

Andreas Thiel

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.

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 | 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 |
| 107 | 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 |
| 106 | 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 |
| 105 | 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 |
| 104 | Cross-reactive CD4 T cells enhance SARS-CoV-2 immune responses upon infection and vaccination. <i>Science</i> , 2021 , 374, eabh1823 | 33.3 | 53 |
| 103 | SLAMF7 and IL-6R define distinct cytotoxic versus helper memory CD8 T cells. <i>Nature Communications</i> , 2020 , 11, 6357 | 17.4 | 8 |
| 102 | SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. <i>Nature</i> , 2020 , 587, 270-274 | 50.4 | 688 |
| 101 | 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 |
| 100 | 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 |
| 99 | 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 |
| 98 | 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 |
| 97 | Altered naive CD4 T cell homeostasis in myasthenia gravis and thymoma patients. <i>Journal of Neuroimmunology</i> , 2019 , 327, 10-14 | 3.5 | 2 |
| 96 | 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 |
| 95 | Cytotoxic Effects of Rabbit Anti-thymocyte Globulin Preparations on Primary Human Thymic Epithelial Cells. <i>Transplantation</i> , 2019 , 103, 2234-2244 | 1.8 | 4 |
| 94 | 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 |
| 93 | 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 |
| 92 | Age dependent differences in the kinetics of T cells after influenza vaccination. <i>PLoS ONE</i> , 2017 , 12, e0181161 | 3.7 | 14 |

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|----|---|-----|----|
| 91 | 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 |
| 90 | 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 |
| 89 | Environmental Influences on the Immune System: The Aging Immune System 2016 , 55-76 | | 1 |
| 88 | 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 |
| 87 | 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 |
| 86 | 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 |
| 85 | Requirement of immune system heterogeneity for protective immunity. <i>Vaccine</i> , 2015 , 33, 5308-12 | 4.1 | 2 |
| 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 | Effects of aging on human leukocytes (part I): immunophenotyping of innate immune cells. <i>Age</i> , 2015 , 37, 92 | | 31 |
| 82 | Effects of aging on human leukocytes (part II): immunophenotyping of adaptive immune B and T cell subsets. <i>Age</i> , 2015 , 37, 93 | | 27 |
| 81 | 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 |
| 80 | 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 |
| 79 | 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 |
| 78 | 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 |
| 77 | 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 |
| 76 | 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 |
| 75 | NK cells gain higher IFN- γ competence during terminal differentiation. <i>European Journal of Immunology</i> , 2014 , 44, 2074-84 | 6.1 | 59 |
| 74 | Disturbed B cell subpopulations and increased plasma cells in myasthenia gravis patients. <i>Journal of Neuroimmunology</i> , 2013 , 264, 114-9 | 3.5 | 17 |

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|----|---|-----|-----|
| 73 | 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 |
| 72 | 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 |
| 71 | 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 |
| 70 | 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 |
| 69 | 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 |
| 68 | 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 |
| 67 | 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 |
| 66 | 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 |
| 65 | CD40L expression permits CD8+ T cells to execute immunologic helper functions. <i>Blood</i> , 2013 , 122, 405-12 | | 61 |
| 64 | 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 |
| 63 | 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 |
| 62 | 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 |
| 61 | 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 |
| 60 | 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 |
| 59 | BK-VP3 as a new target of cellular immunity in BK virus infection. <i>Transplantation</i> , 2011 , 91, 100-7 | 1.8 | 46 |
| 58 | 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 |
| 57 | 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 |
| 56 | Synovial and peripheral blood CD4+FoxP3+ T cells in spondyloarthritis. <i>Journal of Rheumatology</i> , 2011 , 38, 2445-51 | 4.1 | 32 |

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|----|--|------|-----|
| 55 | 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 |
| 54 | 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 |
| 53 | CD62L expression identifies a unique subset of polyfunctional CD56dim NK cells. <i>Blood</i> , 2010 , 116, 1299-307 | 20.7 | 206 |
| 52 | 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 |
| 51 | 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 |
| 50 | 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 |
| 49 | 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 |
| 48 | Education of hyporesponsive NK cells by cytokines. <i>European Journal of Immunology</i> , 2009 , 39, 2548-55 | 6.1 | 35 |
| 47 | Cytokine-induced human IFN-gamma-secreting effector-memory Th cells in chronic autoimmune inflammation. <i>Blood</i> , 2009 , 113, 1948-56 | 2.2 | 48 |
| 46 | Life after the thymus: CD31+ and CD31- human naive CD4+ T-cell subsets. <i>Blood</i> , 2009 , 113, 769-74 | 2.2 | 236 |
| 45 | 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 |
| 44 | Direct assessment of thymic reactivation after autologous stem cell transplantation. <i>Acta Haematologica</i> , 2008 , 119, 22-7 | 2.7 | 26 |
| 43 | 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 |
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | Homologous high-throughput expression and purification of highly conserved E coli proteins. <i>Microbial Cell Factories</i> , 2007 , 6, 18 | 6.4 | 9 |
| 38 | 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 |

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|----|--|------|-----|
| 37 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | Contribution of individual retinal ganglion cell responses to velocity and acceleration encoding. <i>Journal of Neurophysiology</i> , 2007 , 98, 2285-96 | 3.2 | 50 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | Complex spike-event pattern of transient ON-OFF retinal ganglion cells. <i>Journal of Neurophysiology</i> , 2006 , 96, 2845-56 | 3.2 | 32 |
| 28 | 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 |
| 27 | CD31+ naive 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | Detection of antigen-specific lymphocytes/Detektion von Antigen-spezifischen Lymphozyten. <i>Laboratoriums Medizin</i> , 2004 , 28, 299-306 | | |
| 21 | The IkappaB kinase complex and NF-kappaB 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 |
| 20 | 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 |

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|----|--|------|-----|
| 19 | Stem cell transplantation for autoimmune disorders. Immune reconstitution. <i>Best Practice and Research in Clinical Haematology</i> , 2004 , 17, 345-58 | 4.2 | 11 |
| 18 | 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 |
| 17 | Antigen-specific cytometry--new tools arrived!. <i>Clinical Immunology</i> , 2004 , 111, 155-61 | 9 | 34 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | Simultaneous cytometric analysis of (auto)antigen-reactive T and B cell proliferation. <i>Immunobiology</i> , 2002 , 206, 484-95 | 3.4 | 20 |
| 12 | 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 |
| 11 | Relapse of systemic lupus erythematosus. <i>Lancet, The</i> , 2001 , 357, 807-8 | 40 | 12 |
| 10 | Analysis of the antigen-specific T cell response in reactive arthritis by flow cytometry. <i>Arthritis and Rheumatism</i> , 2000 , 43, 2834-42 | | 64 |
| 9 | 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 |
| 8 | Antigen-specific cytometry. <i>Arthritis Research</i> , 1999 , 1, 25-9 | | 14 |
| 7 | Immunomagnetic cell sorting--pushing the limits. <i>Immunotechnology: an International Journal of Immunological Engineering</i> , 1998 , 4, 89-96 | | 70 |
| 6 | Lifetime of plasma cells in the bone marrow. <i>Nature</i> , 1997 , 388, 133-4 | 50.4 | 659 |
| 5 | 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 |
| 4 | 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 |
| 3 | 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 |
| 2 | Presence of SARS-CoV-2-reactive T cells in COVID-19 patients and healthy donors | | 88 |

1 Cross-reactive CD4+ T cells enhance SARS-CoV-2 immune responses upon infection and vaccination

3