Wenjun Ouyang

List of Publications by Year in descending order

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	STARTRAC analyses of scRNAseq data from tumor models reveal T cell dynamics and therapeutic targets. Journal of Experimental Medicine, 2021, 218, .	8.5	15
2	Human Anti-tumor Immunity: Insights from Immunotherapy Clinical Trials. Immunity, 2020, 52, 36-54.	14.3	127
3	Unravelling the heterogeneity and dynamic relationships of tumorâ€infiltrating T cells by singleâ€cell RNA sequencing analysis. Journal of Leukocyte Biology, 2020, 107, 917-932.	3.3	21
4	Single-Cell Analyses Inform Mechanisms of Myeloid-Targeted Therapies in Colon Cancer. Cell, 2020, 181, 442-459.e29.	28.9	741
5	LILRB1 Blockade Enhances Bispecific T Cell Engager Antibodyâ€“Induced Tumor Cell Killing by Effector CD8+ T Cells. Journal of Immunology, 2019, 203, 1076-1087.	0.8	35
6	The clinical KRAS(G12C) inhibitor AMG 510 drives anti-tumour immunity. Nature, 2019, 575, 217-223.	27.8	1,375
7	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
8	IL-10 Family Cytokines IL-10 and IL-22: from Basic Science to Clinical Translation. Immunity, 2019, 50, 871-891.	14.3	603
9	Exposure-Effect Relationships in Established Rat Adjuvant-Induced and Collagen-Induced Arthritis: A Translational Pharmacokinetic-Pharmacodynamic Analysis. Journal of Pharmacology and Experimental Therapeutics, 2019, 369, 406-418.	2.5	5
10	Cutting Edge: IL-17B Uses IL-17RA and IL-17RB to Induce Type 2 Inflammation from Human Lymphocytes. Journal of Immunology, 2019, 202, 1935-1941.	0.8	24
11	Targeting IL-10 Family Cytokines for the Treatment of Human Diseases. Cold Spring Harbor Perspectives in Biology, 2019, 11, a028548.	5.5	163
12	Pre-clinical and translational pharmacology of a human interleukin-22 IgG fusion protein for potential treatment of infectious or inflammatory diseases. Biochemical Pharmacology, 2018, 152, 224-235.	4.4	41
13	Nonclinical safety assessment of a human interleukinâ€22<scp>FC IG</scp>Âfusion protein demonstrates inÂvitro to inÂvivo and crossâ€species translatability. Pharmacology Research and Perspectives, 2018, 6, e00434.	2.4	8
14	Lineage tracking reveals dynamic relationships of T cells in colorectal cancer. Nature, 2018, 564, 268-272.	27.8	742
15	TRIMming TGF-Î² signals in Th17 cells. Journal of Experimental Medicine, 2018, 215, 1775-1776.	8.5	3
16	Inflammatory Bowel Disease Susceptibility Gene C1ORF106 Regulates Intestinal Epithelial Permeability. ImmunoHorizons, 2018, 2, 164-171.	1.8	8
17	Mice deficient in NRROS show abnormal microglial development and neurological disorders. Nature Immunology, 2017, 18, 633-641.	14.5	53
18	Landscape of Infiltrating T Cells in Liver Cancer Revealed by Single-Cell Sequencing. Cell, 2017, 169, 1342-1356.e16.	28.9	1,540

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19	IL-17Aâ€“Induced PLET1 Expression Contributes to Tissue Repair and Colon Tumorigenesis. Journal of Immunology, 2017, 199, 3849-3857.	0.8	49
20	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
21	Dual Mechanisms for Balancing Th17 and Treg Cell Fate by CREB. EBioMedicine, 2017, 25, 20-21.	6.1	5
22	IL-22R Ligands IL-20, IL-22, and IL-24 Promote Wound Healing in Diabetic db/db Mice. PLoS ONE, 2017, 12, e0170639.	2.5	74
23	Pulmonary Th17 Antifungal Immunity Is Regulated by the Gut Microbiome. Journal of Immunology, 2016, 197, 97-107.	0.8	108
24	Regulation of Interleukin-10 Expression. Advances in Experimental Medicine and Biology, 2016, 941, 89-116.	1.6	108
25	Post-translational regulation of RORÎ³tâ€”A therapeutic target for the modulation of interleukin-17-mediated responses in autoimmune diseases. Cytokine and Growth Factor Reviews, 2016, 30, 1-17.	7.2	54
26	The Itch to degrade ROR-Î³t. Nature Immunology, 2016, 17, 898-900.	14.5	5
27	Innate-like function of memory Th17 cells for enhancing endotoxin-induced acute lung inflammation through IL-22. International Immunology, 2016, 28, 233-243.	4.0	28
28	The IL-20 Subfamily of Cytokines and Their Receptors. , 2016, , 554-562.		0
29	TRAF4-SMURF2â€“Mediated DAZAP2 Degradation Is Critical for IL-25 Signaling and Allergic Airway Inflammation. Journal of Immunology, 2015, 194, 2826-2837.	0.8	28
30	Discovery of imidazo[1,5-a]pyridines and -pyrimidines as potent and selective RORc inverse agonists. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2907-2912.	2.2	60
31	Interleukin-22 Induces Interleukin-18 Expression from Epithelial Cells during Intestinal Infection. Immunity, 2015, 42, 321-331.	14.3	162
32	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 RORÎ³) Inverse Agonist. Journal of Medicinal Chemistry, 2015, 58, 5308-5322.	6.4	58
33	Deciphering the crosstalk among IL-1 and IL-10 family cytokines in intestinal immunity. Trends in Immunology, 2015, 36, 471-478.	6.8	28
34	A Novel IL-25 Signaling Pathway through STAT5. Journal of Immunology, 2015, 194, 4528-4534.	0.8	30
35	A novel IL-17 signaling pathway controlling keratinocyte proliferation and tumorigenesis via the TRAF4â€“ERK5 axis. Journal of Experimental Medicine, 2015, 212, 1571-1587.	8.5	170
36	Minor Structural Change to Tertiary Sulfonamide RORc Ligands Led to Opposite Mechanisms of Action. ACS Medicinal Chemistry Letters, 2015, 6, 276-281.	2.8	74

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37	Deubiquitinase DUBA is a post-translational brake on interleukin-17 production in T cells. Nature, 2015, 518, 417-421.	27.8	110
38	A novel IL-17 signaling pathway controlling keratinocyte proliferation and tumorigenesis via the TRAF4â€“ERK5 axis. Journal of Cell Biology, 2015, 210, 2106OIA178.	5.2	1
39	A reversed sulfonamide series of selective RORc inverse agonists. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5769-5776.	2.2	27
40	The IL-20 subfamily of cytokines â€" from host defence to tissue homeostasis. Nature Reviews Immunology, 2014, 14, 783-795.	22.7	287
41	Integrative Biology Approach Identifies Cytokine Targeting Strategies for Psoriasis. Science Translational Medicine, 2014, 6, 223ra22.	12.4	41
42	NRROS negatively regulates reactive oxygen species during host defence and autoimmunity. Nature, 2014, 509, 235-239.	27.8	198
43	Therapeutic opportunities of the IL-22â€“IL-22R1 system. Nature Reviews Drug Discovery, 2014, 13, 21-38.	46.4	464
44	Th17 Cells at the Crossroads of Autoimmunity, Inflammation, and Atherosclerosis. Immunity, 2014, 40, 10-12.	14.3	28
45	Psoriasis-like skin lesions are dependent on IL-23 but develop in the absence of IL-22 in a model mouse. Journal of Dermatological Science, 2014, 73, 261-264.	1.9	9
46	Prevention and cure of rotavirus infection via TLR5/NLRC4â€“mediated production of IL-22 and IL-18. Science, 2014, 346, 861-865.	12.6	188
47	Homeostatic IL-23 receptor signaling limits Th17 response through IL-22â€“mediated containment of commensal microbiota. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13942-13947.	7.1	85
48	Role of IL-22 in Microbial Host Defense. Current Topics in Microbiology and Immunology, 2014, 380, 213-236.	1.1	85
49	Interleukin-22 alleviates metabolic disorders and restores mucosal immunity in diabetes. Nature, 2014, 514, 237-241.	27.8	363
50	Reduction in lipophilicity improved the solubility, plasmaâ€“protein binding, and permeability of tertiary sulfonamide RORc inverse agonists. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3891-3897.	2.2	45
51	The Cytokine IL-22 Promotes Pathogen Colonization by Suppressing Related Commensal Bacteria. Immunity, 2014, 40, 262-273.	14.3	252
52	PILRÎ± Negatively Regulates Mouse Inflammatory Arthritis. Journal of Immunology, 2014, 193, 860-870.	0.8	28
53	Interleukin-22: A Bridge Between Epithelial Innate Host Defense and Immune Cells. , 2014, , 147-177.		0
54	Notch2-dependent classical dendritic cells orchestrate intestinal immunity to attaching-and-effacing bacterial pathogens. Nature Immunology, 2013, 14, 937-948.	14.5	368

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55	An interleukin-17â€“mediated paracrine network promotes tumor resistance to anti-angiogenic therapy. Nature Medicine, 2013, 19, 1114-1123.	30.7	395
56	Structure-based design of substituted hexafluoroisopropanol-arylsulfonamides as modulators of RORc. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6604-6609.	2.2	58
57	IL-22 from conventional NK cells is epithelial regenerative and inflammation protective during influenza infection. Mucosal Immunology, 2013, 6, 69-82.	6.0	161
58	The psoriasis-associated D10N variant of the adaptor Act1 with impaired regulation by the molecular chaperone hsp90. Nature Immunology, 2013, 14, 72-81.	14.5	98
59	<scp>IL</scp>â€22, not simply a Th17 cytokine. Immunological Reviews, 2013, 252, 116-132.	6.0	391
60	Signaling via the IL-20 receptor inhibits cutaneous production of IL-1Î² and IL-17A to promote infection with methicillin-resistant Staphylococcus aureus. Nature Immunology, 2013, 14, 804-811.	14.5	115
61	IL-22â€“producing neutrophils contribute to antimicrobial defense and restitution of colonic epithelial integrity during colitis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12768-12773.	7.1	301
62	Dectin-1-Dependent Interleukin-22 Contributes to Early Innate Lung Defense against Aspergillus fumigatus. Infection and Immunity, 2012, 80, 410-417.	2.2	115
63	Opposing consequences of IL-23 signaling mediated by innate and adaptive cells in chemically induced colitis in mice. Mucosal Immunology, 2012, 5, 99-109.	6.0	96
64	Th22 Cells Are an Important Source of IL-22 for Host Protection against Enteropathogenic Bacteria. Immunity, 2012, 37, 1061-1075.	14.3	381
65	Regulation of epithelial immunity by IL-17 family cytokines. Trends in Immunology, 2012, 33, 343-349.	6.8	115
66	A role for Th17 cells in the regulation of tertiary lymphoid follicles. European Journal of Immunology, 2012, 42, 2255-2262.	2.9	75
67	A Genomic Regulatory Element That Directs Assembly and Function of Immune-Specific AP-1â€“IRF Complexes. Science, 2012, 338, 975-980.	12.6	298
68	IL-17-Induced Act1-Mediated Signaling Is Critical for Cuprizone-Induced Demyelination. Journal of Neuroscience, 2012, 32, 8284-8292.	3.6	58
69	IL-22BP is regulated by the inflammasome and modulates tumorigenesis in the intestine. Nature, 2012, 491, 259-263.	27.8	641
70	Transcription factor c-Maf mediates the TGF-Î²-dependent suppression of IL-22 production in TH17 cells. Nature Immunology, 2011, 12, 1238-1245.	14.5	187
71	The Roles of IL-22 and Its Related Family Members in the Pathogenesis of Psoriasis. , 2011, , 445-462.		0
72	IL-17C regulates the innate immune function of epithelial cells in an autocrine manner. Nature Immunology, 2011, 12, 1159-1166.	14.5	393

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73	Regulation of interleukin-10 and interleukin-22 expression in T helper cells. Current Opinion in Immunology, 2011, 23, 605-612.	5.5	64
74	The ILâ€17 pathway as a major therapeutic target in autoimmune diseases. Annals of the New York Academy of Sciences, 2011, 1217, 60-76.	3.8	116
75	Regulation and Functions of the IL-10 Family of Cytokines in Inflammation and Disease. Annual Review of Immunology, 2011, 29, 71-109.	21.8	1,441
76	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. Journal of Biological Chemistry, 2011, 286, 18969-18981.	3.4	38
77	Impaired B cell immunity in IL-22 knock-out mice in collagen induced arthritis. Annals of the Rheumatic Diseases, 2011, 70, A58-A59.	0.9	5
78	IL-22 bridges the lymphotoxin pathway with the maintenance of colonic lymphoid structures during infection with Citrobacter rodentium. Nature Immunology, 2011, 12, 941-948.	14.5	145
79	The IL-17 Family Cytokines in Immunity and Disease. Journal of Clinical Immunology, 2010, 30, 185-195.	3.8	110
80	Even Neurons Are Excited by Th17 Cells. Immunity, 2010, 33, 298-300.	14.3	5
81	Phosphatidylserine receptor Tim-4 is essential for the maintenance of the homeostatic state of resident peritoneal macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8712-8717.	7.1	139
82	IL-17RC Is Required for Immune Signaling via an Extended SEF/IL-17R Signaling Domain in the Cytoplasmic Tail. Journal of Immunology, 2010, 185, 1063-1070.	0.8	114
83	IL-17RC Is Required for IL-17Aâ€“ and IL-17Fâ€“Dependent Signaling and the Pathogenesis of Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2010, 184, 4307-4316.	0.8	130
84	Activation of epithelial STAT3 regulates intestinal homeostasis. Cell Cycle, 2010, 9, 652-655.	2.6	89
85	Distinct roles of IL-22 in human psoriasis and inflammatory bowel disease. Cytokine and Growth Factor Reviews, 2010, 21, 435-441.	7.2	96
86	The Serine Protease Marapsin Is Expressed in Stratified Squamous Epithelia and Is Up-regulated in the Hyperproliferative Epidermis of Psoriasis and Regenerating Wounds. Journal of Biological Chemistry, 2009, 284, 218-228.	3.4	36
87	Interleukin (IL)-23 mediates Toxoplasma gondiiâ€“induced immunopathology in the gut via matrixmetalloproteinase-2 and IL-22 but independent of IL-17. Journal of Experimental Medicine, 2009, 206, 3047-3059.	8.5	262
88	STAT3 links IL-22 signaling in intestinal epithelial cells to mucosal wound healing. Journal of Experimental Medicine, 2009, 206, 1465-1472.	8.5	880
89	Novel therapeutic targets along the Th17 pathway. European Journal of Immunology, 2009, 39, 670-675.	2.9	20
90	STAT3 links IL-22 signaling in intestinal epithelial cells to mucosal wound healing. Journal of Cell Biology, 2009, 186, i1-i1.	5.2	0

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91	Interleukin-22 mediates early host defense against attaching and effacing bacterial pathogens. Nature Medicine, 2008, 14, 282-289.	30.7	1,670
92	The Biological Functions of T Helper 17 Cell Effector Cytokines in Inflammation. Immunity, 2008, 28, 454-467.	14.3	1,721
93	IL-22 in mucosal immunity. Mucosal Immunology, 2008, 1, 335-338.	6.0	56
94	The Effects of IL-20 Subfamily Cytokines on Reconstituted Human Epidermis Suggest Potential Roles in Cutaneous Innate Defense and Pathogenic Adaptive Immunity in Psoriasis. Journal of Immunology, 2007, 178, 2229-2240.	0.8	457
95	Targeting the development and effector functions of TH17 cells. Seminars in Immunology, 2007, 19, 383-393.	5.6	73
96	Role of cytokine therapy in the treatment of psoriasis. Drug Discovery Today: Therapeutic Strategies, 2007, 4, 25-31.	0.5	0
97	Interleukin-22, a TH17 cytokine, mediates IL-23-induced dermal inflammation and acanthosis. Nature, 2007, 445, 648-651.	27.8	1,697
98	Immune response in silico (IRIS): immune-specific genes identified from a compendium of microarray expression data. Genes and Immunity, 2005, 6, 319-331.	4.1	364
99	A coreceptor interaction between the CD28 and TNF receptor family members B and T lymphocyte attenuator and herpesvirus entry mediator. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1116-1121.	7.1	231
100	ERM is required for transcriptional control of the spermatogonial stem cell niche. Nature, 2005, 436, 1030-1034.	27.8	292
101	Proteomic Profiling of Surface Proteins on Th1 and Th2 Cells. Journal of Proteome Research, 2005, 4, 400-409.	3.7	49
102	Targeting interferon-Î±: a promising approach for systemic lupus erythematosus therapy. Lupus, 2004, 13, 348-352.	1.6	33
103	The Function Role of GATA-3 in Th1 and Th2 Differentiation. Immunologic Research, 2003, 28, 25-38.	2.9	122
104	IL-18â€“stimulated GADD45Î² required in cytokine-induced, but not TCR-induced, IFN-Î³ production. Nature Immunology, 2001, 2, 157-164.	14.5	240
105	Unexpected Characteristics of the IFN-Î³ Reporters in Nontransformed T Cells. Journal of Immunology, 2001, 167, 855-865.	0.8	40
106	An Instructive Component in T Helper Cell Type 2 (Th2) Development Mediated by Gata-3. Journal of Experimental Medicine, 2001, 193, 643-650.	8.5	100
107	Friend of GATA-1 Represses GATA-3â€“dependent Activity in CD4+ T Cells. Journal of Experimental Medicine, 2001, 194, 1461-1471.	8.5	82
108	Signaling and Transcription in T Helper Development. Annual Review of Immunology, 2000, 18, 451-494.	21.8	584

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109	Stat6-Independent GATA-3 Autoactivation Directs IL-4-Independent Th2 Development and Commitment. Immunity, 2000, 12, 27-37.	14.3	630
110	The Ets transcription factor ERM is Th1-specific and induced by IL-12 through a Stat4-dependent pathway. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 3888-3893.	7.1	97
111	Induction of interferon-Î³ production in Th1 CD4+ T cells: evidence for two distinct pathways for promoter activation. European Journal of Immunology, 1999, 29, 548-555.	2.9	186
112	Inhibition of Th1 Development Mediated by GATA-3 through an IL-4-Independent Mechanism. Immunity, 1998, 9, 745-755.	14.3	722
113	The effects of 2ip and 2,4-D on rice calli differentiation. Plant Growth Regulation, 1996, 19, 19-24.	3.4	7