Andreas Thiel

List of Publications by Year
in descending order

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107 papers	9,605 citations	57631 44 h-index	39575 94 g-index
114 all docs	114 docs citations	114 times ranked	15726 citing authors

#	Article	IF	Citations
1	SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. Nature, 2020, 587, 270-274.	13.7	1,115
2	Lifetime of plasma cells in the bone marrow. Nature, 1997, 388, 133-134.	13.7	754
3	DNA demethylation in the human FOXP3 locus discriminates regulatory T cells from activated FOXP3⁺ conventional T cells. European Journal of Immunology, 2007, 37, 2378-2389.	1.6	620
4	Direct access to CD4+ T cells specific for defined antigens according to CD154 expression. Nature Medicine, 2005, 11, 1118-1124.	15.2	436
5	CD56brightCD16â˜' Killer Ig-Like Receptorâ˜' NK Cells Display Longer Telomeres and Acquire Features of CD56dim NK Cells upon Activation. Journal of Immunology, 2007, 178, 4947-4955.	0.4	430
6	Two Subsets of Naive T Helper Cells with Distinct T Cell Receptor Excision Circle Content in Human Adult Peripheral Blood. Journal of Experimental Medicine, 2002, 195, 789-794.	4.2	412
7	The microRNA miR-182 is induced by IL-2 and promotes clonal expansion of activated helper T lymphocytes. Nature Immunology, 2010, 11, 1057-1062.	7.0	304
8	Life after the thymus: CD31+ and CD31â˜' human naive CD4+ T-cell subsets. Blood, 2009, 113, 769-774.	0.6	294
9	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. Blood, 2009, 113, 214-223.	0.6	269
10	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. Arthritis Research and Therapy, 2011, 13, R95.	1.6	267
11	CD62L expression identifies a unique subset of polyfunctional CD56dim NK cells. Blood, 2010, 116, 1299-1307.	0.6	249
12	Cross-reactive CD4 ⁺ T cells enhance SARS-CoV-2 immune responses upon infection and vaccination. Science, 2021, 374, eabh1823.	6.0	221
13	The small subset of CD56brightCD16â€“ natural killer cells is selectively responsible for both cell proliferation and interferon-Î³ production upon interaction with dendritic cells. European Journal of Immunology, 2004, 34, 1715-1722.	1.6	178
14	The IÎºB Kinase Complex and NF-ÎºB Actas Master Regulators of Lipopolysaccharide-Induced Gene Expressionand Control Subordinate Activation ofAP-1. Molecular and Cellular Biology, 2004, 24, 6488-6500.	1.1	152
15	Post-thymic in vivo proliferation of naive CD4+ T cells constrains the TCR repertoire in healthy human adults. European Journal of Immunology, 2005, 35, 1987-1994.	1.6	136
16	Activation of human NK cells by plasmacytoid dendritic cells and its modulation by CD4+ T helper cells and CD4+ CD25hi T regulatory cells. European Journal of Immunology, 2005, 35, 2452-2458.	1.6	127
17	Foxp3⁺Helios⁺regulatory T cells are expanded in active systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2013, 72, 1549-1558.	0.5	127
18	Identification of HLA-B27-Restricted Peptides from the Chlamydia trachomatis Proteome with Possible Relevance to HLA-B27-Associated Diseases. Journal of Immunology, 2001, 167, 4738-4746.	0.4	125

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19	Down-regulation of the nonspecific and antigen-specific T cell cytokine response in ankylosing spondylitis during treatment with infliximab. Arthritis and Rheumatism, 2003, 48, 780-790.	6.7	112
20	Approaching clinical proteomics: current state and future fields of application in fluid proteomics. Clinical Chemistry and Laboratory Medicine, 2009, 47, 724-44.	1.4	112
21	HLA-B27-restricted CD8+ T cell response to cartilage-derived self peptides in ankylosing spondylitis. Arthritis and Rheumatism, 2005, 52, 892-901.	6.7	108
22	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. Journal of Immunology, 2012, 189, 5985-5994.	0.4	108
23	Low Thymic Activity and Dendritic Cell Numbers Are Associated with the Immune Response to Primary Viral Infection in Elderly Humans. Journal of Immunology, 2015, 195, 4699-4711.	0.4	104
24	Autologous stem-cell transplantation in refractory autoimmune diseases after in vivo immunoablation and ex vivo depletion of mononuclear cells. Arthritis Research, 2000, 2, 327.	2.0	103
25	Memory CD8⁺ TÂcells colocalize with ILâ€7⁺ stromal cells in bone marrow and rest in terms of proliferation and transcription. European Journal of Immunology, 2015, 45, 975-987.	1.6	97
26	<scp>NK</scp> cells gain higher <scp>IFN</scp>â€Î³ competence during terminal differentiation. European Journal of Immunology, 2014, 44, 2074-2084.	1.6	94
27	Identification of Noncytotoxic and IL-10â€“Producing CD8+AT2R+ T Cell Population in Response to Ischemic Heart Injury. Journal of Immunology, 2010, 185, 6286-6293.	0.4	91
28	CD40L expression permits CD8+ T cells to execute immunologic helper functions. Blood, 2013, 122, 405-412.	0.6	80
29	Immunomagnetic cell sortingâ€”pushing the limits. Immunotechnology: an International Journal of Immunological Engineering, 1998, 4, 89-96.	2.4	79
30	Demethylation of the RORC2 and IL17A in Human CD4+ T Lymphocytes Defines Th17 Origin of Nonclassic Th1 Cells. Journal of Immunology, 2015, 194, 3116-3126.	0.4	79
31	Analysis of the antigen-specific T cell response in reactive arthritis by flow cytometry. Arthritis and Rheumatism, 2000, 43, 2834-2842.	6.7	75
32	Multidirectional interactions are bridging human NK cells with plasmacytoid and monocyte-derived dendritic cells during innate immune responses. Blood, 2006, 108, 3851-3858.	0.6	69
33	Concerted Regulation of CD34 and CD105 Accompanies Mesenchymal Stromal Cell Derivation from Human Adventitial Stromal Cell. Stem Cells and Development, 2013, 22, 815-827.	1.1	67
34	ILâ€17â€producing CD4⁺ T cells contribute to the loss of Bâ€cell tolerance in experimental autoimmune myasthenia gravis. European Journal of Immunology, 2015, 45, 1339-1347.	1.6	64
35	The early cellular signatures of protective immunity induced by live viral vaccination. European Journal of Immunology, 2012, 42, 2363-2373.	1.6	62
36	Cytokine-induced human IFN-Î³â€“secreting effector-memory Th cells in chronic autoimmune inflammation. Blood, 2009, 113, 1948-1956.	0.6	58

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37	Identification and isolation of murine antigenâ€reactive T cells according to CD154 expression. European Journal of Immunology, 2007, 37, 2370-2377.	1.6	56
38	Plasma Cell-Like Morphology of Th1-Cytokine-Producing Cells Associated with the Loss of CD3 Expression. American Journal of Pathology, 2004, 164, 409-417.	1.9	53
39	Contribution of Individual Retinal Ganglion Cell Responses to Velocity and Acceleration Encoding. Journal of Neurophysiology, 2007, 98, 2285-2296.	0.9	53
40	Approaching clinical proteomics: Current state and future fields of application in cellular proteomics. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 816-832.	1.1	52
41	IL-10 Is Excluded from the Functional Cytokine Memory of Human CD4+ Memory T Lymphocytes. Journal of Immunology, 2007, 179, 2389-2396.	0.4	51
42	BK-VP3 as a New Target of Cellular Immunity in BK Virus Infection. Transplantation, 2011, 91, 100-107.	0.5	51
43	Dysfunction of PSA-specific CD8+ T cells in prostate cancer patients correlates with CD38 and Tim-3 expression. Cancer Immunology, Immunotherapy, 2015, 64, 1487-1494.	2.0	51
44	Novel Approach for Improved Assessment of Phenotypic and Functional Characteristics of BKV-Specific T-Cell Immunity. Transplantation, 2011, 92, 1269-1277.	0.5	46
45	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. Journal of Translational Medicine, 2013, 11, 188.	1.8	46
46	Synovial and Peripheral Blood CD4+FoxP3+ T Cells in Spondyloarthritis. Journal of Rheumatology, 2011, 38, 2445-2451.	1.0	44
47	Loss of methylation at the <scp>IFNG</scp> promoter and <scp>CNS</scp>â€1 is associated with the development of functional <scp>IFN</scp>â€Î³ memory in human <scp>CD</scp>4⁺<scp>T</scp> lymphocytes. European Journal of Immunology, 2013, 43, 793-804.	1.6	44
48	Effects of aging on human leukocytes (part I): immunophenotyping of innate immune cells. Age, 2015, 37, 92.	3.0	43
49	Use of HLA-B27 tetramers to identify low-frequency antigen-specific T cells in Chlamydia-triggered reactive arthritis. Arthritis Research, 2004, 6, R521.	2.0	39
50	Education of hyporesponsive NK cells by cytokines. European Journal of Immunology, 2009, 39, 2548-2555.	1.6	38
51	Rabbit antithymocyte globulin (Thymoglobulin(R)) impairs the thymic output of both conventional and regulatory CD4+ T cells after allogeneic hematopoietic stem cell transplantation in adult patients. Haematologica, 2013, 98, 23-30.	1.7	38
52	SLAMF7 and IL-6R define distinct cytotoxic versus helper memory CD8+ T cells. Nature Communications, 2020, 11, 6357.	5.8	38
53	Antigen-specific cytometryâ€"New tools arrived!. Clinical Immunology, 2004, 111, 155-161.	1.4	37
54	Complex Spike-Event Pattern of Transient on-off Retinal Ganglion Cells. Journal of Neurophysiology, 2006, 96, 2845-2856.	0.9	35

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55	Direct Assessment of Thymic Reactivation after Autologous Stem Cell Transplantation. Acta Haematologica, 2008, 119, 22-27.	0.7	34
56	Immunity against HIV/AIDS, Malaria, and Tuberculosis during Co-Infections with Neglected Infectious Diseases: Recommendations for the European Union Research Priorities. PLoS Neglected Tropical Diseases, 2008, 2, e255.	1.3	34
57	Substitution in Position 3 of Cyclosporin A Abolishes the Cyclophilin-mediated Gain-of-function Mechanism but Not Immunosuppression. Journal of Biological Chemistry, 2004, 279, 2470-2479.	1.6	33
58	The influence of different stimulation conditions on the assessment of antigenâ€induced CD154 expression on CD4⁺ T cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 1035-1042.	1.1	33
59	Effects of aging on human leukocytes (part II): immunophenotyping of adaptive immune B and T cell subsets. Age, 2015, 37, 93.	3.0	31
60	DNA methylation profiling of transcription factor genes in normal lymphocyte development and lymphomas. International Journal of Biochemistry and Cell Biology, 2007, 39, 1523-1538.	1.2	30
61	From transcriptome to cytome: Integrating cytometric profiling, multivariate cluster, and prediction analyses for a phenotypical classification of inflammatory diseases. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 333-340.	1.1	28
62	Wild immunology assessed by multidimensional mass cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 85-95.	1.1	27
63	The Role of Pre-existing Cross-Reactive Central Memory CD4 T-Cells in Vaccination With Previously Unseen Influenza Strains. Frontiers in Immunology, 2019, 10, 593.	2.2	27
64	MicroRNAâ€487aâ€3p functions as a new tumor suppressor in prostate cancer by targeting CCND1. Journal of Cellular Physiology, 2020, 235, 1588-1600.	2.0	27
65	Disturbed B cell subpopulations and increased plasma cells in myasthenia gravis patients. Journal of Neuroimmunology, 2013, 264, 114-119.	1.1	26
66	Modulation of systemic antigenâ€specific immune responses by oral antigen in humans. European Journal of Immunology, 2010, 40, 3128-3137.	1.6	24
67	<scp>IL</scp>â€12â€mediated <scp>STAT</scp>4 signaling and <scp>TCR</scp> signal strength cooperate in the induction of <scp>CD</scp>40<scp>L</scp> in human and mouse <scp>CD</scp>8⁺<scp>T</scp> cells. European Journal of Immunology, 2013, 43, 1511-1517.	1.6	24
68	Cohort profile: follow-up of a Berlin Aging Study II (BASE-II) subsample as part of the GendAge study. BMJ Open, 2021, 11, e045576.	0.8	24
69	Selective depletion of plasma cells in vivo based on the specificity of their secreted antibodies. European Journal of Immunology, 2020, 50, 284-291.	1.6	23
70	Simultaneous Cytometric Analysis of (Auto)antigen-Reactive T and B Cell Proliferation. Immunobiology, 2002, 206, 484-495.	0.8	22
71	Interferon-gamma negatively regulates Th17-mediated immunopathology during mouse hepatitis virus infection. Journal of Molecular Medicine, 2011, 89, 399-409.	1.7	22
72	Clonotype Analysis of Cytomegalovirus-Specific Cytotoxic T Lymphocytes. Journal of the American Society of Nephrology: JASN, 2009, 20, 344-352.	3.0	21

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73	Differential influenza H1N1-specific humoral and cellular response kinetics in kidney transplant patients. Medical Microbiology and Immunology, 2014, 203, 35-45.	2.6	21
74	Selection and depletion of plasma cells based on the specificity of the secreted antibody. European Journal of Immunology, 2015, 45, 317-319.	1.6	21
75	Impaired Peripheral Th1 CD4+ T Cell Response to Escherichia coli Proteins in Patients with Crohnâ€™s Disease and Ankylosing Spondylitis. Journal of Clinical Immunology, 2011, 31, 998-1009.	2.0	20
76	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. Arthritis and Rheumatism, 2013, 65, 1468-1476.	6.7	20
77	Hobit and human effector Tâ€cell differentiation: The beginning of a long journey. European Journal of Immunology, 2015, 45, 2762-2765.	1.6	20
78	SARS-CoV-2 mRNA vaccinations fail to elicit humoral and cellular immune responses in patients with multiple sclerosis receiving fingolimod. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 960-971.	0.9	20
79	CD31+ Naive Th Cells Are Stable during Six Months Following Kidney Transplantation: Implications for Post-transplant Thymic Function. American Journal of Transplantation, 2005, 5, 1764-1771.	2.6	19
80	Age dependent differences in the kinetics of Î³Î´ T cells after influenza vaccination. PLoS ONE, 2017, 12, e0181161.	1.1	19
81	Characterization of CD34+ Human Hemopoietic Progenitor Cells from the Peripheral Blood: Enzyme-, Carbohydrate- and Immunocytochemistry, Morphometry, and Ultrastructure. Leukemia and Lymphoma, 1995, 16, 483-492.	0.6	18
82	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. Journal of Immunology, 2018, 200, 3981-3992.	0.4	18
83	Siglec-1-positive plasmacytoid dendritic cells (pDCs) in human peripheral blood: A semi-mature and myeloid-like subset imbalanced during protective and autoimmune responses. Clinical Immunology, 2016, 163, 42-51.	1.4	16
84	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. Journal of Immunology, 2022, 208, 1001-1005.	0.4	16
85	Antigen-specific cytometry. Arthritis Research, 1999, 1, 25.	2.0	14
86	CD34+ Human Hemopoietic Progenitor Cells of the Bone Marrow Differ from Those of the Peripheral Blood: An Immunocytochemical and Morphometric Study. Acta Haematologica, 1995, 93, 83-90.	0.7	13
87	Relapse of systemic lupus erythematosus. Lancet, The, 2001, 357, 807-808.	6.3	13
88	Immune reconstitution. Best Practice and Research in Clinical Haematology, 2004, 17, 345-358.	0.7	13
89	CD40L expression by CD4⁺ but not CD8⁺ TÂcells regulates antiviral immune responses in acute LCMV infection in mice. European Journal of Immunology, 2016, 46, 2566-2573.	1.6	13
90	Staining of Chlamydia trachomatis elementary bodies: A suitable method for identifying infected human monocytes by flow cytometry. Journal of Microbiological Methods, 2007, 69, 116-121.	0.7	12

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91	Homologous high-throughput expression and purification of highly conserved E coli proteins. Microbial Cell Factories, 2007, 6, 18.	1.9	12
92	Highly Predictive Model for a Protective Immune Response to the A(H1N1)pdm2009 Influenza Strain after Seasonal Vaccination. PLoS ONE, 2016, 11, e0150812.	1.1	12
93	Development and resolution of secondary autoimmunity after autologous haematopoietic stem cell transplantation for systemic lupus erythematosus: competition of plasma cells for survival niches?. Annals of the Rheumatic Diseases, 2013, 72, 1102-1104.	0.5	10
94	Analysis of peripheral inflammatory T cell subsets and their effector function in patients with Birdshot Retinochoroiditis. Scientific Reports, 2021, 11, 8604.	1.6	10
95	Blockade of the costimulatory CD28â€B7 family signal axis enables repeated application of AAV8 gene vectors. Journal of Thrombosis and Haemostasis, 2020, 18, 1075-1080.	1.9	9
96	Identification of immunodominant CD4+ T cell epitopes in patients withYersinia-induced reactive arthritis by cytometric cytokine secretion assay. Arthritis and Rheumatism, 2006, 54, 3583-3590.	6.7	8
97	Cytotoxic Effects of Rabbit Anti-thymocyte Globulin Preparations on Primary Human Thymic Epithelial Cells. Transplantation, 2019, 103, 2234-2244.	0.5	5
98	High-dimensional single cell mass cytometry analysis of the murine hematopoietic system reveals signatures induced by ageing and physiological pathogen challenges. Immunity and Ageing, 2021, 18, 20.	1.8	5
99	Preexisting antigenâ€specific immune responses are modulated by oral KLH feeding in humans. European Journal of Immunology, 2015, 45, 1991-1996.	1.6	4
100	Requirement of immune system heterogeneity for protective immunity. Vaccine, 2015, 33, 5308-5312.	1.7	4
101	The H-Y Antigen in Embryonic Stem Cells Causes Rejection in Syngeneic Female Recipients. Stem Cells and Development, 2020, 29, 1179-1189.	1.1	4
102	Altered naive CD4+ T cell homeostasis in myasthenia gravis and thymoma patients. Journal of Neuroimmunology, 2019, 327, 10-14.	1.1	3
103	Rabbit antithymocyte globulin induces rapid expansion of effector memory CD8 T cells without accelerating acute graft versus host disease. Leukemia Research Reports, 2013, 2, 82-85.	0.2	2
104	Environmental Influences on the Immune System: The Aging Immune System. , 2016, , 55-76.		2
105	Comment on â€œHomeostasis of the Naive CD4+ T Cell Compartment during Agingâ€. Journal of Immunology, 2008, 180, 6437.1-6437.	0.4	1
106	NEW IMMUNOFLUORESCENCE IN FLOW CYTOMETRY AND SORTING: ISOLATION OF RARE CELLS, DETECTION OF RARE EPITOPES AND ANALYSIS OF SECRETION. Biology of the Cell, 1993, 79, 293-293.	0.7	0
107	Detection of antigen-specific lymphocytes/Detektion von Antigen-spezifischen Lymphozyten. Laboratoriums Medizin, 2004, 28, 299-306.	0.1	0