Immo Prinz

List of Publications by Year in Descending Order

133 papers	6,085 citations	39 h-index	76 g-index
155 ext. papers	7,949 ext. citations	9.3 avg, IF	5.7 L-index

#	Paper	IF	Citations
133	Interleukin-17 is disease promoting in early stages and protective in late stages of experimental periodontitis.. *PLoS ONE*, **2022**, 17, e0265486	3.7	1
132	Three Layers of Intestinal T Cells Talk Different Languages With the Microbiota.. *Frontiers in Immunology*, **2022**, 13, 849954	8.4	1
131	New insights on murine T cells from single-cell multi-omics. *Science Bulletin*, **2022**, 67, 1102-1102	10.6	0
130	T cells license immature B cells to produce a broad range of polyreactive antibodies. *Cell Reports* , **2022**, 39, 110854	10.6	1
129	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition).. *European Journal of Immunology*, **2021**, 51, 2708-3145	6.1	12
128	IL-4-Producing V1/V6 T Cells Sustain Germinal Center Reactions in Peyer's Patches of Mice. *Frontiers in Immunology*, **2021**, 12, 729607	8.4	2
127	Interleukin-10 improves stroke outcome by controlling the detrimental Interleukin-17A response. *Journal of Neuroinflammation*, **2021**, 18, 265	10.1	4
126	NKG2A expression identifies a subset of human V2 T cells exerting the highest antitumor effector functions. *Cell Reports*, **2021**, 37, 109871	10.6	2
125	T Cells Differentially Regulate Bone Loss in Periodontitis Models. *Journal of Dental Research*, **2021**, 220345211042830	8.1	2
124	A fetal wave of human type 3 effector cells with restricted TCR diversity persists into adulthood. *Science Immunology*, **2021**, 6,	28	8
123	Enhanced differentiation of functional human T cells in NSGW41 mice with tissue-specific expression of human interleukin-7. *Leukemia*, **2021**, 35, 3561-3567	10.7	1
122	Distribution of major lymphocyte subsets and memory T-cell subpopulations in healthy adults employing GLP-conforming multicolor flow cytometry. *Leukemia*, **2021**, 35, 3021-3025	10.7	1
121	Microbiota-dependent expansion of testicular IL-17-producing V6 T cells upon puberty promotes local tissue immune surveillance. *Mucosal Immunology*, **2021**, 14, 242-252	9.2	8
120	Peritoneal dialysate-range hypertonic glucose promotes T-cell IL-17 production that induces mesothelial inflammation. *European Journal of Immunology*, **2021**, 51, 354-367	6.1	3
119	Maturation of the neonatal oral mucosa involves unique epithelium-microbiota interactions. *Cell Host and Microbe*, **2021**, 29, 197-209.e5	23.4	11
118	IL-17 controls central nervous system autoimmunity through the intestinal microbiome. *Science Immunology*, **2021**, 6,	28	26
117	Influenza A virus-induced thymus atrophy differentially affects dynamics of conventional and regulatory T-cell development in mice. *European Journal of Immunology*, **2021**, 51, 1166-1181	6.1	2

116	Interleukin-23 instructs protective multifunctional CD4 T cell responses after immunization with the Mycobacterium tuberculosis subunit vaccine H1 DDA/TDB independently of interleukin-17A. *Journal of Molecular Medicine*, **2021**, 99, 1585-1602	5.5	1
115	T cells replacing dermal and epidermal T cells in Tcrd mice express an MHC-independent TCR repertoire. *European Journal of Immunology*, **2021**, 51, 2618-2632	6.1	0
114	Lack of gamma delta T cells ameliorates inflammatory response after acute intestinal ischemia reperfusion in mice. *Scientific Reports*, **2021**, 11, 18628	4.9	2
113	Clonal expansion of CD8+ T cells reflects graft-versus-leukemia activity and precedes durable remission following DLI. *Blood Advances*, **2021**, 5, 4485-4499	7.8	0
112	Cells Are Essential for Orthodontic Tooth Movement. *Journal of Dental Research*, **2021**, 100, 731-738	8.1	6
111	IL-17 regulates DC migration to the peribronchial LNs and allergen presentation in experimental allergic asthma. *European Journal of Immunology*, **2020**, 50, 1019-1033	6.1	8
110	Revisiting the Interaction of T-Cells and B-Cells. *Cells*, **2020**, 9,	7.9	13
109	Regulatory T Cells Limit Pneumococcus-Induced Exacerbation of Lung Fibrosis in Mice. *Journal of Immunology*, **2020**, 204, 2429-2438	5.3	7
108	PD-L1 Checkpoint Inhibition Narrows the Antigen-Specific T Cell Receptor Repertoire in Chronic Lymphocytic Choriomeningitis Virus Infection. *Journal of Virology*, **2020**, 94,	6.6	2
107	Development and Function of Cells in the Oral Mucosa. *Journal of Dental Research*, **2020**, 99, 498-505	8.1	6
106	TCR repertoire analysis reveals phosphoantigen-induced polyclonal proliferation of V9V2 T cells in neonates and adults. *Journal of Leukocyte Biology*, **2020**, 107, 1023-1032	6.5	10
105	T-cell Receptors Derived from Breast Cancer-Infiltrating T Lymphocytes Mediate Antitumor Reactivity. *Cancer Immunology Research*, **2020**, 8, 530-543	12.5	18
104	Translating gammadelta ( )T cells and their receptors into cancer cell therapies. *Nature Reviews Drug Discovery*, **2020**, 19, 169-184	64.1	130
103	Interleukin-17 cytokines: Effectors and targets in psoriasis-A breakthrough in understanding and treatment. *Journal of Experimental Medicine*, **2020**, 217,	16.6	30
102	Microbial exposure drives polyclonal expansion of innate T cells immediately after birth. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 18649-18660	11.5	19
101	Reappearance of effector T cells is associated with recovery from COVID-19. *EBioMedicine*, **2020**, 57, 102885	8.8	65
100	From basic research to clinical application of T cells. *Immunological Reviews*, **2020**, 298, 5-9	11.3	0
99	Ligand recognition by the TCR and discrimination between homeostasis and stress conditions. *Cellular and Molecular Immunology*, **2020**, 17, 914-924	15.4	24

98	Synthetic retinoid AM80 inhibits IL-17 production of gamma delta T cells and ameliorates biliary atresia in mice. *Liver International*, **2020**, 40, 3031-3041	7.9	3
97	Donor-derived IL-17A and IL-17F deficiency triggers Th1 allo-responses and increases gut leakage during acute GVHD. *PLoS ONE*, **2020**, 15, e0231222	3.7	
96	Human TCR Repertoires in Health and Disease. *Cells*, **2020**, 9,	7.9	33
95	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). *European Journal of Immunology*, **2019**, 49, 1457-1973	6.1	485
94	Hepatitis E Virus (HEV)-Specific T Cell Receptor Cross-Recognition: Implications for Immunotherapy. *Frontiers in Immunology*, **2019**, 10, 2076	8.4	5
93	Mutual interplay between IL-17-producing cells and microbiota orchestrates oral mucosal homeostasis. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 2652-2661	11.5	41
92	Single-Cell Transcriptomics Identifies the Adaptation of Scart1 V T Cells to Skin Residency as Activated Effector Cells. *Cell Reports*, **2019**, 27, 3657-3671.e4	10.6	33
91	Focusing of the regulatory T-cell repertoire after allogeneic stem cell transplantation indicates protection from graft--host disease. *Haematologica*, **2019**, 104, e577-e580	6.6	1
90	Broad Cytotoxic Targeting of Acute Myeloid Leukemia by Polyclonal Delta One T Cells. *Cancer Immunology Research*, **2019**, 7, 552-558	12.5	33
89	The Skin Commensal Yeast Malassezia Triggers a Type 17 Response that Coordinates Anti-fungal Immunity and Exacerbates Skin Inflammation. *Cell Host and Microbe*, **2019**, 25, 389-403.e6	23.4	76
88	Robust Identification of Suitable T-Cell Subsets for Personalized CMV-Specific T-Cell Immunotherapy Using CD45RA and CD62L Microbeads. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	6
87	miR-181a/b-1 controls thymic selection of Treg cells and tunes their suppressive capacity. *PLoS Biology*, **2019**, 17, e2006716	9.7	16
86	Dangerous T cells in aged mice. *EMBO Reports*, **2019**, 20, e48678	6.5	5
85	NKp46-expressing human gut-resident intraepithelial V T cell subpopulation exhibits high antitumor activity against colorectal cancer. *JCI Insight*, **2019**, 4,	9.9	33
84	Styk1 is specifically expressed in NK1.1 lymphocytes including NK, T, and iNKT cells in mice, but is dispensable for their ontogeny and function. *European Journal of Immunology*, **2019**, 49, 686-693	6.1	1
83	Germ Line Deletion Reveals a Nonessential Role of Atypical Mitogen-Activated Protein Kinase 6/Extracellular Signal-Regulated Kinase 3. *Molecular and Cellular Biology*, **2019**, 39,	4.8	3
82	Peptide-specific recognition of human cytomegalovirus strains controls adaptive natural killer cells. *Nature Immunology*, **2018**, 19, 453-463	19.1	180
81	The neonatal window of opportunity-early priming for life. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1212-1214	11.5	56

80	Pathogenic T17 inflammation is sustained in the lungs by conventional dendritic cells and Toll-like receptor 4 signaling. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1229-1242.e6	11.5	7
79	IL-17-Mediated Immunity Controls Skin Infection and T Helper 1 Response during Experimental Microsporum canis Dermatophytosis. *Journal of Investigative Dermatology*, **2018**, 138, 1744-1753	4.3	25
78	Human T Cell Receptor Repertoires in Peripheral Blood Remain Stable Despite Clearance of Persistent Hepatitis C Virus Infection by Direct-Acting Antiviral Drug Therapy. *Frontiers in Immunology*, **2018**, 9, 510	8.4	17
77	Whodunit? The Contribution of Interleukin (IL)-17/IL-22-Producing T Cells, T Cells, and Innate Lymphoid Cells to the Pathogenesis of Spondyloarthritis. *Frontiers in Immunology*, **2018**, 9, 885	8.4	19
76	Dissecting Epstein-Barr Virus-Specific T-Cell Responses After Allogeneic EBV-Specific T-Cell Transfer for Central Nervous System Posttransplant Lymphoproliferative Disease. *Frontiers in Immunology*, **2018**, 9, 1475	8.4	9
75	BCL11B mutations in patients affected by a neurodevelopmental disorder with reduced type 2 innate lymphoid cells. *Brain*, **2018**, 141, 2299-2311	11.2	36
74	T Regulatory Cell Receptor Repertoire Focusing and Clonal Expansion Indicates Control of Acute GvHD after Donor Lymphocyte Infusion. *Blood*, **2018**, 132, 822-822	2.2	
73	Focused Regulatory T Cell Repertoires Are Indicative of Successful GvHD Control in Experimental and Clinical Stem Cell Transplantation. *Blood*, **2018**, 132, 2029-2029	2.2	
72	Innately versatile: 17 T cells in inflammatory and autoimmune diseases. *Journal of Autoimmunity*, **2018**, 87, 26-37	15.5	62
71	Genetic models reveal origin, persistence and non-redundant functions of IL-17-producing T cells. *Journal of Experimental Medicine*, **2018**, 215, 3006-3018	16.6	61
70	Reply. *Arthritis and Rheumatology*, **2017**, 69, 1339-1341	9.5	1
69	Human T cells are quickly reconstituted after stem-cell transplantation and show adaptive clonal expansion in response to viral infection. *Nature Immunology*, **2017**, 18, 393-401	19.1	146
68	Eomes expression reports the progressive differentiation of IFN- producing Th1-like T cells. *European Journal of Immunology*, **2017**, 47, 970-981	6.1	16
67	Impact of CCR7 on T-Cell Response and Susceptibility to Yersinia pseudotuberculosis Infection. *Journal of Infectious Diseases*, **2017**, 216, 752-760	7	4
66	CCR6 (CC Chemokine Receptor 6) Is Essential for the Migration of Detrimental Natural Interleukin-17-Producing T Cells in Stroke. *Stroke*, **2017**, 48, 1957-1965	6.7	36
65	Neutrophilic NLRP3 inflammasome-dependent IL-1 secretion regulates the 17 cell response in respiratory bacterial infections. *Mucosal Immunology*, **2017**, 10, 1056-1068	9.2	27
64	The Microbiome Activates CD4 T-cell-mediated Immunity to Compensate for Increased Intestinal Permeability. *Cellular and Molecular Gastroenterology and Hepatology*, **2017**, 4, 285-297	7.9	31
63	Prevention of colitis-associated cancer by selective targeting of immunoproteasome subunit LMP7. *Oncotarget*, **2017**, 8, 50447-50459	3.3	31

62	IL-17 and TNF-□Are Key Mediators of Triggered Exacerbation of Allergic Airway Inflammation. *Frontiers in Immunology*, **2017**, 8, 1562	8.4	33
61	Foxp3(+) T cells expressing RORγ represent a stable regulatory T-cell effector lineage with enhanced suppressive capacity during intestinal inflammation. *Mucosal Immunology*, **2016**, 9, 444-57	9.2	211
60	Interleukin 17, Produced by γδ T Cells, Contributes to Hepatic Inflammation in a Mouse Model of Biliary Atresia and Is Increased in Livers of Patients. *Gastroenterology*, **2016**, 150, 229-241.e5	13.3	44
59	TCR Diversity Is a Predictive Marker for Donor Lymphocyte Infusion Response. *Blood*, **2016**, 128, 4605-4605	22	2
58	IL-17 is not essential for inflammation and chronic pelvic pain development in an experimental model of chronic prostatitis/chronic pelvic pain syndrome. *Pain*, **2016**, 157, 585-597	8	19
57	Brief Report: Arthritis in KRN T Cell Receptor-Transgenic Mice Does Not Require Interleukin-17 or Th17 Cells. *Arthritis and Rheumatology*, **2016**, 68, 1849-55	9.5	7
56	Disruption of de novo fatty acid synthesis via acetyl-CoA carboxylase 1 inhibition prevents acute graft-versus-host disease. *European Journal of Immunology*, **2016**, 46, 2233-8	6.1	32
55	Interleukin-23-Dependent γδT Cells Produce Interleukin-17 and Accumulate in the Enthesis, Aortic Valve, and Ciliary Body in Mice. *Arthritis and Rheumatology*, **2016**, 68, 2476-86	9.5	132
54	Testosterone suppresses hepatic inflammation by the downregulation of IL-17, CXCL-9, and CXCL-10 in a mouse model of experimental acute cholangitis. *Journal of Immunology*, **2015**, 194, 2522-30	5.3	38
53	Multicongenic fate mapping quantification of dynamics of thymus colonization. *Journal of Experimental Medicine*, **2015**, 212, 1589-601	16.6	17
52	γδT cells come to stay: Innate skin memory in the Aldara model. *European Journal of Immunology*, **2015**, 45, 2994-7	6.1	4
51	Neutralization of interleukin-17 produced by gamma delta T cells constrains inflammation in experimental biliary atresia. *Molecular and Cellular Pediatrics*, **2015**, 2, A21	3.3	78
50	MicroRNA-181a/b-1 Is Not Required for Innate γδNKT Effector Cell Development. *PLoS ONE*, **2015**, 10, e0145010	3.7	20
49	A clonotypic Vγ4Jγ1/Vδ5Dδ2Jδ1 innate γδT-cell population restricted to the CCR6+CD27? subset. *Nature Communications*, **2015**, 6, 6477	17.4	30
48	Limited niche availability suppresses murine intrathymic dendritic-cell development from noncommitted progenitors. *Blood*, **2015**, 125, 457-64	2.2	12
47	IL-17-induced CXCL12 recruits B cells and induces follicle formation in BALT in the absence of differentiated FDCs. *Journal of Experimental Medicine*, **2014**, 211, 643-51	16.6	127
46	Induced and thymus-derived Foxp3+ regulatory T cells share a common niche. *European Journal of Immunology*, **2014**, 44, 460-8	6.1	19
45	γδT cell subsets play opposing roles in regulating experimental autoimmune encephalomyelitis. *Cellular Immunology*, **2014**, 290, 39-51	4.4	49

44	T-bet and Eomes instruct the development of two distinct natural killer cell lineages in the liver and in the bone marrow. *Journal of Experimental Medicine*, **2014**, 211, 563-77	16.6	368
43	Visualization and quantification of monoallelic TCR gene rearrangement in T cells. *Immunology and Cell Biology*, **2014**, 92, 409-16	5	2
42	Chemokine receptor CCR6-dependent accumulation of T cells in injured liver restricts hepatic inflammation and fibrosis. *Hepatology*, **2014**, 59, 630-42	11.2	107
41	CCR7-mediated migration in the thymus controls T-cell development. *European Journal of Immunology*, **2014**, 44, 1320-9	6.1	20
40	Ontogeny of Innate T Lymphocytes - Some Innate Lymphocytes are More Innate than Others. *Frontiers in Immunology*, **2014**, 5, 486	8.4	55
39	Functional development of T cells. *European Journal of Immunology*, **2013**, 43, 1988-94	6.1	126
38	Donor V1+ T cells expand after allogeneic hematopoietic stem cell transplantation and show reactivity against CMV-infected cells but not against progressing B-CLL. *Experimental Hematology and Oncology*, **2013**, 2, 14	7.8	11
37	The natural and the inducible: interleukin (IL)-17-producing T cells. *Trends in Immunology*, **2013**, 34, 151-4	14.4	97
36	Critical role for miR-181a/b-1 in agonist selection of invariant natural killer T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 7407-12	11.5	80
35	Differential postselection proliferation dynamics of T cells, Foxp3+ regulatory T cells, and invariant NKT cells monitored by genetic pulse labeling. *Journal of Immunology*, **2013**, 191, 2384-92	5.3	20
34	Deficient CCR7 signaling promotes TH2 polarization and B-cell activation in vivo. *European Journal of Immunology*, **2012**, 42, 48-57	6.1	16
33	Neutralization of the IL-17 axis diminishes neutrophil invasion and protects from ischemic stroke. *Blood*, **2012**, 120, 3793-802	2.2	277
32	IL-17A production by renal T cells promotes kidney injury in crescentic GN. *Journal of the American Society of Nephrology: JASN*, **2012**, 23, 1486-95	12.7	69
31	Development of interleukin-17-producing T cells is restricted to a functional embryonic wave. *Immunity*, **2012**, 37, 48-59	32.3	226
30	Dynamic migration of intraepithelial lymphocytes requires occludin. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 7097-102	11.5	106
29	Therapeutic potential of induced and natural FoxP3(+) regulatory T cells for the treatment of Graft-versus-host disease. *Archivum Immunologiae Et Therapiae Experimentalis*, **2012**, 60, 183-90	4	11
28	Age, microbiota, and T cells shape diverse individual IgA repertoires in the intestine. *Journal of Experimental Medicine*, **2012**, 209, 365-77	16.6	162
27	IFN- production by allogeneic Foxp3+ regulatory T cells is essential for preventing experimental graft-versus-host disease. *Journal of Immunology*, **2012**, 189, 2890-6	5.3	89

26	γδT cells are not alone. *Immunology and Cell Biology*, **2012**, 90, 370-1	5	1
25	Shift of graft-versus-host-disease target organ tropism by dietary vitamin A. *PLoS ONE*, **2012**, 7, e38252	3.7	20
24	Dynamics of the interaction of γδT cells with their neighbors in vivo. *Cellular and Molecular Life Sciences*, **2011**, 68, 2391-8	10.3	8
23	High TCR diversity ensures optimal function and homeostasis of Foxp3+ regulatory T cells. *European Journal of Immunology*, **2011**, 41, 3101-13	6.1	71
22	Commensal gut flora reduces susceptibility to experimentally induced colitis via T-cell-derived interleukin-10. *Inflammatory Bowel Diseases*, **2011**, 17, 2038-46	4.5	39
21	Genetic labeling reveals altered turnover and stability of innate lymphocytes in latent mouse cytomegalovirus infection. *Journal of Immunology*, **2011**, 186, 2918-25	5.3	4
20	Induction of BALT in the absence of IL-17. *Nature Immunology*, **2011**, 13, 1; author reply 2	19.1	30
19	Expression of miRNAs miR-133b and miR-206 in the Il17a/f locus is co-regulated with IL-17 production in γδ and γδT cells. *PLoS ONE*, **2011**, 6, e20171	3.7	42
18	Intra- and intercompartmental movement of gammadelta T cells: intestinal intraepithelial and peripheral gammadelta T cells represent exclusive nonoverlapping populations with distinct migration characteristics. *Journal of Immunology*, **2010**, 185, 5160-8	5.3	68
17	γδT cells enhance autoimmunity by restraining regulatory T cell responses via an interleukin-23-dependent mechanism. *Immunity*, **2010**, 33, 351-63	32.3	209
16	Constant TCR triggering suggests that the TCR expressed on intestinal intraepithelial γδT cells is functional in vivo. *European Journal of Immunology*, **2010**, 40, 3378-88	6.1	19
15	In vivo application of mAb directed against the gammadelta TCR does not deplete but generates "invisible" gammadelta T cells. *European Journal of Immunology*, **2009**, 39, 372-9	6.1	70
14	Alloantigen-specific de novo-induced Foxp3+ Treg revert in vivo and do not protect from experimental GVHD. *European Journal of Immunology*, **2009**, 39, 3091-6	6.1	112
13	CCR6 and NK1.1 distinguish between IL-17A and IFN-gamma-producing gammadelta effector T cells. *European Journal of Immunology*, **2009**, 39, 3488-97	6.1	203
12	In vivo reinsertion of excised episomes by the V(D)J recombinase: a potential threat to genomic stability. *PLoS Biology*, **2007**, 5, e43	9.7	29
11	Germ-line and rearranged Tcrd transcription distinguish bona fide NK cells and NK-like gammadelta T cells. *European Journal of Immunology*, **2007**, 37, 1442-52	6.1	65
10	Visualization of the earliest steps of gammadelta T cell development in the adult thymus. *Nature Immunology*, **2006**, 7, 995-1003	19.1	146
9	Autistic effector T cells in mice with a point mutation in the LAT adaptor fail to respond to Listeria monocytogenes infection. *International Immunology*, **2005**, 17, 951-7	4.9	2

8	The type 1 cysteinyl leukotriene receptor triggers calcium influx and chemotaxis in mouse alpha beta- and gamma delta effector T cells. *Journal of Immunology*, **2005**, 175, 713-9	5.3	36
7	Exacerbated colitis associated with elevated levels of activated CD4+ T cells in TCRalpha chain transgenic mice. *Gastroenterology*, **2004**, 126, 170-81	13.3	11
6	Link between organ-specific antigen processing by 20S proteasomes and CD8(+) T cell-mediated autoimmunity. *Journal of Experimental Medicine*, **2002**, 195, 983-90	16.6	71
5	Promiscuous peptide recognition of an autoreactive CD8(+) T-cell clone is responsible for autoimmune intestinal pathology. *Journal of Autoimmunity*, **2002**, 18, 281-7	15.5	10
4	Differential processing of cytosolic and mitochondrial caspases. *Mitochondrion*, **2001**, 1, 61-9	4.9	12
3	Autoimmune intestinal pathology induced by hsp60-specific CD8 T cells. *Immunity*, **1999**, 11, 349-58	32.3	110
2	Reappearance of Effector T Cells Predicts Successful Recovery from COVID-19		2
1	A fetal wave of human type-3 □T cells with restricted TCR diversity persists into adulthood		3