526-532		87
31	T-cell responses to allergens: epitope-specificity and clinical relevance. <i>Trends in Immunology</i> , 1996 , 17, 526-32		54
30	Peptide induced anergy of human allergen-specific T cells. <i>Advances in Experimental Medicine and Biology</i> , 1996 , 409, 405-10	3.6	
29	A novel receptor involved in T-cell activation. <i>Nature</i> , 1995 , 376, 260-3	50.4	398
28	Peptide modulation of allergen-specific immune responses. <i>Current Opinion in Immunology</i> , 1995 , 7, 757-68		30
27	Antagonizing the differentiation and functions of human T helper type 2 cells. <i>Current Opinion in Immunology</i> , 1995 , 7, 771-8	7.8	21
26	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> , 1995 , 7, 1405-16	4.9	143
25	IL-4 and IL-13, but not IL-10, are chemotactic factors for human osteoblasts. <i>Cytokine</i> , 1995 , 7, 78-82	4	60
24	Interleukin 13 suppresses cytokine production and stimulates the production of 15-HETE in PBMC. A comparison between IL-4 and IL-13. <i>Cytokine</i> , 1995 , 7, 319-24	4	26
23	IL-12 transiently induces IFN-gamma transcription and protein synthesis in human CD4+ allergen-specific Th2 T cell clones. <i>International Immunology</i> , 1994 , 6, 1091-6	4.9	65
22	Effects of prostaglandin E2 on Th0-type human T cell clones: modulation of functions of nuclear proteins involved in cytokine production. <i>International Immunology</i> , 1994 , 6, 523-32	4.9	42
21	Induction of non-responsiveness in human allergen-specific type 2 T helper cells. <i>Current Opinion in Immunology</i> , 1994 , 6, 847-52	7.8	49
20	IL-10 secretion of allergen-specific skin-derived T cells correlates positively with that of the Th2 cytokines IL-4 and IL-5. <i>Experimental Dermatology</i> , 1994 , 3, 304-13	4	18
19	Brequinar sodium, mycophenolic acid, and cyclosporin A inhibit different stages of IL-4- or IL-13-induced human IgG4 and IgE production in vitro. <i>Annals of the New York Academy of Sciences</i> , 1993 , 696, 108-22	6.5	15
18	Interleukin-7 specifically induces the B7/BB1 antigen on human cord blood and peripheral blood T cells and T cell clones. <i>International Immunology</i> , 1993 , 5, 753-9	4.9	21
17	Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. <i>Immunological Reviews</i> , 1992 , 127, 5-24	11.3	325
16	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. <i>European Journal of Immunology</i> , 1992 , 22, 1133-41	6.1	38
15	Regulation of human IgE synthesis. <i>Clinical and Experimental Allergy</i> , 1991 , 21 Suppl 1, 162-6	4.1	23

14	Regulation of IgE synthesis by cytokines. <i>Current Opinion in Immunology</i> , 1991 , 3, 851-8	7.8	92
13	Reciprocal hybrid joints demonstrate successive V-J rearrangements on the same chromosome in the human TCR gamma locus. <i>International Immunology</i> , 1991 , 3, 973-82	4.9	18
12	Clonal analysis of differential lymphokine production in peptide and superantigen induced T cell anergy. <i>International Immunology</i> , 1991 , 3, 819-26	4.9	93
11	Staphylococcus aureus enterotoxin mediated specific non-responsiveness of human T cells. <i>Immunology Letters</i> , 1991 , 30, 165-70	4.1	5
10	Analysis of T lymphocytes cloned from the synovial fluid and blood of a patient with Lyme arthritis. <i>International Immunology</i> , 1990 , 2, 1081-9	4.9	35
9	Reactivity of cloned, expressed human Fc gamma RIII isoforms with monoclonal antibodies which distinguish cell-type-specific and allelic forms of Fc gamma RIII. <i>International Immunology</i> , 1990 , 2, 303-10	4.9	24
8	T-cell receptor V beta 5 usage defines reactivity to a human T-cell receptor monoclonal antibody. <i>Immunogenetics</i> , 1989 , 30, 162-8	3.2	6
7	Interplay between the TCR/CD3 complex and CD4 or CD8 in the activation of cytotoxic T lymphocytes. <i>Immunological Reviews</i> , 1989 , 109, 119-41	11.3	34
6	Distribution and functional analysis of a 120- to 130-kDa T-cell surface antigen. <i>Cellular Immunology</i> , 1987 , 105, 161-73	4.4	10
5	T cell clones which share T cell receptor epitopes differ in phenotype, function and specificity. <i>European Journal of Immunology</i> , 1986 , 16, 1187-93	6.1	21
4	Antigen-specific cytotoxic T cell and antigen-specific proliferating T cell clones can be induced to cytolytic activity by monoclonal antibodies against T3. <i>European Journal of Immunology</i> , 1985 , 15, 88-91	6.1	150
3	Serum-free medium for generation and propagation of functional human cytotoxic and helper T cell clones. <i>Journal of Immunological Methods</i> , 1984 , 72, 219-27	2.5	334
2	IgA dominates the early neutralizing antibody response to SARS-CoV-2		54
1	Pre-COVID-19 humoral immunity to common coronaviruses does not confer cross-protection against SARS-CoV-2		8