

Wenjun Ouyang

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

27,416
citations

13865

67
h-index

25787

108
g-index

115
all docs

115
docs citations

115
times ranked

36969
citing authors

#	ARTICLE	IF	CITATIONS
1	The Biological Functions of T Helper 17 Cell Effector Cytokines in Inflammation. <i>Immunity</i> , 2008, 28, 454-467.	14.3	1,721
2	Interleukin-22, a TH17 cytokine, mediates IL-23-induced dermal inflammation and acanthosis. <i>Nature</i> , 2007, 445, 648-651.	27.8	1,697
3	Interleukin-22 mediates early host defense against attaching and effacing bacterial pathogens. <i>Nature Medicine</i> , 2008, 14, 282-289.	30.7	1,670
4	Landscape of Infiltrating T Cells in Liver Cancer Revealed by Single-Cell Sequencing. <i>Cell</i> , 2017, 169, 1342-1356.e16.	28.9	1,540
5	Regulation and Functions of the IL-10 Family of Cytokines in Inflammation and Disease. <i>Annual Review of Immunology</i> , 2011, 29, 71-109.	21.8	1,441
6	The clinical KRAS(G12C) inhibitor AMG 510 drives anti-tumour immunity. <i>Nature</i> , 2019, 575, 217-223.	27.8	1,375
7	STAT3 links IL-22 signaling in intestinal epithelial cells to mucosal wound healing. <i>Journal of Experimental Medicine</i> , 2009, 206, 1465-1472.	8.5	880
8	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	2.9	766
9	Lineage tracking reveals dynamic relationships of T cells in colorectal cancer. <i>Nature</i> , 2018, 564, 268-272.	27.8	742
10	Single-Cell Analyses Inform Mechanisms of Myeloid-Targeted Therapies in Colon Cancer. <i>Cell</i> , 2020, 181, 442-459.e29.	28.9	741
11	Inhibition of Th1 Development Mediated by GATA-3 through an IL-4-Independent Mechanism. <i>Immunity</i> , 1998, 9, 745-755.	14.3	722
12	IL-22BP is regulated by the inflammasome and modulates tumorigenesis in the intestine. <i>Nature</i> , 2012, 491, 259-263.	27.8	641
13	Stat6-Independent GATA-3 Autoactivation Directs IL-4-Independent Th2 Development and Commitment. <i>Immunity</i> , 2000, 12, 27-37.	14.3	630
14	IL-10 Family Cytokines IL-10 and IL-22: from Basic Science to Clinical Translation. <i>Immunity</i> , 2019, 50, 871-891.	14.3	603
15	Signaling and Transcription in T Helper Development. <i>Annual Review of Immunology</i> , 2000, 18, 451-494.	21.8	584
16	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. <i>European Journal of Immunology</i> , 2017, 47, 1584-1797.	2.9	505
17	Therapeutic opportunities of the IL-22-IL-22R1 system. <i>Nature Reviews Drug Discovery</i> , 2014, 13, 21-38.	46.4	464
18	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> , 2007, 178, 2229-2240.	0.8	457

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19	An interleukin-17-mediated paracrine network promotes tumor resistance to anti-angiogenic therapy. <i>Nature Medicine</i> , 2013, 19, 1114-1123.	30.7	395
20	IL-17C regulates the innate immune function of epithelial cells in an autocrine manner. <i>Nature Immunology</i> , 2011, 12, 1159-1166.	14.5	393
21	IL-22, not simply a Th17 cytokine. <i>Immunological Reviews</i> , 2013, 252, 116-132.	6.0	391
22	Th22 Cells Are an Important Source of IL-22 for Host Protection against Enteropathogenic Bacteria. <i>Immunity</i> , 2012, 37, 1061-1075.	14.3	381
23	Notch2-dependent classical dendritic cells orchestrate intestinal immunity to attaching-and-effacing bacterial pathogens. <i>Nature Immunology</i> , 2013, 14, 937-948.	14.5	368
24	Immune response in silico (IRIS): immune-specific genes identified from a compendium of microarray expression data. <i>Genes and Immunity</i> , 2005, 6, 319-331.	4.1	364
25	Interleukin-22 alleviates metabolic disorders and restores mucosal immunity in diabetes. <i>Nature</i> , 2014, 514, 237-241.	27.8	363
26	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> , 2013, 110, 12768-12773.	7.1	301
27	A Genomic Regulatory Element That Directs Assembly and Function of Immune-Specific AP-1-IRF Complexes. <i>Science</i> , 2012, 338, 975-980.	12.6	298
28	ERM is required for transcriptional control of the spermatogonial stem cell niche. <i>Nature</i> , 2005, 436, 1030-1034.	27.8	292
29	The IL-20 subfamily of cytokines from host defence to tissue homeostasis. <i>Nature Reviews Immunology</i> , 2014, 14, 783-795.	22.7	287
30	Interleukin (IL)-23 mediates <i>Toxoplasma gondii</i> -induced immunopathology in the gut via matrix metalloproteinase-2 and IL-22 but independent of IL-17. <i>Journal of Experimental Medicine</i> , 2009, 206, 3047-3059.	8.5	262
31	The Cytokine IL-22 Promotes Pathogen Colonization by Suppressing Related Commensal Bacteria. <i>Immunity</i> , 2014, 40, 262-273.	14.3	252
32	IL-18-stimulated GADD45 ² required in cytokine-induced, but not TCR-induced, IFN- γ production. <i>Nature Immunology</i> , 2001, 2, 157-164.	14.5	240
33	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> , 2005, 102, 1116-1121.	7.1	231
34	NRROS negatively regulates reactive oxygen species during host defence and autoimmunity. <i>Nature</i> , 2014, 509, 235-239.	27.8	198
35	Prevention and cure of rotavirus infection via TLR5/NLRC4-mediated production of IL-22 and IL-18. <i>Science</i> , 2014, 346, 861-865.	12.6	188
36	Transcription factor c-Maf mediates the TGF- β -dependent suppression of IL-22 production in TH17 cells. <i>Nature Immunology</i> , 2011, 12, 1238-1245.	14.5	187

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37	Induction of interferon- γ production in Th1 CD4+ T cells: evidence for two distinct pathways for promoter activation. <i>European Journal of Immunology</i> , 1999, 29, 548-555.	2.9	186
38	A novel IL-17 signaling pathway controlling keratinocyte proliferation and tumorigenesis via the TRAF4-ERK5 axis. <i>Journal of Experimental Medicine</i> , 2015, 212, 1571-1587.	8.5	170
39	Targeting IL-10 Family Cytokines for the Treatment of Human Diseases. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a028548.	5.5	163
40	Interleukin-22 Induces Interleukin-18 Expression from Epithelial Cells during Intestinal Infection. <i>Immunity</i> , 2015, 42, 321-331.	14.3	162
41	IL-22 from conventional NK cells is epithelial regenerative and inflammation protective during influenza infection. <i>Mucosal Immunology</i> , 2013, 6, 69-82.	6.0	161
42	IL-22 bridges the lymphotoxin pathway with the maintenance of colonic lymphoid structures during infection with <i>Citrobacter rodentium</i> . <i>Nature Immunology</i> , 2011, 12, 941-948.	14.5	145
43	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> , 2010, 107, 8712-8717.	7.1	139
44	IL-17RC Is Required for IL-17A- and IL-17F-Dependent Signaling and the Pathogenesis of Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2010, 184, 4307-4316.	0.8	130
45	Human Anti-tumor Immunity: Insights from Immunotherapy Clinical Trials. <i>Immunity</i> , 2020, 52, 36-54.	14.3	127
46	The Function Role of GATA-3 in Th1 and Th2 Differentiation. <i>Immunologic Research</i> , 2003, 28, 25-38.	2.9	122
47	The IL-17 pathway as a major therapeutic target in autoimmune diseases. <i>Annals of the New York Academy of Sciences</i> , 2011, 1217, 60-76.	3.8	116
48	Dectin-1-Dependent Interleukin-22 Contributes to Early Innate Lung Defense against <i>Aspergillus fumigatus</i> . <i>Infection and Immunity</i> , 2012, 80, 410-417.	2.2	115
49	Regulation of epithelial immunity by IL-17 family cytokines. <i>Trends in Immunology</i> , 2012, 33, 343-349.	6.8	115
50	Signaling via the IL-20 receptor inhibits cutaneous production of IL-1 β and IL-17A to promote infection with methicillin-resistant <i>Staphylococcus aureus</i> . <i>Nature Immunology</i> , 2013, 14, 804-811.	14.5	115
51	IL-17RC Is Required for Immune Signaling via an Extended SEF/IL-17R Signaling Domain in the Cytoplasmic Tail. <i>Journal of Immunology</i> , 2010, 185, 1063-1070.	0.8	114
52	The IL-17 Family Cytokines in Immunity and Disease. <i>Journal of Clinical Immunology</i> , 2010, 30, 185-195.	3.8	110
53	Deubiquitinase DUBA is a post-translational brake on interleukin-17 production in T cells. <i>Nature</i> , 2015, 518, 417-421.	27.8	110
54	Pulmonary Th17 Antifungal Immunity Is Regulated by the Gut Microbiome. <i>Journal of Immunology</i> , 2016, 197, 97-107.	0.8	108

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55	Regulation of Interleukin-10 Expression. <i>Advances in Experimental Medicine and Biology</i> , 2016, 941, 89-116.	1.6	108
56	An Instructive Component in T Helper Cell Type 2 (Th2) Development Mediated by Gata-3. <i>Journal of Experimental Medicine</i> , 2001, 193, 643-650.	8.5	100
57	The psoriasis-associated D10N variant of the adaptor Act1 with impaired regulation by the molecular chaperone hsp90. <i>Nature Immunology</i> , 2013, 14, 72-81.	14.5	98
58	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> , 1999, 96, 3888-3893.	7.1	97
59	Distinct roles of IL-22 in human psoriasis and inflammatory bowel disease. <i>Cytokine and Growth Factor Reviews</i> , 2010, 21, 435-441.	7.2	96
60	Opposing consequences of IL-23 signaling mediated by innate and adaptive cells in chemically induced colitis in mice. <i>Mucosal Immunology</i> , 2012, 5, 99-109.	6.0	96
61	Activation of epithelial STAT3 regulates intestinal homeostasis. <i>Cell Cycle</i> , 2010, 9, 652-655.	2.6	89
62	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> , 2014, 111, 13942-13947.	7.1	85
63	Role of IL-22 in Microbial Host Defense. <i>Current Topics in Microbiology and Immunology</i> , 2014, 380, 213-236.	1.1	85
64	Friend of GATA-1 Represses GATA-3-dependent Activity in CD4+ T Cells. <i>Journal of Experimental Medicine</i> , 2001, 194, 1461-1471.	8.5	82
65	A role for Th17 cells in the regulation of tertiary lymphoid follicles. <i>European Journal of Immunology</i> , 2012, 42, 2255-2262.	2.9	75
66	Minor Structural Change to Tertiary Sulfonamide RORc Ligands Led to Opposite Mechanisms of Action. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 276-281.	2.8	74
67	IL-22R Ligands IL-20, IL-22, and IL-24 Promote Wound Healing in Diabetic db/db Mice. <i>PLoS ONE</i> , 2017, 12, e0170639.	2.5	74
68	Targeting the development and effector functions of TH17 cells. <i>Seminars in Immunology</i> , 2007, 19, 383-393.	5.6	73
69	Regulation of interleukin-10 and interleukin-22 expression in T helper cells. <i>Current Opinion in Immunology</i> , 2011, 23, 605-612.	5.5	64
70	Discovery of imidazo[1,5-a]pyridines and -pyrimidines as potent and selective RORc inverse agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2907-2912.	2.2	60
71	IL-17-Induced Act1-Mediated Signaling Is Critical for Cuprizone-Induced Demyelination. <i>Journal of Neuroscience</i> , 2012, 32, 8284-8292.	3.6	58
72	Structure-based design of substituted hexafluoroisopropanol-arylsulfonamides as modulators of RORc. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6604-6609.	2.2	58

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73	Discovery of 1-[4-[3-Fluoro-4-((3 <i>S</i>)-6 <i>R</i>)-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 β) Inverse Agonist. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5308-5322.	6.4	58
74	IL-22 in mucosal immunity. <i>Mucosal Immunology</i> , 2008, 1, 335-338.	6.0	56
75	Post-translational regulation of ROR β A therapeutic target for the modulation of interleukin-17-mediated responses in autoimmune diseases. <i>Cytokine and Growth Factor Reviews</i> , 2016, 30, 1-17.	7.2	54
76	Mice deficient in NRROS show abnormal microglial development and neurological disorders. <i>Nature Immunology</i> , 2017, 18, 633-641.	14.5	53
77	Proteomic Profiling of Surface Proteins on Th1 and Th2 Cells. <i>Journal of Proteome Research</i> , 2005, 4, 400-409.	3.7	49
78	IL-17A Induced PLET1 Expression Contributes to Tissue Repair and Colon Tumorigenesis. <i>Journal of Immunology</i> , 2017, 199, 3849-3857.	0.8	49
79	Reduction in lipophilicity improved the solubility, plasma protein binding, and permeability of tertiary sulfonamide RORc inverse agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3891-3897.	2.2	45
80	Integrative Biology Approach Identifies Cytokine Targeting Strategies for Psoriasis. <i>Science Translational Medicine</i> , 2014, 6, 223ra22.	12.4	41
81	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> , 2018, 152, 224-235.	4.4	41
82	Unexpected Characteristics of the IFN- β Reporters in Nontransformed T Cells. <i>Journal of Immunology</i> , 2001, 167, 855-865.	0.8	40
83	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> , 2011, 286, 18969-18981.	3.4	38
84	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> , 2009, 284, 218-228.	3.4	36
85	LILRB1 Blockade Enhances Bispecific T Cell Engager Antibody Induced Tumor Cell Killing by Effector CD8+ T Cells. <i>Journal of Immunology</i> , 2019, 203, 1076-1087.	0.8	35
86	Targeting interferon- β : a promising approach for systemic lupus erythematosus therapy. <i>Lupus</i> , 2004, 13, 348-352.	1.6	33
87	A Novel IL-25 Signaling Pathway through STAT5. <i>Journal of Immunology</i> , 2015, 194, 4528-4534.	0.8	30
88	Th17 Cells at the Crossroads of Autoimmunity, Inflammation, and Atherosclerosis. <i>Immunity</i> , 2014, 40, 10-12.	14.3	28
89	PILR β Negatively Regulates Mouse Inflammatory Arthritis. <i>Journal of Immunology</i> , 2014, 193, 860-870.	0.8	28
90	TRAF4-SMURF2 Mediated DAZAP2 Degradation Is Critical for IL-25 Signaling and Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2015, 194, 2826-2837.	0.8	28

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91	Deciphering the crosstalk among IL-1 and IL-10 family cytokines in intestinal immunity. <i>Trends in Immunology</i> , 2015, 36, 471-478.	6.8	28
92	Innate-like function of memory Th17 cells for enhancing endotoxin-induced acute lung inflammation through IL-22. <i>International Immunology</i> , 2016, 28, 233-243.	4.0	28
93	A reversed sulfonamide series of selective RORc inverse agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5769-5776.	2.2	27
94	Cutting Edge: IL-17B Uses IL-17RA and IL-17RB to Induce Type 2 Inflammation from Human Lymphocytes. <i>Journal of Immunology</i> , 2019, 202, 1935-1941.	0.8	24
95	Unravelling the heterogeneity and dynamic relationships of tumor-infiltrating T cells by single-cell RNA sequencing analysis. <i>Journal of Leukocyte Biology</i> , 2020, 107, 917-932.	3.3	21
96	Novel therapeutic targets along the Th17 pathway. <i>European Journal of Immunology</i> , 2009, 39, 670-675.	2.9	20
97	STARTRAC analyses of scRNAseq data from tumor models reveal T cell dynamics and therapeutic targets. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	15
98	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> , 2014, 73, 261-264.	1.9	9
99	Nonclinical safety assessment of a human interleukin-22 <sc>FC IG</sc>-fusion protein demonstrates in-vitro to in-vivo and cross-species translatability. <i>Pharmacology Research and Perspectives</i> , 2018, 6, e00434.	2.4	8
100	Inflammatory Bowel Disease Susceptibility Gene <i>C1ORF106</i> Regulates Intestinal Epithelial Permeability. <i>ImmunoHorizons</i> , 2018, 2, 164-171.	1.8	8
101	The effects of 2ip and 2,4-D on rice calli differentiation. <i>Plant Growth Regulation</i> , 1996, 19, 19-24.	3.4	7
102	Even Neurons Are Excited by Th17 Cells. <i>Immunity</i> , 2010, 33, 298-300.	14.3	5
103	Impaired B cell immunity in IL-22 knock-out mice in collagen induced arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A58-A59.	0.9	5
104	The Itch to degrade ROR-Î³t. <i>Nature Immunology</i> , 2016, 17, 898-900.	14.5	5
105	Dual Mechanisms for Balancing Th17 and Treg Cell Fate by CREB. <i>EBioMedicine</i> , 2017, 25, 20-21.	6.1	5
106	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> , 2019, 369, 406-418.	2.5	5
107	TRIMming TGF-Î² signals in Th17 cells. <i>Journal of Experimental Medicine</i> , 2018, 215, 1775-1776.	8.5	3
108	A novel IL-17 signaling pathway controlling keratinocyte proliferation and tumorigenesis via the TRAF4-ERK5 axis. <i>Journal of Cell Biology</i> , 2015, 210, 2106OIA178.	5.2	1

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109	Role of cytokine therapy in the treatment of psoriasis. Drug Discovery Today: Therapeutic Strategies, 2007, 4, 25-31.	0.5	0
110	The Roles of IL-22 and Its Related Family Members in the Pathogenesis of Psoriasis. , 2011, , 445-462.		0
111	STAT3 links IL-22 signaling in intestinal epithelial cells to mucosal wound healing. Journal of Cell Biology, 2009, 186, i1-i1.	5.2	0
112	Interleukin-22: A Bridge Between Epithelial Innate Host Defense and Immune Cells. , 2014, , 147-177.		0
113	The IL-20 Subfamily of Cytokines and Their Receptors. , 2016, , 554-562.		0