Alexander Scheffold

List of Publications by Year
in descending order

126	12,487	30551 56	30277 107
papers	citations	h-index	g-index

136	136	136	19229
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of A Disintegrin and Metalloproteinase (ADAM)-10 in T helper cell biology. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119192.	1.9	5
2	A Notch/STAT3-driven Blimp-1/c-Maf-dependent molecular switch induces IL-10 expression in human CD4+ T cells and is defective in CrohnÂ's disease patients. Mucosal Immunology, 2022, 15, 480-490.	2.7	15
3	A novel unconventional T cell population enriched in Crohnâ€™s disease. Gut, 2022, 71, 2194-2204.	6.1	22
4	Mycobacterium tuberculosis-specific CD4 T-cell scoring discriminates tuberculosis infection from disease. European Respiratory Journal, 2022, 60, 2101780.	3.1	4
5	Efficacy, T cell activation and antibody responses in accelerated Plasmodium falciparum sporozoite chemoprophylaxis vaccine regimens. Npj Vaccines, 2022, 7, .	2.9	3
6	Resolving SARS-CoV-2 CD4+ TÂcell specificity via reverse epitope discovery. Cell Reports Medicine, 2022, 3, 100697.	3.3	25
7	Nuclear antigenâ€“reactive CD4+ T cells expand in active systemic lupus erythematosus, produce effector cytokines, and invade the kidneys. Kidney International, 2021, 99, 238-246.	2.6	26
8	Decreased inflammatory cytokine production of antigen-specific CD4+ TÂcells in NMDA receptor encephalitis. Journal of Neurology, 2021, 268, 2123-2131.	1.8	11
9	Flow Cytometric Characterization of Human Antigen-Reactive T-Helper Cells. Methods in Molecular Biology, 2021, 2285, 141-152.	0.4	8
10	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). European Journal of Immunology, 2021, 51, 2708-3145.	1.6	198
11	Anti-fungal T cell responses in the lung and modulation by the gut-lung axis. Current Opinion in Microbiology, 2020, 56, 67-73.	2.3	11
12	Phenotyping of Adaptive Immune Responses in Inflammatory Diseases. Frontiers in Immunology, 2020, 11, 604464.	2.2	6
13	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. Immunity, 2020, 53, 1296-1314.e9.	6.6	278
14	Low-Avidity CD4+ T Cell Responses to SARS-CoV-2 in Unexposed Individuals and Humans with Severe COVID-19. Immunity, 2020, 53, 1258-1271.e5.	6.6	255
15	T cell immunity to commensal fungi. Current Opinion in Microbiology, 2020, 58, 116-123.	2.3	24
16	The domestic pig as humanâ€relevant large animal model to study adaptive antifungal immune responses against airborne Aspergillus fumigatus. European Journal of Immunology, 2020, 50, 1712-1728.	1.6	5
17	TCRs with segment TRAV9â€2 or a CDR3 histidine are overrepresented among nickelâ€specific CD4+ T cells. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2574-2586.	2.7	16
18	Regulatory cell therapy in kidney transplantation (The ONE Study): a harmonised design and analysis of seven non-randomised, single-arm, phase 1/2A trials. Lancet, The, 2020, 395, 1627-1639.	6.3	266

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19	T Cell Repertoire Dynamics during Pregnancy in Multiple Sclerosis. Cell Reports, 2019, 29, 810-815.e4.	2.9	17
20	Functions and regulation of T cell-derived interleukin-10. Seminars in Immunology, 2019, 44, 101344.	2.7	110
21	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
22	Mouldâ€reactive T cells for the diagnosis of invasive mould infectionâ€”A prospective study. Mycoses, 2019, 62, 562-569.	1.8	12
23	c-Maf-dependent Treg cell control of intestinal TH17 cells and IgA establishes hostâ€“microbiota homeostasis. Nature Immunology, 2019, 20, 471-481.	7.0	138
24	Human Anti-fungal Th17 Immunity and Pathology Rely on Cross-Reactivity against Candida albicans. Cell, 2019, 176, 1340-1355.e15.	13.5	321
25	T-cell Composition in Ileal and Colonic Creeping Fat â€“ Separating Ileal from Colonic Crohnâ€™s Disease. Journal of Crohn's and Colitis, 2019, 13, 79-91.	0.6	35
26	Fungus-Specific CD4 T Cells as Specific Sensors for Identification of Pulmonary Fungal Infections. Mycopathologia, 2018, 183, 213-226.	1.3	17
27	The effect of regulatory T cells on tolerance to airborne allergens and allergen immunotherapy. Journal of Allergy and Clinical Immunology, 2018, 142, 1697-1709.	1.5	40
28	Proteome Analysis Reveals the Conidial Surface Protein CcpA Essential for Virulence of the Pathogenic FungusAspergillus fumigatus. MBio, 2018, 9, .	1.8	53
29	Antigen-specific regulatory T-cell responses against aeroantigens and their role in allergy. Mucosal Immunology, 2018, 11, 1537-1550.	2.7	18
30	CD137+CD154â^' Expression As a Regulatory T Cell (Treg)-Specific Activation Signature for Identification and Sorting of Stable Human Tregs from In Vitro Expansion Cultures. Frontiers in Immunology, 2018, 9, 199.	2.2	55
31	Candida-Reactive T Cells for the Diagnosis of Invasive Candida Infectionâ€”A Prospective Pilot Study. Frontiers in Microbiology, 2018, 9, 1381.	1.5	15
32	Prospective study on clinical and immunological Aspergillus categorization in cystic fibrosis.. , 2018, , .		0
33	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	1.6	505
34	The Probiotic Compound VSL#3 Modulates Mucosal, Peripheral, and Systemic Immunity Following Murine Broad-Spectrum Antibiotic Treatment. Frontiers in Cellular and Infection Microbiology, 2017, 7, 167.	1.8	51
35	Immune Responses to Broad-Spectrum Antibiotic Treatment and Fecal Microbiota Transplantation in Mice. Frontiers in Immunology, 2017, 8, 397.	2.2	122
36	Good Manufacturing Practice-Compliant Production and Lot-Release of Ex Vivo Expanded Regulatory T Cells As Basis for Treatment of Patients with Autoimmune and Inflammatory Disorders. Frontiers in Immunology, 2017, 8, 1371.	2.2	20

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37	Fecal Microbiota Transplantation, Commensal Escherichia coli and Lactobacillus johnsonii Strains Differentially Restore Intestinal and Systemic Adaptive Immune Cell Populations Following Broad-spectrum Antibiotic Treatment. Frontiers in Microbiology, 2017, 8, 2430.	1.5	45
38	Immunoproteomics of Aspergillus for the development of biomarkers and immunotherapies. Proteomics - Clinical Applications, 2016, 10, 910-921.	0.8	22
39	Regulatory T Cell Specificity Directs Tolerance versus Allergy against Aeroantigens in Humans. Cell, 2016, 167, 1067-1078.e16.	13.5	253
40	Liver sinusoidal endothelial cells induce immunosuppressive ILâ€10â€producing Th1 cells via the Notch pathway. European Journal of Immunology, 2015, 45, 2008-2016.	1.6	42
41	5. Durchflusszytometrische Analysen zur Detektion antigenspezifischer T-Zellen. , 2015, , 82-99.		0
42	Chemokine Transfer by Liver Sinusoidal Endothelial Cells Contributes to the Recruitment of CD4+ T Cells into the Murine Liver. PLoS ONE, 2015, 10, e0123867.	1.1	25
43	New technologies for monitoring human antigen-specific T cells and regulatory T cells by flow-cytometry. Current Opinion in Pharmacology, 2015, 23, 17-24.	1.7	35
44	Fungus-Specific CD4⁺ T Cells for Rapid Identification of Invasive Pulmonary Mold Infection. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 348-352.	2.5	47
45	Monitoring regulatory T cells in clinical samples: consensus on an essential marker set and gating strategy for regulatory T cell analysis by flow cytometry. Cancer Immunology, Immunotherapy, 2015, 64, 1271-1286.	2.0	161
46	Clinical-scale isolation of the total Aspergillus fumigatusâ€"reactive Tâ€"helper cell repertoire for adoptive transfer. Cytotherapy, 2015, 17, 1396-1405.	0.3	30
47	miRâ€148a is upregulated by Twist1 and Tâ€bet and promotes Th1â€cell survival by regulating the proapoptotic gene Bim. European Journal of Immunology, 2015, 45, 1192-1205.	1.6	56
48	Timed Action of IL-27 Protects from Immunopathology while Preserving Defense in Influenza. PLoS Pathogens, 2014, 10, e1004110.	2.1	62
49	How can the latest technologies advance cell therapy manufacturing?. Current Opinion in Organ Transplantation, 2014, 19, 621-626.	0.8	5
50	Role of Blimp-1 in programing Th effector cells into IL-10 producers. Journal of Experimental Medicine, 2014, 211, 1807-1819.	4.2	161
51	Identification of Immunogenic Antigens from Aspergillus fumigatus by Direct Multiparameter Characterization of Specific Conventional and Regulatory CD4+ T Cells. Journal of Immunology, 2014, 193, 3332-3343.	0.4	58
52	Antigen-specific expansion of human regulatory T cells as a major tolerance mechanism against mucosal fungi. Mucosal Immunology, 2014, 7, 916-928.	2.7	110
53	Generation of aspergillus fumigatus-specific TH1 cells against invasive aspergillosis. Cytotherapy, 2014, 16, S104.	0.3	0
54	High-Sensitivity Immunofluorescence Staining: A Comparison of the Liposome Procedure and the FASER Technique on mGR Detection. Journal of Fluorescence, 2013, 23, 509-518.	1.3	8

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55	Clinical-scale selection and viral transduction of human naÃ¯ve and central memory CD8+ T cells for adoptive cell therapy of cancer patients. Cancer Immunology, Immunotherapy, 2013, 62, 1563-1573.	2.0	50
56	Flowâ€cytometric analysis of rare antigenâ€specific T cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83A, 692-701.	1.1	133
57	Fine Tuning and Efficient T Cell Activation with Stimulatory aCD3 Nanoarrays. Nano Letters, 2013, 13, 5090-5097.	4.5	102
58	Antigen-Reactive T Cell Enrichment for Direct, High-Resolution Analysis of the Human Naive and Memory Th Cell Repertoire. Journal of Immunology, 2013, 190, 3967-3976.	0.4	158
59	Mesenteric fatâ€"control site for bacterial translocation in colitis?. Mucosal Immunology, 2012, 5, 580-591.	2.7	65
60	Origin and functional activity of the membrane-bound glucocorticoid receptor. Arthritis and Rheumatism, 2011, 63, 3779-3788.	6.7	62
61	In vitroâ€induced Th17 cells fail to induce inflammation in vivo and show an impaired migration into inflamed sites. European Journal of Immunology, 2010, 40, 1089-1098.	1.6	17
62	Cutting Edge: Plasmacytoid Dendritic Cells Induce IL-10 Production in T Cells via the Delta-Like-4/Notch Axis. Journal of Immunology, 2010, 184, 550-554.	0.4	71
63	Competing feedback loops shape IL-2 signaling between helper and regulatory T lymphocytes in cellular microenvironments. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3058-3063.	3.3	243
64	Homeostatic imbalance of regulatory and effector T cells due to IL-2 deprivation amplifies murine lupus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 204-209.	3.3	180
65	Rapid detection, enrichment and propagation of specific T cell subsets based on cytokine secretion. Clinical and Experimental Immunology, 2010, 163, 1-10.	1.1	34
66	Exaggerated inflammatory response of primary human myeloid dendritic cells to lipopolysaccharide in patients with inflammatory bowel disease. Clinical and Experimental Immunology, 2009, 157, 423-436.	1.1	77
67	ILâ€2 induces in vivo suppression by CD4⁺CD25⁺Foxp3⁺ regulatory T cells. European Journal of Immunology, 2008, 38, 1643-1653.	1.6	96
68	<scp>H</scp>uman<scp> CD4</scp>^{<scp>+</scp>}<scp> T </scp>cells maintain specific functions even under conditions of extremely restricted<scp> ATP</scp> production. European Journal of Immunology, 2008, 38, 1631-1642.	1.6	40
69	siRNA stabilization prolongs gene knockdown in primary T lymphocytes. European Journal of Immunology, 2008, 38, 2616-2625.	1.6	65
70	Human immature myeloid dendritic cells trigger a TH2-polarizing program via Jagged-1/Notch interaction. Journal of Allergy and Clinical Immunology, 2008, 121, 1000-1005.e8.	1.5	66
71	Autoregulation of Th1-mediated inflammation by twist1 . Journal of Experimental Medicine, 2008, 205, 1889-1901.	4.2	96
72	Functional Analysis of Effector and Regulatory T Cells in a Parasitic Nematode Infection. Infection and Immunity, 2008, 76, 1908-1919.	1.0	110

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73	Notch regulates IL-10 production by T helper 1 cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3497-3502.	3.3	136
74	Detection of Antigen-Specific T-Cells using Major Histocompatibility Complex Multimers or Functional Parameters. , 2008, , 476-502.		1
75	Identification and isolation of murine antigenâ€reactive T cells according to CD154 expression. European Journal of Immunology, 2007, 37, 2370-2377.	1.6	56
76	Competition for cytokines: Treg cells take all. Nature Immunology, 2007, 8, 1285-1287.	7.0	82
77	The Monoclonal Antibody W7C5 Defines a Novel Surface Antigen on Hematopoietic Stem Cells. Annals of the New York Academy of Sciences, 2006, 938, 175-183.	1.8	12
78	Membrane glucocorticoid receptors are down regulated by glucocorticoids in patients with systemic lupus erythematosus and use a caveolin-1-independent expression pathway. Annals of the Rheumatic Diseases, 2006, 65, 1139-1146.	0.5	41
79	Membrane glucocorticoid receptors (mGCR) on monocytes are up-regulated after vaccination. Rheumatology, 2006, 46, 364-365.	0.9	8
80	Membrane glucocorticoid receptor expression on peripheral blood mononuclear cells in patients with ankylosing spondylitis. Journal of Rheumatology, 2006, 33, 2249-53.	1.0	13
81	Migration matters: regulatory T-cell compartmentalization determines suppressive activity in vivo. Blood, 2005, 106, 3097-3104.	0.6	225
82	Design of siRNAs producing unstructured guide-RNAs results in improved RNA interference efficiency. Nature Biotechnology, 2005, 23, 1440-1444.	9.4	129
83	Direct access to CD4+ T cells specific for defined antigens according to CD154 expression. Nature Medicine, 2005, 11, 1118-1124.	15.2	436
84	Regulation of CD4+CD25+regulatory T cell activity: it takes (IL-)two to tango. European Journal of Immunology, 2005, 35, 1336-1341.	1.6	152
85	Notch ligands Delta-like1, Delta-like4 and Jagged1 differentially regulate activation of peripheral T helper cells. European Journal of Immunology, 2005, 35, 2443-2451.	1.6	97
86	T-Cell Receptor Transgenic Models of Inflammatory Disorders: Relevance for Atopic Dermatitis?. , 2005, , 175-191.		0
87	Patients with active inflammatory bowel disease lack immature peripheral blood plasmacytoid and myeloid dendritic cells. Gut, 2005, 54, 228-236.	6.1	108
88	CD14+CD34lowCells With Stem Cell Phenotypic and Functional Features Are the Major Source of Circulating Endothelial Progenitors. Circulation Research, 2005, 97, 314-322.	2.0	245
89	The role of regulatory T cells in antigen-induced arthritis: aggravation of arthritis after depletion and amelioration after transfer of CD4+CD25+ T cells. Arthritis Research, 2005, 7, R291.	2.0	116
90	Adenovirus Capsid Hexon Is the Main Target Protein of Adenovirus-Specific CD4+ T-Cells: Fundamentals for Targeting Adenovirus by Adoptive Immunotherapy.. Blood, 2005, 106, 3034-3034.	0.6	0

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91	Developmental Stage, Phenotype, and Migration Distinguish Naive- and Effector/Memory-like CD4+ Regulatory T Cells. Journal of Experimental Medicine, 2004, 199, 303-313.	4.2	565
92	Membrane glucocorticoid receptors (mGCR) are expressed in normal human peripheral blood mononuclear cells and upâ€regulated after in vitro stimulation and in patients with rheumatoid arthritis. FASEB Journal, 2004, 18, 70-80.	0.2	183
93	Detection of antigen-specific lymphocytes/Detektion von Antigen-spezifischen Lymphozyten. Laboratoriums Medizin, 2004, 28, 299-306.	0.1	0
94	Interleukin-2 is essential for CD4+CD25+ regulatory T cell function. European Journal of Immunology, 2004, 34, 2480-2488.	1.6	466
95	Towards in vivo application of RNA interference - new toys, old problems. Arthritis Research, 2004, 6, 78.	2.0	20
96	Antigen-specific cytometryâ€"New tools arrived!. Clinical Immunology, 2004, 111, 155-161.	1.4	37
97	Single-cell analysis of the murine chemokines MIP-1Î±, MIP-1Î², RANTES and ATAC/lymphotactin by flow cytometry. Journal of Immunological Methods, 2003, 274, 83-91.	0.6	30
98	Sensitive visualization of peptide presentation in vitro and ex vivo. Cytometry, 2003, 54A, 19-26.	1.8	3
99	Visualization of peptide presentation following oral application of antigen in normal and Peyer's patches-deficient mice. European Journal of Immunology, 2003, 33, 1292-1301.	1.6	73
100	Regulatory T cells in experimental arthritis. Arthritis Research, 2003, 5, 128.	2.0	0
101	Critical Role of Preconceptional Immunization for Protective and Nonpathological Specific Immunity in Murine Neonates. Journal of Immunology, 2003, 171, 3485-3492.	0.4	95
102	MIP-1Â, MIP-1Â, RANTES, and ATAC/lymphotactin function together with IFN-Â as type 1 cytokines. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6181-6186.	3.3	275
103	Phenotyping and separation of leukocyte populations based on affinity labelling. Methods in Microbiology, 2002, 32, 23-58.	0.4	6
104	Cytometric cytokine secretion assay: Detection and isolation of cytokine-secreting T cells. Methods in Microbiology, 2002, , 59-75.	0.4	0
105	Expression of the integrin ÂEÂ7 identifies unique subsets of CD25+ as well as CD25- regulatory T cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13031-13036.	3.3	438
106	Differential surrogate light chain expression governs B-cell differentiation. Blood, 2002, 99, 2459-2467.	0.6	38
107	Rapid glucocorticoid effects on immune cells. Steroids, 2002, 67, 529-534.	0.8	254
108	Differential surrogate light chain expression governs B-cell differentiation. Blood, 2002, 99, 2459-2467.	0.6	37

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109	How ÂÂ T cells deal with induced TCRÂ ablation. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 8744-8749.	3.3	205
110	Allergic Sensitization and Allergen Exposure during Pregnancy Favor the Development of Atopy in the Neonate. International Archives of Allergy and Immunology, 2001, 124, 193-196.	0.9	43
111	Transfer of IFNÎ³-depleted CD4+ T cells together with CD8+ T cells leads to rejection of murine kidney sarcoma in mice. International Journal of Cancer, 2000, 87, 673-679.	2.3	8
112	Impact ofin utero Th2 immunity on T cell deviation and subsequent immediate-type hypersensitivity in the neonate. European Journal of Immunology, 2000, 30, 714-718.	1.6	46
113	High-sensitivity immunofluorescence for detection of the pro- and anti-inflammatory cytokines gamma interferon and interleukin-10 on the surface of cytokine-secreting cells. Nature Medicine, 2000, 6, 107-110.	15.2	74
114	Recent developments in flow cytometry. Journal of Clinical Immunology, 2000, 20, 400-407.	2.0	14
115	Prenatal Sensitization in a Mouse Model. American Journal of Respiratory and Critical Care Medicine, 2000, 162, S62-S65.	2.5	37
116	Cytometry of Rare Surface Molecules by Magnetofluorescent Liposomes. , 2000, , 77-81.		0
117	Expression of Novel Surface Antigens on Early Hematopoietic Cellsa. Annals of the New York Academy of Sciences, 1999, 872, 25-39.	1.8	60
118	Enzymatic signal amplification for sensitive detection of intracellular antigens by flow cytometry. Journal of Immunological Methods, 1999, 230, 113-120.	0.6	12
119	Threshold of pre-T-cell-receptor surface expression is associated with Î±Î² T-cell lineage commitment. Current Biology, 1999, 9, 559-568.	1.8	28
120	T-cell epitope mapping by flow cytometry. Nature Medicine, 1998, 4, 975-978.	15.2	273
121	Sequential production of IL-2, IFN-Î³ and IL-10 by individual staphylococcal enterotoxin B-activated T helper lymphocytes. European Journal of Immunology, 1998, 28, 1534-1543.	1.6	101
122	Immunomagnetic cell sortingâ€"pushing the limits. Immunotechnology: an International Journal of Immunological Engineering, 1998, 4, 89-96.	2.4	79
123	P- and E-selectin mediate recruitment of T-helper-1 but not T-helper-2 cells into inflamed tissues. Nature, 1997, 385, 81-83.	13.7	714
124	Specific expression of surface interferon-Î³ on interferon-Î³ producing T cells from mouse and man. European Journal of Immunology, 1996, 26, 263-267.	1.6	67
125	Fluorescence-activated cytometry cell sorting based on immunological recognition. Clinical Biochemistry, 1995, 28, 39-40.	0.8	12
126	Magnetofluorescent liposomes for increased sensitivity of immunofluorescence. Immunotechnology: an International Journal of Immunological Engineering, 1995, 1, 127-137.	2.4	60