

# Wenjun Ouyang

## List of Publications by Citations

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113  
papers

20,771  
citations

65  
h-index

115  
g-index

115  
ext. papers

24,575  
ext. citations

16.9  
avg, IF

6.78  
L-index

#	Paper	IF	Citations
113	The biological functions of T helper 17 cell effector cytokines in inflammation. <i>Immunity</i> , <b>2008</b> , 28, 454-63	32.3	1498
112	Interleukin-22, a T(H)17 cytokine, mediates IL-23-induced dermal inflammation and acanthosis. <i>Nature</i> , <b>2007</b> , 445, 648-51	50.4	1486
111	Interleukin-22 mediates early host defense against attaching and effacing bacterial pathogens. <i>Nature Medicine</i> , <b>2008</b> , 14, 282-9	50.5	1429
110	Regulation and functions of the IL-10 family of cytokines in inflammation and disease. <i>Annual Review of Immunology</i> , <b>2011</b> , 29, 71-109	34.7	1132
109	Landscape of Infiltrating T Cells in Liver Cancer Revealed by Single-Cell Sequencing. <i>Cell</i> , <b>2017</b> , 169, 1342-1356	43.16	816
108	STAT3 links IL-22 signaling in intestinal epithelial cells to mucosal wound healing. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 1465-72	16.6	732
107	The clinical KRAS(G12C) inhibitor AMG 510 drives anti-tumour immunity. <i>Nature</i> , <b>2019</b> , 575, 217-223	50.4	703
106	Inhibition of Th1 development mediated by GATA-3 through an IL-4-independent mechanism. <i>Immunity</i> , <b>1998</b> , 9, 745-55	32.3	651
105	Stat6-independent GATA-3 autoactivation directs IL-4-independent Th2 development and commitment. <i>Immunity</i> , <b>2000</b> , 12, 27-37	32.3	573
104	Signaling and transcription in T helper development. <i>Annual Review of Immunology</i> , <b>2000</b> , 18, 451-94	34.7	548
103	IL-22BP is regulated by the inflammasome and modulates tumorigenesis in the intestine. <i>Nature</i> , <b>2012</b> , 491, 259-63	50.4	515
102	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , <b>2019</b> , 49, 1457-1973	6.1	485
101	The effects of IL-20 subfamily cytokines on reconstituted human epidermis suggest potential roles in cutaneous innate defense and pathogenic adaptive immunity in psoriasis. <i>Journal of Immunology</i> , <b>2007</b> , 178, 2229-40	5.3	398
100	Therapeutic opportunities of the IL-22-IL-22R1 system. <i>Nature Reviews Drug Discovery</i> , <b>2014</b> , 13, 21-38	64.1	362
99	Guidelines for the use of flow cytometry and cell sorting in immunological studies. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1584-1797	6.1	359
98	Lineage tracking reveals dynamic relationships of T cells in colorectal cancer. <i>Nature</i> , <b>2018</b> , 564, 268-272	50.4	352
97	An interleukin-17-mediated paracrine network promotes tumor resistance to anti-angiogenic therapy. <i>Nature Medicine</i> , <b>2013</b> , 19, 1114-23	50.5	321

96	IL-22, not simply a Th17 cytokine. <i>Immunological Reviews</i> , <b>2013</b> , 252, 116-32	11.3	312
95	Th22 cells are an important source of IL-22 for host protection against enteropathogenic bacteria. <i>Immunity</i> , <b>2012</b> , 37, 1061-75	32.3	310
94	IL-17C regulates the innate immune function of epithelial cells in an autocrine manner. <i>Nature Immunology</i> , <b>2011</b> , 12, 1159-66	19.1	308
93	IL-10 Family Cytokines IL-10 and IL-22: From Basic Science to Clinical Translation. <i>Immunity</i> , <b>2019</b> , 50, 871-891	32.3	298
92	Immune response in silico (IRIS): immune-specific genes identified from a compendium of microarray expression data. <i>Genes and Immunity</i> , <b>2005</b> , 6, 319-31	4.4	281
91	Interleukin-22 alleviates metabolic disorders and restores mucosal immunity in diabetes. <i>Nature</i> , <b>2014</b> , 514, 237-41	50.4	276
90	Notch2-dependent classical dendritic cells orchestrate intestinal immunity to attaching-and-effacing bacterial pathogens. <i>Nature Immunology</i> , <b>2013</b> , 14, 937-48	19.1	272
89	ERM is required for transcriptional control of the spermatogonial stem cell niche. <i>Nature</i> , <b>2005</b> , 436, 1030-4	50.4	255
88	A genomic regulatory element that directs assembly and function of immune-specific AP-1-IRF complexes. <i>Science</i> , <b>2012</b> , 338, 975-80	33.3	246
87	IL-22-producing neutrophils contribute to antimicrobial defense and restitution of colonic epithelial integrity during colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 12768-73	11.5	240
86	Single-Cell Analyses Inform Mechanisms of Myeloid-Targeted Therapies in Colon Cancer. <i>Cell</i> , <b>2020</b> , 181, 442-459.e29	56.2	226
85	Interleukin (IL)-23 mediates <i>Toxoplasma gondii</i> -induced immunopathology in the gut via matrixmetalloproteinase-2 and IL-22 but independent of IL-17. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 3047-59	16.6	220
84	IL-18-stimulated GADD45 beta required in cytokine-induced, but not TCR-induced, IFN-gamma production. <i>Nature Immunology</i> , <b>2001</b> , 2, 157-64	19.1	220
83	A coreceptor interaction between the CD28 and TNF receptor family members B and T lymphocyte attenuator and herpesvirus entry mediator. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 1116-21	11.5	207
82	The cytokine IL-22 promotes pathogen colonization by suppressing related commensal bacteria. <i>Immunity</i> , <b>2014</b> , 40, 262-73	32.3	205
81	The IL-20 subfamily of cytokines--from host defence to tissue homeostasis. <i>Nature Reviews Immunology</i> , <b>2014</b> , 14, 783-95	36.5	199
80	Induction of interferon-gamma production in Th1 CD4+ T cells: evidence for two distinct pathways for promoter activation. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 548-55	6.1	166
79	Transcription factor c-Maf mediates the TGF- $\beta$ -dependent suppression of IL-22 production in T(H)17 cells. <i>Nature Immunology</i> , <b>2011</b> , 12, 1238-45	19.1	156

78	Viral infection. Prevention and cure of rotavirus infection via TLR5/NLRC4-mediated production of IL-22 and IL-18. <i>Science</i> , <b>2014</b> , 346, 861-5	33.3	154
77	NRROS negatively regulates reactive oxygen species during host defence and autoimmunity. <i>Nature</i> , <b>2014</b> , 509, 235-9	50.4	146
76	IL-22 from conventional NK cells is epithelial regenerative and inflammation protective during influenza infection. <i>Mucosal Immunology</i> , <b>2013</b> , 6, 69-82	9.2	137
75	IL-22 bridges the lymphotoxin pathway with the maintenance of colonic lymphoid structures during infection with <i>Citrobacter rodentium</i> . <i>Nature Immunology</i> , <b>2011</b> , 12, 941-8	19.1	134
74	Interleukin-22 induces interleukin-18 expression from epithelial cells during intestinal infection. <i>Immunity</i> , <b>2015</b> , 42, 321-331	32.3	124
73	Phosphatidylserine receptor Tim-4 is essential for the maintenance of the homeostatic state of resident peritoneal macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 8712-7	11.5	121
72	A novel IL-17 signaling pathway controlling keratinocyte proliferation and tumorigenesis via the TRAF4-ERK5 axis. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 1571-87	16.6	118
71	IL-17RC is required for IL-17A- and IL-17F-dependent signaling and the pathogenesis of experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , <b>2010</b> , 184, 4307-16	5.3	111
70	IL-17RC is required for immune signaling via an extended SEF/IL-17R signaling domain in the cytoplasmic tail. <i>Journal of Immunology</i> , <b>2010</b> , 185, 1063-70	5.3	108
69	Dectin-1-dependent interleukin-22 contributes to early innate lung defense against <i>Aspergillus fumigatus</i> . <i>Infection and Immunity</i> , <b>2012</b> , 80, 410-7	3.7	104
68	The function role of GATA-3 in Th1 and Th2 differentiation. <i>Immunologic Research</i> , <b>2003</b> , 28, 25-37	4.3	103
67	The IL-17 family cytokines in immunity and disease. <i>Journal of Clinical Immunology</i> , <b>2010</b> , 30, 185-95	5.7	101
66	Regulation of epithelial immunity by IL-17 family cytokines. <i>Trends in Immunology</i> , <b>2012</b> , 33, 343-9	14.4	96
65	An instructive component in T helper cell type 2 (Th2) development mediated by GATA-3. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 193, 643-50	16.6	95
64	The IL-17 pathway as a major therapeutic target in autoimmune diseases. <i>Annals of the New York Academy of Sciences</i> , <b>2011</b> , 1217, 60-76	6.5	92
63	Signaling via the IL-20 receptor inhibits cutaneous production of IL-1 $\alpha$ and IL-17A to promote infection with methicillin-resistant <i>Staphylococcus aureus</i> . <i>Nature Immunology</i> , <b>2013</b> , 14, 804-11	19.1	89
62	The Ets transcription factor ERM is Th1-specific and induced by IL-12 through a Stat4-dependent pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 3888-93	11.5	86
61	Distinct roles of IL-22 in human psoriasis and inflammatory bowel disease. <i>Cytokine and Growth Factor Reviews</i> , <b>2010</b> , 21, 435-41	17.9	85

60	The psoriasis-associated D10N variant of the adaptor Act1 with impaired regulation by the molecular chaperone hsp90. <i>Nature Immunology</i> , <b>2013</b> , 14, 72-81	19.1	82
59	Deubiquitinase DUBA is a post-translational brake on interleukin-17 production in T cells. <i>Nature</i> , <b>2015</b> , 518, 417-21	50.4	80
58	Activation of epithelial STAT3 regulates intestinal homeostasis. <i>Cell Cycle</i> , <b>2010</b> , 9, 652-5	4.7	79
57	Opposing consequences of IL-23 signaling mediated by innate and adaptive cells in chemically induced colitis in mice. <i>Mucosal Immunology</i> , <b>2012</b> , 5, 99-109	9.2	78
56	Friend of GATA-1 represses GATA-3-dependent activity in CD4+ T cells. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 194, 1461-71	16.6	78
55	Role of IL-22 in microbial host defense. <i>Current Topics in Microbiology and Immunology</i> , <b>2014</b> , 380, 213-36	3.3	69
54	Pulmonary Th17 Antifungal Immunity Is Regulated by the Gut Microbiome. <i>Journal of Immunology</i> , <b>2016</b> , 197, 97-107	5.3	69
53	Targeting IL-10 Family Cytokines for the Treatment of Human Diseases. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2019</b> , 11,	10.2	67
52	A role for Th17 cells in the regulation of tertiary lymphoid follicles. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 2255-62	6.1	66
51	Regulation of Interleukin-10 Expression. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 941, 89-116	6.6	66
50	Minor Structural Change to Tertiary Sulfonamide RORc Ligands Led to Opposite Mechanisms of Action. <i>ACS Medicinal Chemistry Letters</i> , <b>2015</b> , 6, 276-81	4.3	65
49	Human Anti-tumor Immunity: Insights from Immunotherapy Clinical Trials. <i>Immunity</i> , <b>2020</b> , 52, 36-54	32.3	65
48	Homeostatic IL-23 receptor signaling limits Th17 response through IL-22-mediated containment of commensal microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 13942-7	11.5	65
47	Targeting the development and effector functions of TH17 cells. <i>Seminars in Immunology</i> , <b>2007</b> , 19, 383-93	3.7	64
46	Regulation of interleukin-10 and interleukin-22 expression in T helper cells. <i>Current Opinion in Immunology</i> , <b>2011</b> , 23, 605-12	7.8	52
45	Discovery of 1-{4-[3-fluoro-4-((3s,6r)-3-methyl-1,1-dioxo-6-phenyl-[1,2]thiazinan-2-ylmethyl)-phenyl]-piperazin-1-yl}-ethanone (GNE-3500): a potent, selective, and orally bioavailable retinoic acid receptor-related orphan receptor C (RORc or ROR $\beta$ ) inverse agonist. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 5308-22	8.5	51
44	Structure-based design of substituted hexafluoroisopropanol-arylsulfonamides as modulators of RORc. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2013</b> , 23, 6604-9	2.9	51
43	IL-22 in mucosal immunity. <i>Mucosal Immunology</i> , <b>2008</b> , 1, 335-8	9.2	50

42	Discovery of imidazo[1,5-a]pyridines and -pyrimidines as potent and selective ROR $\gamma$ c inverse agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 2907-12	2.9	49
41	IL-17-induced Act1-mediated signaling is critical for cuprizone-induced demyelination. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 8284-92	6.6	48
40	Proteomic profiling of surface proteins on Th1 and Th2 cells. <i>Journal of Proteome Research</i> , <b>2005</b> , 4, 400-96	3.6	45
39	Reduction in lipophilicity improved the solubility, plasma-protein binding, and permeability of tertiary sulfonamide ROR $\gamma$ c inverse agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 3891-7 <sup>2.9</sup>	2.9	42
38	Unexpected characteristics of the IFN-gamma reporters in nontransformed T cells. <i>Journal of Immunology</i> , <b>2001</b> , 167, 855-65	5.3	37
37	Mice deficient in NRROS show abnormal microglial development and neurological disorders. <i>Nature Immunology</i> , <b>2017</b> , 18, 633-641	19.1	36
36	Post-translational regulation of ROR $\gamma$ A therapeutic target for the modulation of interleukin-17-mediated responses in autoimmune diseases. <i>Cytokine and Growth Factor Reviews</i> , <b>2016</b> , 30, 1-17	17.9	35
35	IL-17A-Induced PLET1 Expression Contributes to Tissue Repair and Colon Tumorigenesis. <i>Journal of Immunology</i> , <b>2017</b> , 199, 3849-3857	5.3	33
34	Integrative biology approach identifies cytokine targeting strategies for psoriasis. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 223ra22	17.5	31
33	Targeting interferon-alpha: a promising approach for systemic lupus erythematosus therapy. <i>Lupus</i> , <b>2004</b> , 13, 348-52	2.6	31
32	IL-22R Ligands IL-20, IL-22, and IL-24 Promote Wound Healing in Diabetic db/db Mice. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170639	3.7	30
31	The serine protease marapsin is expressed in stratified squamous epithelia and is up-regulated in the hyperproliferative epidermis of psoriasis and regenerating wounds. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 218-228	5.4	28
30	Murine insulin growth factor-like (IGFL) and human IGFL1 proteins are induced in inflammatory skin conditions and bind to a novel tumor necrosis factor receptor family member, IGFLR1. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 18969-81	5.4	27
29	Th17 cells at the crossroads of autoimmunity, inflammation, and atherosclerosis. <i>Immunity</i> , <b>2014</b> , 40, 10-2	32.3	24
28	A novel IL-25 signaling pathway through STAT5. <i>Journal of Immunology</i> , <b>2015</b> , 194, 4528-34	5.3	23
27	A reversed sulfonamide series of selective ROR $\gamma$ c inverse agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 5769-5776	2.9	23
26	PILRH negatively regulates mouse inflammatory arthritis. <i>Journal of Immunology</i> , <b>2014</b> , 193, 860-70	5.3	22
25	Deciphering the crosstalk among IL-1 and IL-10 family cytokines in intestinal immunity. <i>Trends in Immunology</i> , <b>2015</b> , 36, 471-8	14.4	21

24	Pre-clinical and translational pharmacology of a human interleukin-22 IgG fusion protein for potential treatment of infectious or inflammatory diseases. <i>Biochemical Pharmacology</i> , <b>2018</b> , 152, 224-235	6.3	20
23	TRAF4-SMURF2-mediated DAZAP2 degradation is critical for IL-25 signaling and allergic airway inflammation. <i>Journal of Immunology</i> , <b>2015</b> , 194, 2826-37	5.3	19
22	Innate-like function of memory Th17 cells for enhancing endotoxin-induced acute lung inflammation through IL-22. <i>International Immunology</i> , <b>2016</b> , 28, 233-43	4.9	18
21	Novel therapeutic targets along the Th17 pathway. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 670-5	6.1	15
20	Cutting Edge: IL-17B Uses IL-17RA and IL-17RB to Induce Type 2 Inflammation from Human Lymphocytes. <i>Journal of Immunology</i> , <b>2019</b> , 202, 1935-1941	5.3	13
19	LILRB1 Blockade Enhances Bispecific T Cell Engager Antibody-Induced Tumor Cell Killing by Effector CD8 T Cells. <i>Journal of Immunology</i> , <b>2019</b> , 203, 1076-1087	5.3	13
18	Unravelling the heterogeneity and dynamic relationships of tumor-infiltrating T cells by single-cell RNA sequencing analysis. <i>Journal of Leukocyte Biology</i> , <b>2020</b> , 107, 917-932	6.5	11
17	Psoriasis-like skin lesions are dependent on IL-23 but develop in the absence of IL-22 in a model mouse. <i>Journal of Dermatological Science</i> , <b>2014</b> , 73, 261-4	4.3	9
16	The Itch to degrade ROR- $\beta$ . <i>Nature Immunology</i> , <b>2016</b> , 17, 898-900	19.1	5
15	STARTRAC analyses of scRNAseq data from tumor models reveal T cell dynamics and therapeutic targets. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	5
14	Impaired B cell immunity in IL-22 knock-out mice in collagen induced arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, A58-A59	2.4	4
13	Even neurons are excited by Th17 cells. <i>Immunity</i> , <b>2010</b> , 33, 298-300	32.3	4
12	The effects of 2ip and 2,4-D on rice calli differentiation. <i>Plant Growth Regulation</i> , <b>1996</b> , 19, 19-24	3.2	4
11	Exposure-Effect Relationships in Established Rat Adjuvant-Induced and Collagen-Induced Arthritis: A Translational Pharmacokinetic-Pharmacodynamic Analysis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2019</b> , 369, 406-418	4.7	3
10	Dual Mechanisms for Balancing Th17 and Treg Cell Fate by CREB. <i>EBioMedicine</i> , <b>2017</b> , 25, 20-21	8.8	3
9	Inflammatory Bowel Disease Susceptibility Gene Regulates Intestinal Epithelial Permeability. <i>ImmunoHorizons</i> , <b>2018</b> , 2, 164-171	2.7	3
8	Nonclinical safety assessment of a human interleukin-22Fc IgG fusion protein demonstrates in vitro to in vivo and cross-species translatability. <i>Pharmacology Research and Perspectives</i> , <b>2018</b> , 6, e00434	3.1	3
7	TRIMming TGF- $\beta$ signals in Th17 cells. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 1775-1776	16.6	1

- 6 A novel IL-17 signaling pathway controlling keratinocyte proliferation and tumorigenesis via the TRAF4/IRK5 axis. *Journal of Cell Biology*, **2015**, 210, 2106-2117
- 5 The Roles of IL-22 and Its Related Family Members in the Pathogenesis of Psoriasis **2011**, 445-462
- 4 Role of cytokine therapy in the treatment of psoriasis. *Drug Discovery Today: Therapeutic Strategies*, **2007**, 4, 25-31
- 3 The IL-20 Subfamily of Cytokines and Their Receptors **2016**, 554-562
- 2 STAT3 links IL-22 signaling in intestinal epithelial cells to mucosal wound healing. *Journal of Cell Biology*, **2009**, 186, i1-i1
- 1 Interleukin-22: A Bridge Between Epithelial Innate Host Defense and Immune Cells **2014**, 147-177