

Andreas Thiel

List of Publications by Citations

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108
papers

7,611
citations

42
h-index

86
g-index

114
ext. papers

8,913
ext. citations

7.3
avg, IF

5.35
L-index

#	Paper	IF	Citations
108	SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. <i>Nature</i> , 2020 , 587, 270-274	50.4	688
107	Lifetime of plasma cells in the bone marrow. <i>Nature</i> , 1997 , 388, 133-4	50.4	659
106	DNA demethylation in the human FOXP3 locus discriminates regulatory T cells from activated FOXP3(+) conventional T cells. <i>European Journal of Immunology</i> , 2007 , 37, 2378-89	6.1	543
105	CD56brightCD16- killer Ig-like receptor- NK cells display longer telomeres and acquire features of CD56dim NK cells upon activation. <i>Journal of Immunology</i> , 2007 , 178, 4947-55	5.3	383
104	Two subsets of naive T helper cells with distinct T cell receptor excision circle content in human adult peripheral blood. <i>Journal of Experimental Medicine</i> , 2002 , 195, 789-94	16.6	376
103	Direct access to CD4+ T cells specific for defined antigens according to CD154 expression. <i>Nature Medicine</i> , 2005 , 11, 1118-24	50.5	365
102	The microRNA miR-182 is induced by IL-2 and promotes clonal expansion of activated helper T lymphocytes. <i>Nature Immunology</i> , 2010 , 11, 1057-62	19.1	269
101	Life after the thymus: CD31+ and CD31- human naive CD4+ T-cell subsets. <i>Blood</i> , 2009 , 113, 769-74	2.2	236
100	Analysis of IL-17(+) cells in facet joints of patients with spondyloarthritis suggests that the innate immune pathway might be of greater relevance than the Th17-mediated adaptive immune response. <i>Arthritis Research and Therapy</i> , 2011 , 13, R95	5.7	226
99	Depletion of autoreactive immunologic memory followed by autologous hematopoietic stem cell transplantation in patients with refractory SLE induces long-term remission through de novo generation of a juvenile and tolerant immune system. <i>Blood</i> , 2009 , 113, 214-23	2.2	213
98	CD62L expression identifies a unique subset of polyfunctional CD56dim NK cells. <i>Blood</i> , 2010 , 116, 1299-307	20.6	206
97	The small subset of CD56brightCD16- natural killer cells is selectively responsible for both cell proliferation and interferon-gamma production upon interaction with dendritic cells. <i>European Journal of Immunology</i> , 2004 , 34, 1715-22	6.1	168
96	Activation of human NK cells by plasmacytoid dendritic cells and its modulation by CD4+ T helper cells and CD4+ CD25hi T regulatory cells. <i>European Journal of Immunology</i> , 2005 , 35, 2452-8	6.1	123
95	The I κ B kinase complex and NF- κ B act as master regulators of lipopolysaccharide-induced gene expression and control subordinate activation of AP-1. <i>Molecular and Cellular Biology</i> , 2004 , 24, 6488-500	4.8	119
94	Post-thymic in vivo proliferation of naive CD4+ T cells constrains the TCR repertoire in healthy human adults. <i>European Journal of Immunology</i> , 2005 , 35, 1987-94	6.1	118
93	Identification of HLA-B27-restricted peptides from the Chlamydia trachomatis proteome with possible relevance to HLA-B27-associated diseases. <i>Journal of Immunology</i> , 2001 , 167, 4738-46	5.3	111
92	Down-regulation of the nonspecific and antigen-specific T cell cytokine response in ankylosing spondylitis during treatment with infliximab. <i>Arthritis and Rheumatism</i> , 2003 , 48, 780-90		99

91	Foxp3+ Helios+ regulatory T cells are expanded in active systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1549-58	2.4	96
90	Approaching clinical proteomics: current state and future fields of application in fluid proteomics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 724-44	5.9	94
89	A converse 4-1BB and CD40 ligand expression pattern delineates activated regulatory T cells (Treg) and conventional T cells enabling direct isolation of alloantigen-reactive natural Foxp3+ Treg. <i>Journal of Immunology</i> , 2012 , 189, 5985-94	5.3	92
88	Presence of SARS-CoV-2-reactive T cells in COVID-19 patients and healthy donors		88
87	HLA-B27-restricted CD8+ T cell response to cartilage-derived self peptides in ankylosing spondylitis. <i>Arthritis and Rheumatism</i> , 2005 , 52, 892-901		86
86	Autologous stem-cell transplantation in refractory autoimmune diseases after in vivo immunoablation and ex vivo depletion of mononuclear cells. <i>Arthritis Research</i> , 2000 , 2, 327-36		79
85	Memory CD8(+) T cells colocalize with IL-7(+) stromal cells in bone marrow and rest in terms of proliferation and transcription. <i>European Journal of Immunology</i> , 2015 , 45, 975-87	6.1	75
84	Low Thymic Activity and Dendritic Cell Numbers Are Associated with the Immune Response to Primary Viral Infection in Elderly Humans. <i>Journal of Immunology</i> , 2015 , 195, 4699-711	5.3	74
83	Immunomagnetic cell sorting--pushing the limits. <i>Immunotechnology: an International Journal of Immunological Engineering</i> , 1998 , 4, 89-96		70
82	Identification of noncytotoxic and IL-10-producing CD8+AT2R+ T cell population in response to ischemic heart injury. <i>Journal of Immunology</i> , 2010 , 185, 6286-93	5.3	69
81	Multidirectional interactions are bridging human NK cells with plasmacytoid and monocyte-derived dendritic cells during innate immune responses. <i>Blood</i> , 2006 , 108, 3851-8	2.2	65
80	Analysis of the antigen-specific T cell response in reactive arthritis by flow cytometry. <i>Arthritis and Rheumatism</i> , 2000 , 43, 2834-42		64
79	CD40L expression permits CD8+ T cells to execute immunologic helper functions. <i>Blood</i> , 2013 , 122, 405-12		61
78	NK cells gain higher IFN- γ competence during terminal differentiation. <i>European Journal of Immunology</i> , 2014 , 44, 2074-84	6.1	59
77	Concerted regulation of CD34 and CD105 accompanies mesenchymal stromal cell derivation from human adventitial stromal cell. <i>Stem Cells and Development</i> , 2013 , 22, 815-27	4.4	59
76	The early cellular signatures of protective immunity induced by live viral vaccination. <i>European Journal of Immunology</i> , 2012 , 42, 2363-73	6.1	56
75	Demethylation of the RORC2 and IL17A in human CD4+ T lymphocytes defines Th17 origin of nonclassic Th1 cells. <i>Journal of Immunology</i> , 2015 , 194, 3116-26	5.3	54
74	Cross-reactive CD4 T cells enhance SARS-CoV-2 immune responses upon infection and vaccination. <i>Science</i> , 2021 , 374, eabh1823	33.3	53

73	IL-17-producing CD4(+) T cells contribute to the loss of B-cell tolerance in experimental autoimmune myasthenia gravis. <i>European Journal of Immunology</i> , 2015 , 45, 1339-47	6.1	52
72	Identification and isolation of murine antigen-reactive T cells according to CD154 expression. <i>European Journal of Immunology</i> , 2007 , 37, 2370-7	6.1	50
71	Contribution of individual retinal ganglion cell responses to velocity and acceleration encoding. <i>Journal of Neurophysiology</i> , 2007 , 98, 2285-96	3.2	50
70	Plasma cell-like morphology of Th1-cytokine-producing cells associated with the loss of CD3 expression. <i>American Journal of Pathology</i> , 2004 , 164, 409-17	5.8	49
69	Cytokine-induced human IFN-gamma-secreting effector-memory Th cells in chronic autoimmune inflammation. <i>Blood</i> , 2009 , 113, 1948-56	2.2	48
68	BK-VP3 as a new target of cellular immunity in BK virus infection. <i>Transplantation</i> , 2011 , 91, 100-7	1.8	46
67	IL-10 is excluded from the functional cytokine memory of human CD4+ memory T lymphocytes. <i>Journal of Immunology</i> , 2007 , 179, 2389-96	5.3	46
66	Approaching clinical proteomics: current state and future fields of application in cellular proteomics. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009 , 75, 816-32	4.6	41
65	Dysfunction of PSA-specific CD8+ T cells in prostate cancer patients correlates with CD38 and Tim-3 expression. <i>Cancer Immunology, Immunotherapy</i> , 2015 , 64, 1487-94	7.4	38
64	Novel approach for improved assessment of phenotypic and functional characteristics of BKV-specific T-cell immunity. <i>Transplantation</i> , 2011 , 92, 1269-77	1.8	38
63	Use of HLA-B27 tetramers to identify low-frequency antigen-specific T cells in Chlamydia-triggered reactive arthritis. <i>Arthritis Research</i> , 2004 , 6, R521-34		36
62	Education of hyporesponsive NK cells by cytokines. <i>European Journal of Immunology</i> , 2009 , 39, 2548-55	6.1	35
61	Loss of methylation at the IFNG promoter and CNS-1 is associated with the development of functional IFN- γ memory in human CD4(+) T lymphocytes. <i>European Journal of Immunology</i> , 2013 , 43, 793-804	6.1	34
60	Antigen-specific cytometry--new tools arrived!. <i>Clinical Immunology</i> , 2004 , 111, 155-61	9	34
59	Utilization of TREC and KREC quantification for the monitoring of early T- and B-cell neogenesis in adult patients after allogeneic hematopoietic stem cell transplantation. <i>Journal of Translational Medicine</i> , 2013 , 11, 188	8.5	33
58	Rabbit antithymocyte globulin (thymoglobulin) impairs the thymic output of both conventional and regulatory CD4+ T cells after allogeneic hematopoietic stem cell transplantation in adult patients. <i>Haematologica</i> , 2013 , 98, 23-30	6.6	32
57	Synovial and peripheral blood CD4+FoxP3+ T cells in spondyloarthritis. <i>Journal of Rheumatology</i> , 2011 , 38, 2445-51	4.1	32
56	Complex spike-event pattern of transient ON-OFF retinal ganglion cells. <i>Journal of Neurophysiology</i> , 2006 , 96, 2845-56	3.2	32

55	Effects of aging on human leukocytes (part I): immunophenotyping of innate immune cells. <i>Age</i> , 2015 , 37, 92		31
54	Substitution in position 3 of cyclosporin A abolishes the cyclophilin-mediated gain-of-function mechanism but not immunosuppression. <i>Journal of Biological Chemistry</i> , 2004 , 279, 2470-9	5.4	31
53	The influence of different stimulation conditions on the assessment of antigen-induced CD154 expression on CD4+ T cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008 , 73, 1035-42	4.6	28
52	DNA methylation profiling of transcription factor genes in normal lymphocyte development and lymphomas. <i>International Journal of Biochemistry and Cell Biology</i> , 2007 , 39, 1523-38	5.6	28
51	Effects of aging on human leukocytes (part II): immunophenotyping of adaptive immune B and T cell subsets. <i>Age</i> , 2015 , 37, 93		27
50	Direct assessment of thymic reactivation after autologous stem cell transplantation. <i>Acta Haematologica</i> , 2008 , 119, 22-7	2.7	26
49	Immunity against HIV/AIDS, malaria, and tuberculosis during co-infections with neglected infectious diseases: recommendations for the European Union research priorities. <i>PLoS Neglected Tropical Diseases</i> , 2008 , 2, e255	4.8	24
48	MicroRNA-487a-3p functions as a new tumor suppressor in prostate cancer by targeting CCND1. <i>Journal of Cellular Physiology</i> , 2020 , 235, 1588-1600	7	22
47	Wild immunology assessed by multidimensional mass cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017 , 91, 85-95	4.6	20
46	Interferon-gamma negatively regulates Th17-mediated immunopathology during mouse hepatitis virus infection. <i>Journal of Molecular Medicine</i> , 2011 , 89, 399-409	5.5	20
45	From transcriptome to cytome: integrating cytometric profiling, multivariate cluster, and prediction analyses for a phenotypical classification of inflammatory diseases. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008 , 73, 333-40	4.6	20
44	Simultaneous cytometric analysis of (auto)antigen-reactive T and B cell proliferation. <i>Immunobiology</i> , 2002 , 206, 484-95	3.4	20
43	IL-12-mediated STAT4 signaling and TCR signal strength cooperate in the induction of CD40L in human and mouse CD8+ T cells. <i>European Journal of Immunology</i> , 2013 , 43, 1511-7	6.1	19
42	Modulation of systemic antigen-specific immune responses by oral antigen in humans. <i>European Journal of Immunology</i> , 2010 , 40, 3128-37	6.1	19
41	Differential influenza H1N1-specific humoral and cellular response kinetics in kidney transplant patients. <i>Medical Microbiology and Immunology</i> , 2014 , 203, 35-45	4	18
40	Characterization of CD34+ human hemopoietic progenitor cells from the peripheral blood: enzyme-, carbohydrate- and immunocytochemistry, morphometry, and ultrastructure. <i>Leukemia and Lymphoma</i> , 1995 , 16, 483-91	1.9	18
39	The Role of Pre-existing Cross-Reactive Central Memory CD4 T-Cells in Vaccination With Previously Unseen Influenza Strains. <i>Frontiers in Immunology</i> , 2019 , 10, 593	8.4	17
38	Disturbed B cell subpopulations and increased plasma cells in myasthenia gravis patients. <i>Journal of Neuroimmunology</i> , 2013 , 264, 114-9	3.5	17

37	Tumor necrosis factor receptor type I expression of CD4+ T cells in rheumatoid arthritis enables them to follow tumor necrosis factor gradients into the rheumatoid synovium. <i>Arthritis and Rheumatism</i> , 2013 , 65, 1468-76		17
36	Clonotype analysis of cytomegalovirus-specific cytotoxic T lymphocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 344-52	12.7	17
35	CD31+ naïve Th cells are stable during six months following kidney transplantation: implications for post-transplant thymic function. <i>American Journal of Transplantation</i> , 2005 , 5, 1764-71	8.7	16
34	Impaired peripheral Th1 CD4+ T cell response to Escherichia coli proteins in patients with Crohn's disease and ankylosing spondylitis. <i>Journal of Clinical Immunology</i> , 2011 , 31, 998-1009	5.7	15
33	Siglec-1-positive plasmacytoid dendritic cells (pDCs) in human peripheral blood: A semi-mature and myeloid-like subset imbalanced during protective and autoimmune responses. <i>Clinical Immunology</i> , 2016 , 163, 42-51	9	14
32	Antigen-specific cytometry. <i>Arthritis Research</i> , 1999 , 1, 25-9		14
31	Age dependent differences in the kinetics of T cells after influenza vaccination. <i>PLoS ONE</i> , 2017 , 12, e0181161	3.7	14
30	Selection and depletion of plasma cells based on the specificity of the secreted antibody. <i>European Journal of Immunology</i> , 2015 , 45, 317-9	6.1	12
29	Simultaneous Presence of Non- and Highly Mutated Keyhole Limpet Hemocyanin (KLH)-Specific Plasmablasts Early after Primary KLH Immunization Suggests Cross-Reactive Memory B Cell Activation. <i>Journal of Immunology</i> , 2018 , 200, 3981-3992	5.3	12
28	Staining of Chlamydia trachomatis elementary bodies: a suitable method for identifying infected human monocytes by flow cytometry. <i>Journal of Microbiological Methods</i> , 2007 , 69, 116-21	2.8	12
27	Relapse of systemic lupus erythematosus. <i>Lancet, The</i> , 2001 , 357, 807-8	4.0	12
26	CD34+ human hemopoietic progenitor cells of the bone marrow differ from those of the peripheral blood: an immunocytochemical and morphometric study. <i>Acta Haematologica</i> , 1995 , 93, 83-90	2.7	12
25	Stem cell transplantation for autoimmune disorders. Immune reconstitution. <i>Best Practice and Research in Clinical Haematology</i> , 2004 , 17, 345-58	4.2	11
24	CD40L expression by CD4 but not CD8 T cells regulates antiviral immune responses in acute LCMV infection in mice. <i>European Journal of Immunology</i> , 2016 , 46, 2566-2573	6.1	10
23	Hobit and human effector T-cell differentiation: The beginning of a long journey. <i>European Journal of Immunology</i> , 2015 , 45, 2762-5	6.1	10
22	Selective depletion of plasma cells in vivo based on the specificity of their secreted antibodies. <i>European Journal of Immunology</i> , 2020 , 50, 284-291	6.1	10
21	Highly Predictive Model for a Protective Immune Response to the A(H1N1)pdm2009 Influenza Strain after Seasonal Vaccination. <i>PLoS ONE</i> , 2016 , 11, e0150812	3.7	10
20	Homologous high-throughput expression and purification of highly conserved E coli proteins. <i>Microbial Cell Factories</i> , 2007 , 6, 18	6.4	9

19	SLAMF7 and IL-6R define distinct cytotoxic versus helper memory CD8 T cells. <i>Nature Communications</i> , 2020 , 11, 6357	17.4	8
18	Development and resolution of secondary autoimmunity after autologous haematopoietic stem cell transplantation for systemic lupus erythematosus: competition of plasma cells for survival niches?. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1102-4	2.4	8
17	Identification of immunodominant CD4+ T cell epitopes in patients with Yersinia-induced reactive arthritis by cytometric cytokine secretion assay. <i>Arthritis and Rheumatism</i> , 2006 , 54, 3583-90		8
16	Cohort profile: follow-up of a Berlin Aging Study II (BASE-II) subsample as part of the GendAge study. <i>BMJ Open</i> , 2021 , 11, e045576	3	5
15	Cutting Edge: Serum but Not Mucosal Antibody Responses Are Associated with Pre-Existing SARS-CoV-2 Spike Cross-Reactive CD4 T Cells following BNT162b2 Vaccination in the Elderly.. <i>Journal of Immunology</i> , 2022 ,	5.3	4
14	Cytotoxic Effects of Rabbit Anti-thymocyte Globulin Preparations on Primary Human Thymic Epithelial Cells. <i>Transplantation</i> , 2019 , 103, 2234-2244	1.8	4
13	Preexisting antigen-specific immune responses are modulated by oral KLH feeding in humans. <i>European Journal of Immunology</i> , 2015 , 45, 1991-6	6.1	3
12	Blockade of the costimulatory CD28-B7 family signal axis enables repeated application of AAV8 gene vectors. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 1075-1080	15.4	3
11	Cross-reactive CD4+ T cells enhance SARS-CoV-2 immune responses upon infection and vaccination		3
10	Altered naive CD4 T cell homeostasis in myasthenia gravis and thymoma patients. <i>Journal of Neuroimmunology</i> , 2019 , 327, 10-14	3.5	2
9	Requirement of immune system heterogeneity for protective immunity. <i>Vaccine</i> , 2015 , 33, 5308-12	4.1	2
8	Rabbit antithymocyte globulin induces rapid expansion of effector memory CD8 T cells without accelerating acute graft versus host disease. <i>Leukemia Research Reports</i> , 2013 , 2, 82-5	0.6	2
7	Environmental Influences on the Immune System: The Aging Immune System 2016 , 55-76		1
6	Comment on "Homeostasis of the naive CD4+ T cell compartment during aging". <i>Journal of Immunology</i> , 2008 , 180, 6437; author reply 6437	5.3	1
5	Serum but not mucosal antibody responses are predicted by pre-existing SARS-CoV-2 spike cross-reactive CD4+ T cells following BNT162b2 vaccination in the elderly		1
4	Analysis of peripheral inflammatory T cell subsets and their effector function in patients with Birdshot Retinochoroiditis. <i>Scientific Reports</i> , 2021 , 11, 8604	4.9	1
3	The H-Y Antigen in Embryonic Stem Cells Causes Rejection in Syngeneic Female Recipients. <i>Stem Cells and Development</i> , 2020 , 29, 1179-1189	4.4	0
2	High-dimensional single cell mass cytometry analysis of the murine hematopoietic system reveals signatures induced by ageing and physiological pathogen challenges. <i>Immunity and Ageing</i> , 2021 , 18, 20	9.7	0

- 1 Detection of antigen-specific lymphocytes/Detektion von Antigen-spezifischen Lymphozyten.
Laboratoriums Medizin, **2004**, 28, 299-306