Qizhi Tang

List of Publications by Year
in descending order

109	13,903	41344	29157
papers	citations	49	104
		h-index	g-index

113	113	113	14768
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In Vitroâ€“expanded Antigen-specific Regulatory T Cells Suppress Autoimmune Diabetes. Journal of Experimental Medicine, 2004, 199, 1455-1465.	8.5	1,082
2	The Foxp3+ regulatory T cell: a jack of all trades, master of regulation. Nature Immunology, 2008, 9, 239-244.	14.5	880
3	Type 1 diabetes immunotherapy using polyclonal regulatory T cells. Science Translational Medicine, 2015, 7, 315ra189.	12.4	767
4	Visualizing regulatory T cell control of autoimmune responses in nonobese diabetic mice. Nature Immunology, 2006, 7, 83-92.	14.5	718
5	IRE1Î± Induces Thioredoxin-Interacting Protein to Activate the NLRP3 Inflammasome and Promote Programmed Cell Death under Irremediable ER Stress. Cell Metabolism, 2012, 16, 250-264.	16.2	707
6	Interactions between PD-1 and PD-L1 promote tolerance by blocking the TCRâ€“induced stop signal. Nature Immunology, 2009, 10, 1185-1192.	14.5	659
7	Central Role of Defective Interleukin-2 Production in the Triggering of Islet Autoimmune Destruction. Immunity, 2008, 28, 687-697.	14.3	646
8	Cutting Edge: CD28 Controls Peripheral Homeostasis of CD4+CD25+ Regulatory T Cells. Journal of Immunology, 2003, 171, 3348-3352.	0.8	607
9	Loss of integrin Î±vÎ²8 on dendritic cells causes autoimmunity and colitis in mice. Nature, 2007, 449, 361-365.	27.8	463
10	IL-2 reverses established type 1 diabetes in NOD mice by a local effect on pancreatic regulatory T cells. Journal of Experimental Medicine, 2010, 207, 1871-1878.	8.5	368
11	Distinct roles of CTLA-4 and TGF-? in CD4+CD25+ regulatory T?cell function. European Journal of Immunology, 2004, 34, 2996-3005.	2.9	361
12	Next-generation regulatory T cell therapy. Nature Reviews Drug Discovery, 2019, 18, 749-769.	46.4	311
13	Insulin-induced remission in new-onset NOD mice is maintained by the PD-1â€“PD-L1 pathway. Journal of Experimental Medicine, 2006, 203, 2737-2747.	8.5	280
14	Regulatory cell therapy in kidney transplantation (The ONE Study): a harmonised design and analysis of seven non-randomised, single-arm, phase 1/2A trials. Lancet, The, 2020, 395, 1627-1639.	13.7	266
15	ERM-Dependent Movement of CD43 Defines a Novel Protein Complex Distal to the Immunological Synapse. Immunity, 2001, 15, 739-750.	14.3	239
16	Expansion of Functional Endogenous Antigen-Specific CD4+CD25+ Regulatory T Cells from Nonobese Diabetic Mice. Journal of Immunology, 2005, 175, 3053-3059.	0.8	232
17	Suppression of Disease in New Zealand Black/New Zealand White Lupus-Prone Mice by Adoptive Transfer of Ex Vivo Expanded Regulatory T Cells. Journal of Immunology, 2006, 177, 1451-1459.	0.8	231
18	How do CD4+CD25+ regulatory T cells control autoimmunity?. Current Opinion in Immunology, 2005, 17, 638-642.	5.5	221

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19	Regulatory T-cell physiology and application to treat autoimmunity.. Immunological Reviews, 2006, 212, 217-237.	6.0	212
20	Regulatory T-Cell Therapy in Transplantation: Moving to the Clinic. Cold Spring Harbor Perspectives in Medicine, 2013, 3, a015552-a015552.	6.2	190
21	Stem Cell Therapies for Treating Diabetes: Progress and Remaining Challenges. Cell Stem Cell, 2018, 22, 810-823.	11.1	189
22	Islet-Derived CD4 T Cells Targeting Proinsulin in Human Autoimmune Diabetes. Diabetes, 2017, 66, 722-734.	0.6	154
23	Anti-CD3 Therapy Promotes Tolerance by Selectively Depleting Pathogenic Cells while Preserving Regulatory T Cells. Journal of Immunology, 2011, 187, 2015-2022.	0.8	150
24	CD4+Foxp3+ regulatory T cell therapy in transplantation. Journal of Molecular Cell Biology, 2012, 4, 11-21.	3.3	148
25	Notch 1 Signaling Regulates Peripheral T Cell Activation. Immunity, 2004, 20, 407-415.	14.3	146
26	Therapeutic vaccination using CD4⁺CD25⁺antigen-specific regulatory T cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14622-14626.	7.1	143
27	Transplant trials with Tregs: perils and promises. Journal of Clinical Investigation, 2017, 127, 2505-2512.	8.2	139
28	Ex Vivo-Expanded CD4+CD25+ Immunoregulatory T Cells Prevent Graft-versus-Host-Disease by Inhibiting Activation/Differentiation of Pathogenic T Cells. Journal of Immunology, 2006, 176, 1266-1273.	0.8	127
29	Regulatory T-cell therapy for autoimmune and autoinflammatory diseases: The next frontier. Journal of Allergy and Clinical Immunology, 2018, 142, 1710-1718.	2.9	124
30	T _{reg} cellsâ€”the next frontier of cell therapy. Science, 2018, 362, 154-155.	12.6	124
31	Maternal T cells limit engraftment after in utero hematopoietic cell transplantation in mice. Journal of Clinical Investigation, 2011, 121, 582-592.	8.2	123
32	Regulatory T-cell therapy for transplantation. Current Opinion in Organ Transplantation, 2012, 17, 349-354.	1.6	114
33	Antigen-specific regulatory T cellsâ€”Ex vivo expansion and therapeutic potential. Seminars in Immunology, 2006, 18, 103-110.	5.6	111
34	Mechanisms of PDL1-mediated regulation of autoimmune diabetes. Clinical Immunology, 2007, 125, 16-25.	3.2	111
35	Adoptive Treg Cell Therapy in a Patient With Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2019, 71, 431-440.	5.6	103
36	T Regulatory Cells in Autoimmune Diabetes: Past Challenges, Future Prospects. Journal of Clinical Immunology, 2008, 28, 677-684.	3.8	102

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37	Impact of Immune-Modulatory Drugs on Regulatory T Cell. Transplantation, 2016, 100, 2288-2300.	1.0	99
38	Alloreactive fetal T cells promote uterine contractility in preterm labor via IFN-Î³ and TNF-Î±. Science Translational Medicine, 2018, 10, .	12.4	98
39	The effect of low-dose IL-2 and Treg adoptive cell therapy in patients with type 1 diabetes. JCI Insight, 2021, 6, .	5.0	91
40	CTLA-4 regulates the requirement for cytokine-induced signals in TH2 lineage commitment. Nature Immunology, 2003, 4, 182-188.	14.5	88
41	Targeting Treg signaling for the treatment of autoimmune diseases. Current Opinion in Immunology, 2015, 37, 11-20.	5.5	79
42	Report of the Key Opinion Leaders Meeting on Stem Cell-derived Beta Cells. Transplantation, 2018, 102, 1223-1229.	1.0	72
43	Polycaprolactone Thin-Film Micro- and Nanoporous Cell-Encapsulation Devices. ACS Nano, 2015, 9, 5675-5682.	14.6	71
44	Nanoporous Immunoprotective Device for Stem-Cell-Derived Î²-Cell Replacement Therapy. ACS Nano, 2017, 11, 7747-7757.	14.6	71
45	Prevention of Diabetes by FTY720-Mediated Stabilization of Peri-Islet Tertiary Lymphoid Organs. Diabetes, 2010, 59, 1461-1468.	0.6	69
46	B cell-derived IL-10 suppresses inflammatory disease in Lyn-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E823-32.	7.1	69
47	Amplification of Autoimmune Response through Induction of Dendritic Cell Maturation in Inflamed Tissues. Journal of Immunology, 2009, 182, 2590-2600.	0.8	66
48	Revealing the specificity of regulatory T cells in murine autoimmune diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5265-5270.	7.1	64
49	The CD28-Transmembrane Domain Mediates Chimeric Antigen Receptor Heterodimerization With CD28. Frontiers in Immunology, 2021, 12, 639818.	4.8	60
50	Functional CRISPR dissection of gene networks controlling human regulatory T cell identity. Nature Immunology, 2020, 21, 1456-1466.	14.5	57
51	Antigen Recognition in the Islets Changes with Progression of Autoimmune Islet Infiltration. Journal of Immunology, 2015, 194, 522-530.	0.8	56
52	Early expansion of donor-specific Tregs in tolerant kidney transplant recipients. JCI Insight, 2018, 3, .	5.0	54
53	Virtual Global Transplant Laboratory Standard Operating Procedures for Blood Collection, PBMC Isolation, and Storage. Transplantation Direct, 2016, 2, e101.	1.6	47
54	Spontaneous Development of a Pancreatic Exocrine Disease in CD28-Deficient NOD Mice. Journal of Immunology, 2008, 180, 7793-7803.	0.8	44

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55	Plasmacytoid DCs and Treg cells: casual acquaintance or monogamous relationship?. Nature Immunology, 2006, 7, 551-553.	14.5	43
56	Minimum Information about T Regulatory Cells: A Step toward Reproducibility and Standardization. Frontiers in Immunology, 2017, 8, 1844.	4.8	43
57	Requirements for Prolongation of Allograft Survival with Regulatory T Cell Infusion in Lymphosufficient Hosts. Journal of Surgical Research, 2011, 169, e69-e75.	1.6	41
58	Direct and indirect antigen presentation lead to deletion of donor-specific T cells after in utero hematopoietic cell transplantation in mice. Blood, 2013, 121, 4595-4602.	1.4	41
59	Mitigating Ischemic Injury of Stem Cell-Derived Insulin-Producing Cells after Transplant. Stem Cell Reports, 2017, 9, 807-819.	4.8	41
60	Selective deletion of human leukocyte antigens protects stem cell-derived islets from immune rejection. Cell Reports, 2021, 36, 109538.	6.4	41
61	Silicon nanopore membrane (SNM) for islet encapsulation and immunoisolation under convective transport. Scientific Reports, 2016, 6, 23679.	3.3	40
62	Altered balance between effector T cells and FOXP3⁺HELIOS⁺regulatory T cells after thymoglobulin induction in kidney transplant recipients. Transplant International, 2012, 25, 1257-1267.	1.6	38
63	Fetal Intervention Increases Maternal T Cell Awareness of the Foreign Conceptus and Can Lead to Immune-Mediated Fetal Demise. Journal of Immunology, 2014, 192, 1938-1945.	0.8	38
64	Precision Engineering of an Anti-HLA-A2 Chimeric Antigen Receptor in Regulatory T Cells for Transplant Immune Tolerance. Frontiers in Immunology, 2021, 12, 686439.	4.8	37
65	CD28/B7 Regulation of Anti-CD3-Mediated Immunosuppression In Vivo. Journal of Immunology, 2003, 170, 1510-1516.	0.8	36
66	Imaging the function of regulatory T cells in vivo. Current Opinion in Immunology, 2006, 18, 496-502.	5.5	36
67	Restoring Regulatory T Cells in Type 1 Diabetes. Current Diabetes Reports, 2016, 16, 110.	4.2	35
68	Interleukin-6 blockade with tocilizumab increases Tregs and reduces T effector cytokines in renal graft inflammation: A randomized controlled trial. American Journal of Transplantation, 2021, 21, 2543-2554.	4.7	34
69	A human mutation in STAT3 promotes type 1 diabetes through a defect in CD8+ T cell tolerance. Journal of Experimental Medicine, 2021, 218, .	8.5	32
70	NKG2C Natural Killer Cells in Bronchoalveolar Lavage Are Associated With Cytomegalovirus Viremia and Poor Outcomes in Lung Allograft Recipients. Transplantation, 2019, 103, 493-501.	1.0	30
71	Ex vivo model of leukocyte migration into herpes simplex virus-infected mouse corneas. Journal of Leukocyte Biology, 1996, 60, 167-173.	3.3	27
72	The Role of Regulatory T Cells in Pulmonary Arterial Hypertension. Frontiers in Immunology, 2021, 12, 684657.	4.8	27

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73	Development and applications of surface-linked single chain antibodies against T-cell antigens. Journal of Immunological Methods, 2001, 248, 77-90.	1.4	25
74	Therapeutic Regulatory T Cells Subvert Effector T Cell Function in Inflamed Islets To Halt Autoimmune Diabetes. Journal of Immunology, 2015, 194, 3147-3155.	0.8	25
75	IL-6 and TNFÎ± Drive Extensive Proliferation of Human Tregs Without Compromising Their Lineage Stability or Function. Frontiers in Immunology, 2021, 12, 783282.	4.8	25
76	The Src Family Kinase Fyn Mediates Signals Induced by TCR Antagonists. Journal of Immunology, 2002, 168, 4480-4487.	0.8	24
77	Therapeutic Window of Interleukin-2 for Autoimmune Diseases. Diabetes, 2015, 64, 1912-1913.	0.6	24
78	Cutting Edge: Origins, Recruitment, and Regulation of CD11c+ Cells in Inflamed Islets of Autoimmune Diabetes Mice. Journal of Immunology, 2017, 199, 27-32.	0.8	24
79	Anti-HLA-A2-CAR Tregs prolong vascularized mouse heterotopic heart allograft survival. American Journal of Transplantation, 2022, 22, 2237-2245.	4.7	22
80	The maternal immune response inhibits the success of in utero hematopoietic cell transplantation. Chimerism, 2011, 2, 55-57.	0.7	21
81	Islet encapsulation therapy â€" racing towards the finish line?. Nature Reviews Endocrinology, 2018, 14, 630-632.	9.6	21
82	Assessment of Immune Isolation of Allogeneic Mouse Pancreatic Progenitor Cells by a Macroencapsulation Device. Transplantation, 2016, 100, 1211-1218.	1.0	19
83	Increased maternal T cell microchimerism in the allogeneic fetus during LPS-induced preterm labor in mice. Chimerism, 2014, 5, 68-74.	0.7	18
84	Immunotherapy: Making the case for precision medicine. Science Translational Medicine, 2015, 7, 280ed3.	12.4	18
85	Heightened Immune Activation in Fetuses with Gastroschisis May Be Blocked by Targeting IL-5. Journal of Immunology, 2016, 196, 4957-4966.	0.8	16
86	Involvement of LFA-1 and ICAM-1 in the herpetic disease resulting from HSV-1 corneal infection. Current Eye Research, 1995, 14, 55-62.	1.5	15
87	Donor-Reactive Regulatory T Cell Frequency Increases During Acute Cellular Rejection of Lung Allografts. Transplantation, 2016, 100, 2090-2098.	1.0	15
88	NextGen cell-based immunotherapies in cancer and other immune disorders. Current Opinion in Immunology, 2019, 59, 79-87.	5.5	15
89	Supporting Survival of Transplanted Stemâ€Cellâ€Derived Insulinâ€Producing Cells in an Encapsulation Device Augmented with Controlled Release of Amino Acids. Advanced Biology, 2019, 3, 1900086.	3.0	14
90	CAR-Tregs as a Strategy for Inducing Graft Tolerance. Current Transplantation Reports, 2020, 7, 205-214.	2.0	13

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91	Solving the Puzzle of Immune Tolerance for Î²-Cell Replacement Therapy for Type 1 Diabetes. Cell Stem Cell, 2020, 27, 505-507.	11.1	11
92	Lung transplant recipients with idiopathic pulmonary fibrosis have impaired alloreactive immune responses. Journal of Heart and Lung Transplantation, 2022, 41, 641-653.	0.6	11
93	Polyclonal Regulatory T Cell Manufacturing Under cGMP: A Decade of Experience. Frontiers in Immunology, 2021, 12, 744763.	4.8	10
94	Interpretation of transplant biopsies and immune responses following Treg cell therapy. Current Opinion in Organ Transplantation, 2014, 19, 616-620.	1.6	7
95	Suppressed calcineurin-dependent gene expression identifies lung allograft recipients at increased risk of infection. American Journal of Transplantation, 2018, 18, 2043-2049.	4.7	7
96	Novel In Situ Hybridization and Multiplex Immunofluorescence Technology Combined With Whole-slide Digital Image Analysis in Kidney Transplantation. Journal of Histochemistry and Cytochemistry, 2020, 68, 445-459.	2.5	7
97	A Comparison of Ex Vivo Expanded Human Regulatory T Cells Using Allogeneic Stimulated B Cells or Monocyte-Derived Dendritic Cells. Frontiers in Immunology, 2021, 12, 679675.	4.8	7
98	Generating Antigen-Specific Regulatory T Cells in the Fast Lane. American Journal of Transplantation, 2017, 17, 851-853.	4.7	6
99	Glucose-Stimulated Insulin Response of Silicon Nanopore-Immunoprotected Islets under Convective Transport. ACS Biomaterials Science and Engineering, 2017, 3, 1051-1061.	5.2	5
100	Approaching a cure for type 1 diabetes. Nature Medicine, 2016, 22, 236-237.	30.7	4
101	Manipulating IL-2 and IL-2R in autoimmune diseases and transplantation. Immunotherapy, 2015, 7, 1231-1234.	2.0	3
102	Prevascularization of the Subcutaneous Space Improves Survival of Transplanted Mouse Islets. Transplantation, 2018, 102, S372.	1.0	3
103	Regulatory T cells and their role in type 1 diabetes. Current Opinion in Endocrinology, Diabetes and Obesity, 2006, 13, 319-324.	0.6	1
104	Response: Regulating Treg Cells at Sites of Inflammation. Immunity, 2008, 29, 512.	14.3	1
105	Expansion, Function and Clonotypic Analysis of Human Alloreactive Treg Stimulated With Different Dendritic Cell Populations or CD40L-Stimulated B Cells. Transplantation, 2017, 101, S8.	1.0	0
106	SP729CLINICAL AND IMMUNOLOGIC PREDICTORS OF OUTCOME WITH A NOVEL BELATACEPT REGIMEN. Nephrology Dialysis Transplantation, 2018, 33, i592-i592.	0.7	0
107	Regulatory T Cell Control of Autoimmune Diabetes and Their Potential Therapeutic Application. , 2008, , 199-230.		0
108	The Maternal Immune Response to in Utero Hematopoietic Stem Cell Transplantation.. Blood, 2009, 114, 64-64.	1.4	0

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109	Regulatory T Cell Therapy in Transplantation. , 2017, , 303-318.		0