Wenda Gao

List of Publications by Year
in descending order

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62 papers	15,278 citations	126907 33 h-index	128289 60 g-index
63 all docs	63 docs citations	63 times ranked	19666 citing authors

#	Article	IF	Citations
1	Reciprocal developmental pathways for the generation of pathogenic effector TH17 and regulatory T cells. Nature, 2006, 441, 235-238.	27.8	6,365
2	Adenosine generation catalyzed by CD39 and CD73 expressed on regulatory T cells mediates immune suppression. Journal of Experimental Medicine, 2007, 204, 1257-1265.	8.5	2,000
3	IL-21 initiates an alternative pathway to induce proinflammatory TH17 cells. Nature, 2007, 448, 484-487.	27.8	1,650
4	IL-4 inhibits TGF-Î²-induced Foxp3+ T cells and, together with TGF-Î², generates IL-9+ IL-10+ Foxp3â^' effector T cells. Nature Immunology, 2008, 9, 1347-1355.	14.5	980
5	Myelin-specific regulatory T cells accumulate in the CNS but fail to control autoimmune inflammation. Nature Medicine, 2007, 13, 423-431.	30.7	747
6	In vivo imaging of Treg cells providing immune privilege to the haematopoietic stem-cell niche. Nature, 2011, 474, 216-219.	27.8	502
7	CD39 and control of cellular immune responses. Purinergic Signalling, 2007, 3, 171-180.	2.2	233
8	Structures and biological functions of IL-31 and IL-31 receptors. Cytokine and Growth Factor Reviews, 2008, 19, 347-356.	7.2	226
9	Urinary neutrophil gelatinase-associated lipocalin (NGAL) is an early biomarker for renal tubulointerstitial injury in IgA nephropathy. Clinical Immunology, 2007, 123, 227-234.	3.2	181
10	PDâ€Ł2 expression extends beyond dendritic cells/macrophages to B1 cells enriched for V_H11/V_H12 and phosphatidylcholine binding. European Journal of Immunology, 2007, 37, 2405-2410.	2.9	173
11	Reciprocal generation of Th1/Th17 and T_{reg} cells by B1 and B2 B cells. European Journal of Immunology, 2007, 37, 2400-2404.	2.9	147
12	Stimulating PD-1???negative signals concurrent with blocking CD154 co-stimulation induces long-term islet allograft survival1. Transplantation, 2003, 76, 994-999.	1.0	140
13	Allograft rejection is restrained by short-lived TIM-3+PD-1+Foxp3+ Tregs. Journal of Clinical Investigation, 2012, 122, 2395-2404.	8.2	120
14	Treg versus Th17 lymphocyte lineages are cross-regulated by LIF versus IL-6. Cell Cycle, 2009, 8, 1444-1450.	2.6	107
15	Paracrine co-delivery of TGF-Î² and IL-2 using CD4-targeted nanoparticles for induction and maintenance of regulatory T cells. Biomaterials, 2015, 59, 172-181.	11.4	104
16	Exogenous IFNâ€Î³ ex vivo shapes the alloreactive Tâ€cell repertoire by inhibition of Th17 responses and generation of functional Foxp3⁺ regulatory T cells. European Journal of Immunology, 2008, 38, 2512-2527.	2.9	102
17	Heme oxygenaseâ€1, carbon monoxide, and bilirubin induce tolerance in recipients toward islet allografts by modulating T regulatory cells. FASEB Journal, 2007, 21, 3450-3457.	0.5	100
18	Modulation of CD4+ T Lymphocyte Lineage Outcomes with Targeted, Nanoparticle-Mediated Cytokine Delivery. Molecular Pharmaceutics, 2011, 8, 143-152.	4.6	94

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19	CD4+ Regulatory T Cells Are Spared from Deletion by Antilymphocyte Serum, a Polyclonal Anti-T Cell Antibody. Journal of Immunology, 2006, 176, 4125-4132.	0.8	88
20	PD-L1 is expressed by human renal tubular epithelial cells and suppresses T cell cytokine synthesis. Clinical Immunology, 2005, 115, 184-191.	3.2	86
21	Donor Treatment With Carbon Monoxide Can Yield Islet Allograft Survival and Tolerance. Diabetes, 2005, 54, 1400-1406.	0.6	83
22	Mechanisms Underlying Blockade of Allograft Acceptance by TLR Ligands. Journal of Immunology, 2008, 181, 1692-1699.	0.8	82
23	CD39 and CD161 Modulate Th17 Responses in Crohn's Disease. Journal of Immunology, 2014, 193, 3366-3377.	0.8	79
24	Interleukin-6 is required for parasite specific response and host resistance to Trypanosoma cruzi. International Journal for Parasitology, 2002, 32, 167-170.	3.1	74
25	The Trypanosoma cruzi trans-sialidase is a T cell-independent B cell mitogen and an inducer of non-specific Ig secretion. International Immunology, 2002, 14, 299-308.	4.0	68
26	OX40 Controls Functionally Different T Cell Subsets and Their Resistance to Depletion Therapy. Journal of Immunology, 2007, 179, 5584-5591.	0.8	62
27	OX40/OX40L Costimulation Affects Induction of Foxp3+ Regulatory T Cells in Part by Expanding Memory T Cells In Vivo. Journal of Immunology, 2008, 181, 3193-3201.	0.8	62
28	Delivering PD-1 inhibitory signal concomitant with blocking ICOS co-stimulation suppresses lupus-like syndrome in autoimmune BXSB mice. Clinical Immunology, 2006, 118, 258-267.	3.2	55
29	Immuno-Isolation of Pancreatic Islet Allografts Using Pegylated Nanotherapy Leads to Long-Term Normoglycemia in Full MHC Mismatch Recipient Mice. PLoS ONE, 2012, 7, e50265.	2.5	55
30	The Trypanosoma cruzi trans-Sialidase, through Its Cooh-Terminal Tandem Repeat, Upregulates Interleukin 6 Secretion in Normal Human Intestinal Microvascular Endothelial Cells and Peripheral Blood Mononuclear Cells. Journal of Experimental Medicine, 1999, 190, 1825-1836.	8.5	53
31	Human CD4+ Memory T Cells Can Become CD4+IL-9+ T Cells. PLoS ONE, 2010, 5, e8706.	2.5	51
32	Heterologous Expression of Trypanosoma cruzi trans -Sialidase in Leishmania major Enhances Virulence. Infection and Immunity, 2000, 68, 2728-2734.	2.2	42
33	Trypanosoma cruzi trans-sialidase potentiates T cell activation through antigen-presenting cells: role of IL-6 and Bruton's tyrosine kinase. European Journal of Immunology, 2001, 31, 1503-1512.	2.9	37
34	Luffin-S-a small novel ribosome-inactivating protein fromLuffa cylindrica. FEBS Letters, 1994, 347, 257-260.	2.8	27
35	Suppression of expression and function of negative immune regulator PD-1 by certain pattern recognition and cytokine receptor signals associated with immune system danger. International Immunology, 2004, 16, 1181-1188.	4.0	27
36	On CD28/CD40 Ligand Costimulation, Common Î³-Chain Signals, and the Alloimmune Response. Journal of Immunology, 2002, 168, 4382-4390.	0.8	25

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37	Blockade of Bâ€cellâ€activating factor suppresses lupusâ€like syndrome in autoimmune BXSB mice. Journal of Cellular and Molecular Medicine, 2010, 14, 1717-1725.	3.6	25
38	Carbon Monoxide Suppresses Membrane Expression of TLR4 via Myeloid Differentiation Factor-2 in Î²TC3 Cells. Journal of Immunology, 2010, 185, 2134-2139.	0.8	24
39	Negative T cell costimulation and islet tolerance. Diabetes/Metabolism Research and Reviews, 2003, 19, 179-185.	4.0	19
40	Inhibition of Replication and Infection of Severe Acute Respiratory Syndrome-Associated Coronavirus with Plasmid-Mediated Interference RNA. Antiviral Therapy, 2005, 10, 527-533.	1.0	19
41	Novel high-throughput cell-based hybridoma screening methodology using the Celigo Image Cytometer. Journal of Immunological Methods, 2017, 447, 23-30.	1.4	17
42	Protection of Mammalian Cells from Severe Acute Respiratory Syndrome Coronavirus Infection by Equine Neutralizing Antibody. Antiviral Therapy, 2005, 10, 681-690.	1.0	15
43	Induction of specific human primary immune responses to a Semliki Forest virus?based tumor vaccine in a Trimera mouse model. Cancer Immunology, Immunotherapy, 2005, 54, 489-498.	4.2	13
44	Rapamycin Generates Graft-Homing Murine Suppressor CD8⁺T Cells That Confer Donor-Specific Graft Protection. Cell Transplantation, 2011, 20, 1759-1769.	2.5	13
45	Activated mouse CD4+Foxp3â^' T cells facilitate melanoma metastasis via Qa-1-dependent suppression of NK-cell cytotoxicity. Cell Research, 2012, 22, 1696-1706.	12.0	13
46	Novel ELISA Protocol Links Pre-Existing SARS-CoV-2 Reactive Antibodies With Endemic Coronavirus Immunity and Age and Reveals Improved Serologic Identification of Acute COVID-19 via Multi-Parameter Detection. Frontiers in Immunology, 2021, 12, 614676.	4.8	13
47	The Pathogenic Roles of IL-22 in Colitis: Its Transcription Regulation by Musculin in T Helper Subsets and Innate Lymphoid Cells. Frontiers in Immunology, 2021, 12, 758730.	4.8	12
48	Signal sequence is still required in genes downstream of â€œautocleavingâ€•2A peptide for secretary or membrane-anchored expression. Analytical Biochemistry, 2010, 399, 144-146.	2.4	11
49	A novel recombinant immunotoxin with the smallest ribosome-inactivating protein Luffin P1: T cell cytotoxicity and prolongation of allograft survival. Journal of Cellular and Molecular Medicine, 2009, 14, 578-86.	3.6	8
50	Donorâ€strainâ€derived immature dendritic cell preâ€treatment induced hyporesponsiveness against allogeneic antigens. Immunology, 2010, 129, 567-577.	4.4	7
51	Fluorescence tagging and inducible depletion of PDâ€L2â€“expressing Bâ€1 B cells in vivo. Annals of the New York Academy of Sciences, 2015, 1362, 77-85.	3.8	7
52	Musculin is highly enriched in Th17 and ILâ€22â€producing ILC3s and restrains proâ€inflammatory cytokines in murine colitis. European Journal of Immunology, 2021, 51, 995-998.	2.9	7
53	Distinctive role of donor strain immature dendritic cells in the creation of allograft tolerance. International Immunology, 2006, 18, 1771-1777.	4.0	6
54	Musculin Deficiency Aggravates Colonic Injury and Inflammation in Mice with Inflammatory Bowel Disease. Inflammation, 2020, 43, 1455-1463.	3.8	6

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55	Longitudinal waning of mRNA vaccine-induced neutralizing antibodies against SARS-CoV-2 detected by an LFIA rapid test. Antibody Therapeutics, 2022, 5, 55-62.	1.9	6
56	Potential role of IL-37 signaling pathway in feedback regulation of autoimmune Hashimoto thyroiditis. Histochemistry and Cell Biology, 2019, 152, 467-473.	1.7	3
57	An IgA mimicry of IgG that binds polymeric immunoglobulin receptor for mucosa transcytosis. Antibody Therapeutics, 2020, 3, 157-162.	1.9	2
58	Cross-species higher sensitivities of FcÎ³RIIIA/FcÎ³RIV to afucosylated IgG for enhanced ADCC. Antibody Therapeutics, 2021, 4, 159-170.	1.9	2
59	A mini-IRES sequence for stringent selection of high producers. Journal of Biosciences, 2013, 38, 245-249.	1.1	1
60	Fc Receptor-Dependent Trogocytosis of CD39 Impacts Engraftment and Invasiveness of Acute Myeloid Leukemia Cells. Blood, 2021, 138, 3298-3298.	1.4	1
61	Expression of acute phase protein 24p3 in Con-A-induced autoimmune hepatitis. Orvosi Hetilap, 2011, 5, 49-56.	0.2	0
62	Adenovirus-Mediated PD-L1 Over-Expression Has Differential Effects on Allograft Survival in Murine Islet and Heart Transplant Models.. Blood, 2004, 104, 4960-4960.	1.4	0