

Xin Chen

List of Publications by Year in descending order

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102
papers

7,232
citations

66343

42
h-index

58581

82
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106
all docs

106
docs citations

106
times ranked

10770
citing authors

#	ARTICLE	IF	CITATIONS
1	Traditional Chinese Medicine in the Treatment of Patients Infected with 2019-New Coronavirus (SARS-CoV-2): A Review and Perspective. <i>International Journal of Biological Sciences</i> , 2020, 16, 1708-1717.	6.4	708
2	Cytokine storm and leukocyte changes in mild versus severe SARS-CoV-2 infection: Review of 3939 COVID-19 patients in China and emerging pathogenesis and therapy concepts. <i>Journal of Leukocyte Biology</i> , 2020, 108, 17-41.	3.3	573
3	Interaction of TNF with TNF Receptor Type 2 Promotes Expansion and Function of Mouse CD4+CD25+ T Regulatory Cells. <i>Journal of Immunology</i> , 2007, 179, 154-161.	0.8	464
4	Cellular pharmacology studies of shikonin derivatives. <i>Phytotherapy Research</i> , 2002, 16, 199-209.	5.8	362
5	Cutting Edge: Expression of TNFR2 Defines a Maximally Suppressive Subset of Mouse CD4+CD25+FoxP3+ T Regulatory Cells: Applicability to Tumor-Infiltrating T Regulatory Cells. <i>Journal of Immunology</i> , 2008, 180, 6467-6471.	0.8	280
6	Drugs for Autoimmune Inflammatory Diseases: From Small Molecule Compounds to Anti-TNF Biologics. <i>Frontiers in Pharmacology</i> , 2017, 8, 460.	3.5	246
7	TNFR2 Is Critical for the Stabilization of the CD4+Foxp3+ Regulatory T Cell Phenotype in the Inflammatory Environment. <i>Journal of Immunology</i> , 2013, 190, 1076-1084.	0.8	244
8	Rapamycin inhibits differentiation of Th17 cells and promotes generation of FoxP3+ T regulatory cells. <i>International Immunopharmacology</i> , 2007, 7, 1819-1824.	3.8	230
9	Glucocorticoid amplifies IL-2-dependent expansion of functional FoxP3+CD4+CD25+ T regulatory cells in vivo and enhances their capacity to suppress EAE. <i>European Journal of Immunology</i> , 2006, 36, 2139-2149.	2.9	206
10	Shikonin, a Component of Chinese Herbal Medicine, Inhibits Chemokine Receptor Function and Suppresses Human Immunodeficiency Virus Type 1. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 2810-2816.	3.2	203
11	Co-expression of TNFR2 and CD25 identifies more of the functional CD4 ⁺ FOXP3 ⁺ regulatory T cells in human peripheral blood. <i>European Journal of Immunology</i> , 2010, 40, 1099-1106.	2.9	185
12	Differential response of murine CD4 ⁺ CD25 ⁺ and CD4 ⁺ CD25 ⁻ T cells to dexamethasone-induced cell death. <i>European Journal of Immunology</i> , 2004, 34, 859-869.	2.9	173
13	Enhanced topical penetration, system exposure and anti-psoriasis activity of two particle-sized, curcumin-loaded PLGA nanoparticles in hydrogel. <i>Journal of Controlled Release</i> , 2017, 254, 44-54.	9.9	129
14	Development of regulatory T cells requires IL-7R α stimulation by IL-7 or TSLP. <i>Blood</i> , 2008, 112, 3283-3292.	1.4	118
15	Expression of Costimulatory TNFR2 Induces Resistance of CD4+FoxP3 ⁺ Conventional T Cells to Suppression by CD4+FoxP3+ Regulatory T Cells. <i>Journal of Immunology</i> , 2010, 185, 174-182.	0.8	117
16	CD4 + CD25 + regulatory T cells in tumor immunity. <i>International Immunopharmacology</i> , 2016, 34, 244-249.	3.8	102
17	BALB/c mice have more CD4+CD25+ T regulatory cells and show greater susceptibility to suppression of their CD4+CD25- responder T cells than C57BL/6 mice. <i>Journal of Leukocyte Biology</i> , 2005, 78, 114-121.	3.3	101
18	TNF- α : An Activator of CD4+FoxP3+TNFR2+ Regulatory T Cells. <i>Current Directions in Autoimmunity</i> , 2010, 11, 119-134.	8.0	99

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19	Pertussis toxin as an adjuvant suppresses the number and function of CD4+CD25+ T regulatory cells. <i>European Journal of Immunology</i> , 2006, 36, 671-680.	2.9	96
20	Suppressive activity of human regulatory T cells is maintained in the presence of TNF. <i>Nature Medicine</i> , 2016, 22, 16-17.	30.7	93
21	Resolving the identity myth: Key markers of functional CD4+FoxP3+ regulatory T cells. <i>International Immunopharmacology</i> , 2011, 11, 1489-1496.	3.8	92
22	Pertussis Toxin by Inducing IL-6 Promotes the Generation of IL-17-Producing CD4 Cells. <i>Journal of Immunology</i> , 2007, 178, 6123-6129.	0.8	88
23	Contrasting effects of TNF and anti-TNF on the activation of effector T cells and regulatory T cells in autoimmunity. <i>FEBS Letters</i> , 2011, 585, 3611-3618.	2.8	88
24	TNF optimally activates regulatory T cells by inducing TNF receptor superfamily members TNFR2, CD138 and OX40. <i>European Journal of Immunology</i> , 2011, 41, 2010-2020.	2.9	88
25	Th17 cells and Tregs: unlikely allies. <i>Journal of Leukocyte Biology</i> , 2014, 95, 723-731.	3.3	81
26	Successful immunotherapy with IL-2/anti-CD40 induces the chemokine-mediated mitigation of an immunosuppressive tumor microenvironment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19455-19460.	7.1	77
27	Triptolide, a constituent of immunosuppressive Chinese herbal medicine, is a potent suppressor of dendritic-cell maturation and trafficking. <i>Blood</i> , 2005, 106, 2409-2416.	1.4	69
28	Expression of TNFR2 by regulatory T cells in peripheral blood is correlated with clinical pathology of lung cancer patients. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 1475-1485.	4.2	66
29	The phenotypic and functional consequences of tumour necrosis factor receptor type 2 expression on CD4+FoxP3+ regulatory T cells. <i>Immunology</i> , 2011, 133, 426-433.	4.4	65
30	Differential Regulation of Responsiveness to fMLP and C5a Upon Dendritic Cell Maturation: Correlation with Receptor Expression. <i>Journal of Immunology</i> , 2000, 165, 2694-2702.	0.8	64
31	Tannic acid is an inhibitor of CXCL12 (SDF-1 α)/CXCR4 with antiangiogenic activity. <i>Clinical Cancer Research</i> , 2003, 9, 3115-23.	7.0	64
32	Targeting TNFR2, an immune checkpoint stimulator and oncoprotein, is a promising treatment for cancer. <i>Science Signaling</i> , 2017, 10, .	3.6	62
33	Shikonin, a component of antiinflammatory Chinese herbal medicine, selectively blocks chemokine binding to CC chemokine receptor-1. <i>International Immunopharmacology</i> , 2001, 1, 229-236.	3.8	60
34	Regulatory T Cells and Myeloid-Derived Suppressor Cells in the Tumor Microenvironment Undergo Fas-Dependent Cell Death during IL-2/CD40 Therapy. <i>Journal of Immunology</i> , 2014, 192, 5821-5829.	0.8	60
35	The Key Role of TNF-TNFR2 Interactions in the Modulation of Allergic Inflammation: A Review. <i>Frontiers in Immunology</i> , 2018, 9, 2572.	4.8	60
36	The Alarmin HMG1 Contributes to Antitumor Immunity and Is a Potent Immunoadjuvant. <i>Cancer Research</i> , 2014, 74, 5989-5998.	0.9	56

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37	The role of CD4 ⁺ FoxP3 ⁺ regulatory T cells in the immunopathogenesis of COVID-19: implications for treatment. <i>International Journal of Biological Sciences</i> , 2021, 17, 1507-1520.	6.4	55
38	Characterization of chenodeoxycholic acid as an endogenous antagonist of the G-coupled formyl peptide receptors. <i>Inflammation Research</i> , 2000, 49, 744-755.	4.0	53
39	Effects of Shuanghuanglian and Qingkailing, two multi-components of traditional Chinese medicinal preparations, on human leukocyte function. <i>Life Sciences</i> , 2002, 70, 2897-2913.	4.3	53
40	Blockade of TNFR2 signaling enhances the immunotherapeutic effect of CpG ODN in a mouse model of colon cancer. <i>Science Signaling</i> , 2018, 11, .	3.6	50
41	Synergistic effect of all-trans-retinal and triptolide encapsulated in an inflammation-targeted nanoparticle on collagen-induced arthritis in mice. <i>Journal of Controlled Release</i> , 2020, 319, 87-103.	9.9	48
42	Modulation of Regulatory T Cell Activity by TNF Receptor Type II-Targeting Pharmacological Agents. <i>Frontiers in Immunology</i> , 2018, 9, 594.	4.8	47
43	Effective Chemoimmunotherapy with Anti-TGF β 2 Antibody and Cyclophosphamide in a Mouse Model of Breast Cancer. <i>PLoS ONE</i> , 2014, 9, e85398.	2.5	43
44	Scoparone as a therapeutic drug in liver diseases: Pharmacology, pharmacokinetics and molecular mechanisms of action. <i>Pharmacological Research</i> , 2020, 160, 105170.	7.1	43
45	IKK α is required for the homeostasis of regulatory T cells and for the expansion of both regulatory and effector CD4 T cells. <i>FASEB Journal</i> , 2015, 29, 443-454.	0.5	41
46	Enhanced uptake and anti-maturation effect of celastrol-loaded mannosylated liposomes on dendritic cells for psoriasis treatment. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 339-352.	12.0	40
47	Triptolide Attenuates Endotoxin- and Staphylococcal Exotoxin-Induced T-Cell Proliferation and Production of Cytokines and Chemokines. <i>Immunopharmacology and Immunotoxicology</i> , 2005, 27, 53-66.	2.4	39
48	Autoantigens signal through chemokine receptors: uveitis antigens induce CXCR3- and CXCR5-expressing lymphocytes and immature dendritic cells to migrate. <i>Blood</i> , 2005, 105, 4207-4214.	1.4	38
49	TNFR2 expression by CD4 effector T cells is required to induce full-fledged experimental colitis. <i>Scientific Reports</i> , 2016, 6, 32834.	3.3	37
50	Crosstalk between Tumor Cells and Macrophages in Stroma Renders Tumor Cells as the Primary Source of MCP-1/CCL2 in Lewis Lung Carcinoma. <i>Frontiers in Immunology</i> , 2015, 6, 332.	4.8	34
51	Research and development of therapeutic mAbs: An analysis based on pipeline projects. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2769-2776.	3.3	34
52	Regulatory effects of deoxycholic acid, a component of the anti-inflammatory traditional Chinese medicine Niu Huang, on human leukocyte response to chemoattractants. <i>Biochemical Pharmacology</i> , 2002, 63, 533-541.	4.4	33
53	The p38 MAPK Inhibitor SB203580 Abrogates Tumor Necrosis Factor-Induced Proliferative Expansion of Mouse CD4 ⁺ Foxp3 ⁺ Regulatory T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1556.	4.8	33
54	Chemokines and chemokine receptors as novel therapeutic targets in rheumatoid arthritis (RA): inhibitory effects of traditional Chinese medicinal components. <i>Cellular and Molecular Immunology</i> , 2004, 1, 336-42.	10.5	33

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55	Development of a Curative Therapeutic Vaccine (TheraVac) for the Treatment of Large Established Tumors. <i>Scientific Reports</i> , 2017, 7, 14186.	3.3	32
56	Characterization of MT-2 cells as a human regulatory T cell-like cell line. <i>Cellular and Molecular Immunology</i> , 2015, 12, 780-782.	10.5	30
57	Progranulin promotes tumour necrosis factor- α -induced proliferation of suppressive mouse CD ⁴ ⁺ FoxP ³ ⁺ regulatory T cells. <i>Immunology</i> , 2014, 142, 193-201.	4.4	28
58	Dendritic cells as a pharmacological target of traditional Chinese medicine. <i>Cellular and Molecular Immunology</i> , 2006, 3, 401-10.	10.5	28
59	Ageing Converts Innate B1a Cells into Potent CD8 ⁺ T Cell Inducers. <i>Journal of Immunology</i> , 2016, 196, 3385-3397.	0.8	27
60	A Perspective Review on the Role of Nanomedicine in the Modulation of TNF-TNFR2 Axis in Breast Cancer Immunotherapy. <i>Journal of Oncology</i> , 2019, 2019, 1-13.	1.3	27
61	Splenic CD19 ⁺ CD35 ⁺ B220 ⁺ cells function as an inducer of follicular dendritic cell network formation. <i>Blood</i> , 2007, 110, 1215-1224.	1.4	24
62	Tetrandrine inhibits differentiation of proinflammatory subsets of T helper cells but spares de novo differentiation of iTreg cells. <i>International Immunopharmacology</i> , 2019, 69, 307-312.	3.8	24
63	pH-sensitive loaded retinal/indocyanine green micelles as an "all-in-one" theranostic agent for multi-modal imaging in vivo guided cellular senescence-photothermal synergistic therapy. <i>Chemical Communications</i> , 2019, 55, 6209-6212.	4.1	23
64	Yin Zi Huang, an Injectable Multicomponent Chinese Herbal Medicine, Is a Potent Inhibitor of T-Cell Activation. <i>Journal of Alternative and Complementary Medicine</i> , 2004, 10, 519-526.	2.1	22
65	Uptake and trafficking of different sized PLGA nanoparticles by dendritic cells in imiquimod-induced psoriasis-like mice model. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1047-1055.	12.0	22
66	Emerging trends and new developments in monoclonal antibodies: A scientometric analysis (1980-2016). <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 1388-1397.	3.3	21
67	Functional and genomic analyses of FOXP3-transduced Jurkat-T cells as regulatory T (Treg)-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 44-50.	2.1	20
68	In vitro generated Th17 cells support the expansion and phenotypic stability of CD4 ⁺ Foxp3 ⁺ regulatory T cells in vivo. <i>Cytokine</i> , 2014, 65, 56-64.	3.2	20
69	TNFR2: Role in Cancer Immunology and Immunotherapy. <i>ImmunoTargets and Therapy</i> , 2021, Volume 10, 103-122.	5.8	20
70	A TNFR2 antibody by countering immunosuppression cooperates with HMG1 and R848 immune stimulants to inhibit murine colon cancer. <i>International Immunopharmacology</i> , 2021, 101, 108345.	3.8	19
71	Paradoxical effects of targeting TNF signalling in the treatment of autoimmunity. <i>Nature Reviews Rheumatology</i> , 2016, 12, 625-626.	8.0	17
72	TNF Receptor Type II as an Emerging Drug Target for the Treatment of Cancer, Autoimmune Diseases, and Graft-Versus-Host Disease: Current Perspectives and In Silico Search for Small Molecule Binders. <i>Frontiers in Immunology</i> , 2018, 9, 1382.	4.8	17

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73	Synergistic Effects of Nanomedicine Targeting TNFR2 and DNA Demethylation Inhibitor An Opportunity for Cancer Treatment. <i>Cells</i> , 2020, 9, 33.	4.1	16
74	The global chimeric antigen receptor T (CAR-T) cell therapy patent landscape. <i>Nature Biotechnology</i> , 2020, 38, 1387-1394.	17.5	16
75	Effects of IL-7 and dexamethasone: Induction of CD25, the high affinity IL-2 receptor, on human CD4+ cells. <i>Cellular Immunology</i> , 2004, 232, 57-63.	3.0	15
76	TNFR2-expressing CD4 ⁺ Foxp3 ⁺ regulatory T cells in cancer immunology and immunotherapy. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 164, 101-117.	1.7	15
77	Accumulation of TNFR2-expressing regulatory T cells in malignant pleural effusion of lung cancer patients is associated with poor prognosis. <i>Annals of Translational Medicine</i> , 2020, 8, 1647-1647.	1.7	14
78	Inhibition of two-pore channels in antigen-presenting cells promotes the expansion of TNFR2-expressing CD4 ⁺ Foxp3 ⁺ regulatory T cells. <i>Science Advances</i> , 2020, 6, .	10.3	13
79	Global landscape of patents related to human coronaviruses. <i>International Journal of Biological Sciences</i> , 2021, 17, 1588-1599.	6.4	10
80	A predictive paradigm for COVID-19 prognosis based on the longitudinal measure of biomarkers. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	9
81	Differential role of TNFR1 and TNFR2 in the development of imiquimod-induced mouse psoriasis. <i>Journal of Leukocyte Biology</i> , 2021, 110, 1047-1055.	3.3	9
82	Scutellarin enhances anti-tumor immune responses by reducing TNFR2-expressing CD4 ⁺ Foxp3 ⁺ regulatory T cells. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113187.	5.6	8
83	Synergistic antitumor effects of a TGF β inhibitor and cyclophosphamide. <i>Oncolmmunology</i> , 2014, 3, e28247.	4.6	7
84	Deficiency in Fpr2 results in reduced numbers of Lin ⁻ cKit ⁺ Sca1 ⁺ myeloid progenitor cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 13452-13463.	3.4	7
85	Editorial: The Role of TNF-TNFR2 Signal in Immunosuppressive Cells and Its Therapeutic Implications. <i>Frontiers in Immunology</i> , 2019, 10, 2126.	4.8	6
86	Ancient herbal component may be a novel therapeutic for gouty arthritis. <i>Journal of Leukocyte Biology</i> , 2019, 105, 7-9.	3.3	6
87	Novel Peptides Based on HIV-1 gp120 Sequence with Homology to Chemokines Inhibit HIV Infection in Cell Culture. <i>PLoS ONE</i> , 2011, 6, e14474.	2.5	6
88	Targeting Differential Roles of Tumor Necrosis Factor Receptors as a Therapeutic Strategy for Glaucoma. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	6
89	Global patent landscape of programmed cell death 1: implications of the rapid expansion. <i>Expert Opinion on Therapeutic Patents</i> , 2018, 28, 69-80.	5.0	5
90	Cyclophosphamide abrogates the expansion of CD4 ⁺ Foxp3 ⁺ regulatory T cells and enhances the efficacy of bleomycin in the treatment of mouse B16-F10 melanomas. <i>Cancer Biology and Medicine</i> , 2021, 18, 0-0.	3.0	4

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91	Dietary therapy may be sufficient for type 1 diabetes treatment. Cellular and Molecular Immunology, 2018, 15, 85-87.	10.5	2
92	A profile of TNFR2+ regulatory T cells and CD103+ dendritic cells in the peripheral blood of patients with asthma. Human Immunology, 2020, 81, 634-643.	2.4	2
93	TNF-α/TNFR2 Signal Plays a Decisive Role in the Activation of CD4+Foxp3+ Regulatory T Cells: Implications in the Treatment of Autoimmune Diseases and Cancer. Advances in Experimental Medicine and Biology, 2021, 1278, 257-272.	1.6	2
94	Triptolide Attenuates Endotoxin- and Staphylococcal Exotoxin-Induced T-Cell Proliferation and Production of Cytokines and Chemokines. Immunopharmacology and Immunotoxicology, 2005, 27, 53-66.	2.4	2
95	Topical Application of Tetrandrine Nanoemulsion Promotes the Expansion of CD4+Foxp3+ Regulatory T Cells and Alleviates Imiquimod-Induced Psoriasis in Mice. Frontiers in Immunology, 2022, 13, 800283.	4.8	2
96	RNase Protection Assay for the Study of the Differential Effects of Therapeutic Agents in Suppressing Staphylococcal Enterotoxin B-Induced Cytokines in Human Peripheral Blood Mononuclear Cells. , 2003, 214, 151-164.		1
97	Human Treg cell suppressive assays. Protocol Exchange, 0, , .	0.3	1
98	Preferential Expansion of CD4+Foxp3+ Regulatory T Cells (Tregs) In Vitro by Tumor Necrosis Factor. Methods in Molecular Biology, 2020, 2111, 71-78.	0.9	1
99	293 IFN-γ 3' untranslated region AU-RICH element-deleted mice have altered immune structure and function. Cytokine, 2008, 43, 313.	3.2	0
100	Maturation and Activation of Dendritic Cells by Botanicals Used in Traditional Chinese Medicine: Role in Immune Enhancement. , 2010, , 497-514.		0
101	Comment on "Interplay between TNF and Regulatory T Cells in a TNF-Driven Murine Model of Arthritis". Journal of Immunology, 2011, 187, 1527.1-1527.	0.8	0
102	Effects of Chinese Medicinal Components on Chemokine Receptors: Theory, Results, and Methodology. , 2016, , 187-197.		0