Renxi Wang

List of Publications by Year
in descending order

107 papers	3,419 citations	147566 31 h-index	168136 53 g-index
126 all docs	126 docs citations	126 times ranked	5283 citing authors

#	Article	IF	Citations
1	Interleukin-35 induces regulatory B cells that suppress autoimmune disease. Nature Medicine, 2014, 20, 633-641.	15.2	600
2	IL-12p35 induces expansion of IL-10 and IL-35-expressing regulatory B cells and ameliorates autoimmune disease. Nature Communications, 2017, 8, 719.	5.8	150
3	The role of C5a in acute lung injury induced by highly pathogenic viral infections. Emerging Microbes and Infections, 2015, 4, 1-7.	3.0	130
4	A novel ILâ€23p19/Ebi3 (ILâ€39) cytokine mediates inflammation in Lupusâ€like mice. European Journal of Immunology, 2016, 46, 1343-1350.	1.6	130
5	Neutrophil infiltration favors colitis-associated tumorigenesis by activating the interleukin-1 (IL-1)/IL-6 axis. Mucosal Immunology, 2014, 7, 1106-1115.	2.7	118
6	T Cell Ig Mucin-3 Promotes Homeostasis of Sepsis by Negatively Regulating the TLR Response. Journal of Immunology, 2013, 190, 2068-2079.	0.4	114
7	Interleukin 35: Critical regulator of immunity and lymphocyte-mediated diseases. Cytokine and Growth Factor Reviews, 2015, 26, 587-593.	3.2	80
8	Novel IL27p28/IL12p40 Cytokine Suppressed Experimental Autoimmune Uveitis by Inhibiting Autoreactive Th1/Th17 Cells and Promoting Expansion of Regulatory T Cells. Journal of Biological Chemistry, 2012, 287, 36012-36021.	1.6	78
9	Complement activation promotes colitis-associated carcinogenesis through activating intestinal IL-1Î²/IL-17A axis. Mucosal Immunology, 2015, 8, 1275-1284.	2.7	71
10	Treatment With Anti-C5a Antibody Improves the Outcome of H7N9 Virus Infection in African Green Monkeys. Clinical Infectious Diseases, 2015, 60, 586-595.	2.9	67
11	Tim-3 promotes tumor-promoting M2 macrophage polarization by binding to STAT1 and suppressing the STAT1-miR-155 signaling axis. OncoImmunology, 2016, 5, e1211219.	2.1	67
12	The N- and C-terminal carbohydrate recognition domains of galectin-9 contribute differently to its multiple functions in innate immunity and adaptive immunity. Molecular Immunology, 2011, 48, 670-677.	1.0	65
13	Tumor-Derived GM-CSF Promotes Inflammatory Colon Carcinogenesis via Stimulating Epithelial Release of VEGF. Cancer Research, 2014, 74, 716-726.	0.4	61
14	Retroviral delivery of GAD-IgG fusion construct induces tolerance and modulates diabetes: a role for CD4+ regulatory T cells and TGF-Î²?. Gene Therapy, 2004, 11, 1487-1496.	2.3	55
15	Critical role for thymic CD19+CD5+CD1dhiIL-10+regulatory B cells in immune homeostasis. Journal of Leukocyte Biology, 2015, 97, 547-556.	1.5	53
16	Interleukin (IL)-39 [IL-23p19/Epsteinâ€“Barr virus-induced 3 (Ebi3)] induces differentiation/expansion of neutrophils in lupus-prone mice. Clinical and Experimental Immunology, 2016, 186, 144-156.	1.1	47
17	Active Tolerance Induction and Prevention of Autoimmune Diabetes by Immunogene Therapy Using Recombinant Adenoassociated Virus Expressing Glutamic Acid Decarboxylase 65 Peptide GAD500â€“585. Journal of Immunology, 2005, 174, 4516-4524.	0.4	45
18	Tim-3 promotes intestinal homeostasis in DSS colitis by inhibiting M1 polarization of macrophages. Clinical Immunology, 2015, 160, 328-335.	1.4	44

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19	Coronary artery calcium score quantification using a deep-learning algorithm. Clinical Radiology, 2020, 75, 237.e11-237.e16.	0.5	40
20	Complement C5a regulates ILâ€17 by affecting the crosstalk between DC and Î³Î´ T cells in CLPâ€induced sepsis. European Journal of Immunology, 2010, 40, 1079-1088.	1.6	39
21	Spliceosome protein Eftud2 promotes colitis-associated tumorigenesis by modulating inflammatory response of macrophage. Mucosal Immunology, 2019, 12, 1164-1173.	2.7	39
22	Involvement of T cell Ig Mucin-3 (Tim-3) in the negative regulation of inflammatory bowel disease. Clinical Immunology, 2010, 134, 169-177.	1.4	38
23	Mendelian randomization study updates the effect of 25-hydroxyvitamin D levels on the risk of multiple sclerosis. Journal of Translational Medicine, 2022, 20, 3.	1.8	38
24	The pathogenic role of interleukin-27 in autoimmune diabetes. Cellular and Molecular Life Sciences, 2008, 65, 3851-3860.	2.4	37
25	Enhanced apoptosis in retinal pigment epithelium under inflammatory stimuli and oxidative stress. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 1144-1155.	2.2	35
26	Dysregulated Tim-3 expression and its correlation with imbalanced CD4 helper T cell function in ulcerative colitis. Clinical Immunology, 2012, 145, 230-240.	1.4	35
27	Protective role of tumor necrosis factor (TNF) receptors in chronic intestinal inflammation: TNFR1 ablation boosts systemic inflammatory response. Laboratory Investigation, 2013, 93, 1024-1035.	1.7	34
28	Interaction of CD5 and CD72 is involved in regulatory T and B cell homeostasis. Immunological Investigations, 2014, 43, 705-716.	1.0	34
29	An epithelial-to-mesenchymal transition-inducing potential of granulocyte macrophage colony-stimulating factor in colon cancer. Scientific Reports, 2017, 7, 8265.	1.6	34
30	Interleukinâ€17â€producing Î³Î´⁺ T cells protect NOD mice from type 1 diabetes through a mechanism involving transforming growth factorâ€Î². Immunology, 2010, 129, 197-206.	2.0	33
31	Opposite Role of Tumor Necrosis Factor Receptors in Dextran Sulfate Sodium-Induced Colitis in Mice. PLoS ONE, 2012, 7, e52924.	1.1	33
32	Blockade of complement activation product C5a activity using specific antibody attenuates intestinal damage in trinitrobenzene sulfonic acid induced model of colitis. Laboratory Investigation, 2011, 91, 472-483.	1.7	32
33	BAFF Suppresses IL-15 Expression in B Cells. Journal of Immunology, 2014, 192, 4192-4201.	0.4	32
34	Overexpression of protein kinase C É› improves retention and survival of transplanted mesenchymal stem cells in rat acute myocardial infarction. Cell Death and Disease, 2016, 7, e2056-e2056.	2.7	32
35	Negative regulation of Nodâ€like receptor protein 3 inflammasome activation by T cell Ig mucinâ€3 protects against peritonitis. Immunology, 2018, 153, 71-83.	2.0	30
36	Blockade of the T cell immunoglobulin and mucin domain protein 3 pathway exacerbates sepsis-induced immune deviation and immunosuppression. Clinical and Experimental Immunology, 2014, 178, 279-291.	1.1	29

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37	Î³Î²Tâ€cell function in sepsis is modulated by C5a receptor signalling. Immunology, 2011, 133, 340-349.	2.0	28
38	Essential roles of TGF-Î² in anti-CD3 antibody therapy: reversal of diabetes in nonobese diabetic mice independent of Foxp3+CD4+ regulatory T cells. Journal of Leukocyte Biology, 2008, 83, 280-287.	1.5	27
39	CT coronary angiography: Image quality with sinogram-affirmed iterative reconstruction compared with filtered back-projection. Clinical Radiology, 2013, 68, 272-278.	0.5	26
40	Regulation of IL-8 production by complement-activated product, C5a, in vitro and in vivo during sepsis. Clinical Immunology, 2010, 137, 157-165.	1.4	25
41	Diagnostic performance of 256-row detector coronary CT angiography in patients with high heart rates within a single cardiac cycle: aÂpreliminary study. Clinical Radiology, 2017, 72, 694.e7-694.e14.	0.5	25
42	Pre-existing CD19-independent GL7 â^' Breg cells are expanded during inflammation and in mice with lupus-like disease. Molecular Immunology, 2016, 71, 54-63.	1.0	24
43	Mendelian randomization study on the causal effects of omega-3 fatty acids on rheumatoid arthritis. Clinical Rheumatology, 2022, 41, 1305-1312.	1.0	24
44	Tim-3 inhibits macrophage control of Listeria monocytogenes by inhibiting Nrf2. Scientific Reports, 2017, 7, 42095.	1.6	23
45	Ligation of metabotropic glutamate receptor 3 (Grm3) ameliorates lupus-like disease by reducing B cells. Clinical Immunology, 2015, 160, 142-154.	1.4	22
46	Ebi3 promotes T- and B-cell division and differentiation via STAT3. Molecular Immunology, 2019, 107, 61-70.	1.0	22
47	Treatment of Paraquat-Induced Lung Injury With an Anti-C5a Antibody: Potential Clinical Application*. Critical Care Medicine, 2018, 46, e419-e425.	0.4	21
48	C5a Regulates IL-12+DC Migration to Induce Pathogenic Th1 and Th17 Cells in Sepsis. PLoS ONE, 2013, 8, e69779.	1.1	20
49	The protumorigenic potential of FTY720 by promoting extramedullary hematopoiesis and MDSC accumulation. Oncogene, 2017, 36, 3760-3771.	2.6	20
50	Post-transcriptional regulator Rbm47 elevates IL-10 production and promotes the immunosuppression of B cells. Cellular and Molecular Immunology, 2019, 16, 580-589.	4.8	19
51	BAFF maintains T-cell survival by inducing OPN expression in B cells. Molecular Immunology, 2014, 57, 129-137.	1.0	17
52	Foxd3 suppresses interleukinâ€10 expression in B cells. Immunology, 2017, 150, 478-488.	2.0	17
53	Antiâ€ILâ€39 (ILâ€23p19/Ebi3) polyclonal antibodies ameliorate autoimmune symptoms in lupusâ€like mice. Molecular Medicine Reports, 2018, 17, 1660-1666.	1.1	17
54	CD8⁺ regulatory T cells are responsible for GADâ€IgG geneâ€transferred tolerance induction in NOD mice. Immunology, 2009, 126, 123-131.	2.0	16

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55	Both Notch1 and its ligands in B cells promote antibody production. Molecular Immunology, 2017, 91, 17-23.	1.0	16
56	Combination of TACI-IgG and anti-IL-15 treats murine lupus by reducing mature and memory B cells. Cellular Immunology, 2014, 289, 140-144.	1.4	15
57	Metabotropic glutamate receptor 3 is involved in B-cell-related tumor apoptosis. International Journal of Oncology, 2016, 49, 1469-1478.	1.4	15
58	The E3 ubiquitin ligase Itch is required for B-cell development. Scientific Reports, 2019, 9, 421.	1.6	15
59	Gene delivery GAD500 autoantigen by AAV serotype 1 prevented diabetes in NOD mice: Transduction efficiency do not play important roles. Immunology Letters, 2008, 115, 110-116.	1.1	14
60	Carotid Endarterectomy with Stent Removal in Management of In-stent Restenosis: A Safe, Feasible, and Effective Technique. European Journal of Vascular and Endovascular Surgery, 2014, 47, 8-12.	0.8	14
61	Increased mTOR cancels out the effect of reduced Xbp-1 on antibody secretion in IL-1Î±-deficient B cells. Cellular Immunology, 2018, 328, 9-17.	1.4	14
62	Genetic variation of interleukin-1 receptor type 1 is associated with severity of COVID-19 disease. Journal of Infection, 2022, 84, e19-e21.	1.7	14
63	Tim-3 Promotes Listeria monocytogenes Immune Evasion by Suppressing Major Histocompatibility Complex Class I. Journal of Infectious Diseases, 2020, 221, 830-840.	1.9	13
64	Mendelian Randomization Study on the Putative Causal Effects of Omega-3 Fatty Acids on Low Back Pain. Frontiers in Nutrition, 2022, 9, 819635.	1.6	13
65	Foxp3-expressing CD4+T Cells Under the Control of IFN-Î³ Promoter Prevent Diabetes in NOD Mice. Molecular Therapy, 2007, 15, 1551-1557.	3.7	12
66	BC094916 suppressed SP 2/0 xenograft tumor by down-regulating Creb1 and Bcl2 transcription. Cancer Cell International, 2018, 18, 138.	1.8	12
67	Genetic variation associated with COVID-19 is also associated with endometrial cancer. Journal of Infection, 2022, 84, e85-e86.	1.7	12
68	Mendelian randomization study on the causal effects of COVIDâ€19 on childhood intelligence. Journal of Medical Virology, 2022, 94, 3233-3239.	2.5	12
69	The role of STAT3 in antigen-IgG inducing regulatory CD4+Foxp3+T cells. Cellular Immunology, 2007, 246, 103-109.	1.4	11
70	Colitogenic role of tumour necrosis factor (TNF) receptors in trinitrobenzene sulphonic acid colitis: TNF-R1 ablation does not affect systemic inflammatory response. Clinical and Experimental Immunology, 2011, 165, 372-382.	1.1	11
71	B cell activating factor (BAFF) selects IL-10 â^' B cells over IL-10 + B cells during inflammatory responses. Molecular Immunology, 2017, 85, 18-26.	1.0	11
72	T cell immunoglobulin and mucin domain protein 3 inhibits glycolysis in RAW 264.7 macrophages through Hexokinase 2. Scandinavian Journal of Immunology, 2021, 93, e12981.	1.3	11

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73	IL-17A Signaling in Colonic Epithelial Cells Inhibits Pro-Inflammatory Cytokine Production by Enhancing the Activity of ERK and PI3K. PLoS ONE, 2014, 9, e89714.	1.1	11
74	IL-15-secreting Î³ÎŤ cells induce memory T cells in experimental allergic encephalomyelitis (EAE) mice. Molecular Immunology, 2015, 66, 402-408.	1.0	10
75	Gm40600 suppressed SP 2/0 isograft tumor by reducing Blimp1 and Xbp1 proteins. BMC Cancer, 2019, 19, 700.	1.1	10
76	Loc108167440 suppressed myeloma cell growth by P53-mediated apoptosis. Leukemia and Lymphoma, 2019, 60, 2541-2548.	0.6	10
77	CD19 regulates ADAM28â€mediated Notch2 cleavage to control the differentiation of marginal zone precursors to MZ B cells. Journal of Cellular and Molecular Medicine, 2017, 21, 3658-3669.	1.6	9
78	Hemorrhagic patterns and their risk factors in patients with moyamoya disease. European Journal of Neurology, 2020, 27, 2499-2507.	1.7	9
79	Glutamic Acid Decarboxylase-Derived Epitopes with Specific Domains Expand CD4+CD25+ Regulatory T Cells. PLoS ONE, 2009, 4, e7034.	1.1	9
80	Genetic variation of allergic disease is associated with the susceptibility to COVID-19. Journal of Infection, 2022, 84, e92-e93.	1.7	9
81	Induction of Active Tolerance and Involvement of CD1d-Restricted Natural Killer T Cells in Anti-CD3 F(abâ€²)2 Treatment-Reversed New-Onset Diabetes in Nonobese Diabetic Mice. American Journal of Pathology, 2008, 172, 972-979.	1.9	8
82	Natural Killer Cells Modulate Overt Autoimmunity to Homeostasis in Nonobese Diabetic Mice after Anti-CD3 F(abâ€²)2 Antibody Treatment through Secreting Transforming Growth Factor-Î². American Journal of Pathology, 2009, 175, 1086-1094.	1.9	8
83	Monoclonal antibody against human Timâ€3 enhances antiviral immune response. Scandinavian Journal of Immunology, 2019, 89, e12738.	1.3	8
84	Experimental immunology Blockade of B-cell activating factor with TACI-IgG effectively reduced Th1 and Th17 cells but not memory T cells in experimental allergic encephalomyelitis mice. Central-European Journal of Immunology, 2015, 2, 142-148.	0.4	7
85	Hspa13 Promotes Plasma Cell Production and Antibody Secretion. Frontiers in Immunology, 2020, 11, 913.	2.2	7
86	Ubiquitination and degradation of NF90 by Tim-3 inhibits antiviral innate immunity. ELife, 2021, 10, .	2.8	7
87	Mechanisms of Regulatory T-cell Induction by Antigen-IgG-transduced Splenocytes. Scandinavian Journal of Immunology, 2007, 66, 515-522.	1.3	5
88	Identify the key amino acid of BAFF binding with TACI. Cellular Immunology, 2013, 284, 84-90.	1.4	5
89	Novel IL-6-secreting Î³ÎŤ cells increased in patients with atherosclerotic cerebral infarction. Molecular Medicine Reports, 2015, 11, 1497-1503.	1.1	5
90	Single-cell atlas of splenocytes reveals a critical role of a novel plasma cellâ€'specific marker Hspa13 in antibody class-switching recombination and somatic hypermutation. Molecular Immunology, 2022, 141, 79-86.	1.0	5

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91	Tim-3 Relieves Experimental Autoimmune Encephalomyelitis by Suppressing MHC-II. Frontiers in Immunology, 2021, 12, 770402.	2.2	5
92	Angiographic characteristics in Moyamoya disease with the p.R4810K variant: a propensity scoreâ€matched analysis. European Journal of Neurology, 2020, 27, 856-863.	1.7	4
93	Gm6377 suppressed SP 2/0 xenograft tumor by down-regulating Myc transcription. Clinical and Translational Oncology, 2020, 22, 1463-1471.	1.2	4
94	Gm40600 promotes CD4 + Tâ€cell responses by interacting with Ahnak. Immunology, 2021, 164, 190-206.	2.0	4
95	Reply to Erlwein et al. and Martin: On detection of murine leukemia virus-related virus gene sequences in blood of patients with chronic fatigue syndrome and healthy blood donors. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, .	3.3	3
96	Gm614 Protects Germinal Center B Cells From Death by Suppressing Caspase-1 Transcription in Lupus-Prone Mice. Frontiers in Immunology, 2020, 11, 585726.	2.2	3
97	GAD-IgG-inducing CD4+Foxp3+Treg Cells Suppressing Diabetes Are Involved in the Increasing Ratio of CD80+:CD86+ Cells in NOD Mice. Archives of Medical Research, 2008, 39, 299-305.	1.5	2
98	The E3 ubiquitin ligase Itch deficiency promotes antigenâ€driven Bâ€cell responses in mice. European Journal of Immunology, 2021, 51, 103-114.	1.6	2
99	B cells regulate thymic CD8+T cell differentiation in lupus-prone mice. Oncotarget, 2017, 8, 89486-89499.	0.8	2
100	Foxp3-Mediated Immunity of Human Pancreatic Cancer Cell Line PANC-1. American Journal of Immunology, 2009, 5, 101-107.	0.1	2
101	Diabetes is not prevented by Foxp3-transduced CD4+T cells under the IL-12RÎ²2 promoter control. Molecular Immunology, 2008, 45, 3814-3817.	1.0	1
102	B cell activating factor (BAFF) induces the transcription of recombination-activating genes in transitional stage 1 B cells. Central-European Journal of Immunology, 2013, 3, 336-342.	0.4	1
103	Peripheral Injection of Tim-3 Antibody Attenuates VSV Encephalitis by Enhancing MHC-I Presentation. Frontiers in Immunology, 2021, 12, 667478.	2.2	1
104	Mechanisms Underlying B-cell Tolerance Induction by Antigenâ€“Immunoglobulin G Gene Transfer. Journal of International Medical Research, 2007, 35, 781-789.	0.4	0
105	Change of learning and memory ability and IGF-1 level in type 3 diabetes rats and effect of analog P165 of APP 5-mer peptide. European Psychiatry, 2011, 26, 503-503.	0.1	0
106	LONG-TERM CALORIC RESTRICTION PREVENTS AGE-RELATED LEARNING IMPAIRMENT VIA SUPPRESSION OF APOPTOSIS. Innovation in Aging, 2017, 1, 156-156.	0.0	0
107	Targeted therapy of multiple myeloma. Exploration of Targeted Anti-tumor Therapy, 0, , .	0.5	0