

# Rusung Tan

## List of Publications by Year in descending order

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74  
papers

4,360  
citations

87888

38  
h-index

106344

65  
g-index

75  
all docs

75  
docs citations

75  
times ranked

5740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progression of autoimmune diabetes driven by avidity maturation of a T-cell population. <i>Nature</i> , 2000, 406, 739-742.	27.8	318
2	Prediction of spontaneous autoimmune diabetes in NOD mice by quantification of autoreactive T cells in peripheral blood. <i>Journal of Clinical Investigation</i> , 2003, 111, 217-223.	8.2	201
3	Evasion of Cytotoxic T Lymphocyte (CTL) Responses by Nef-dependent Induction of Fas Ligand (CD95L) Expression on Simian Immunodeficiency Virus-infected Cells. <i>Journal of Experimental Medicine</i> , 1997, 186, 7-16.	8.5	199
4	Depletion of Human DNA in Spiked Clinical Specimens for Improvement of Sensitivity of Pathogen Detection by Next-Generation Sequencing. <i>Journal of Clinical Microbiology</i> , 2016, 54, 919-927.	3.9	199
5	Cutting Edge: Increased IL-17 <sup>+</sup> Secreting T Cells in Children with New-Onset Type 1 Diabetes. <i>Journal of Immunology</i> , 2010, 185, 3814-3818.	0.8	190
6	Cutting Edge: Signaling Lymphocytic Activation Molecule-Associated Protein Controls NKT Cell Functions. <i>Journal of Immunology</i> , 2005, 174, 3153-3157.	0.8	160
7	Cutting Edge: Defective NK Cell Activation in X-Linked Lymphoproliferative Disease. <i>Journal of Immunology</i> , 2000, 165, 3549-3553.	0.8	146
8	Decidual NK Cells Alter In Vitro First Trimester Extravillous Cytotrophoblast Migration: A Role for IFN- $\gamma$ . <i>Journal of Immunology</i> , 2006, 177, 8522-8530.	0.8	122
9	Prediction of spontaneous autoimmune diabetes in NOD mice by quantification of autoreactive T cells in peripheral blood. <i>Journal of Clinical Investigation</i> , 2003, 111, 217-223.	8.2	108
10	Role of Cellular Immunity in Protection against HIV Infection**This article was accepted for publication on 31 October 1996.. <i>Advances in Immunology</i> , 1997, 65, 277-346.	2.2	107
11	Molecular Dissection of 2B4 Signaling: Implications for Signal Transduction by SLAM-Related Receptors. <i>Molecular and Cellular Biology</i> , 2004, 24, 5144-5156.	2.3	105
12	Rapid Death of Adoptively Transferred T Cells in Acquired Immunodeficiency Syndrome. <i>Blood</i> , 1999, 93, 1506-1510.	1.4	104
13	Combined immunodeficiency associated with homozygous MALT1 mutations. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1458-1462.e7.	2.9	103
14	Profiling of circulating microRNAs in children with recent onset of type 1 diabetes. <i>JCI Insight</i> , 2017, 2, e89656.	5.0	97
15	In Situ $\gamma$ Cell Death Promotes Priming of Diabetogenic CD8 T Lymphocytes. <i>Journal of Immunology</i> , 2002, 168, 1466-1472.	0.8	96
16	Regulation of Autoimmune Diabetes by Complete Freund's Adjuvant Is Mediated by NK Cells. <i>Journal of Immunology</i> , 2004, 172, 937-942.	0.8	96
17	Recognition of HLA Class I-Restricted $\alpha$ -Cell Epitopes in Type 1 Diabetes. <i>Diabetes</i> , 2006, 55, 3068-3074.	0.6	95
18	Prevention of murine autoimmune diabetes by CCL22-mediated Treg recruitment to the pancreatic islets. <i>Journal of Clinical Investigation</i> , 2011, 121, 3024-3028.	8.2	90

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19	Murine CD160, Ig-Like Receptor on NK Cells and NKT Cells, Recognizes Classical and Nonclassical MHC Class I and Regulates NK Cell Activation. <i>Journal of Immunology</i> , 2005, 175, 4426-4432.	0.8	89
20	The CaV1.4 Calcium Channel Is a Critical Regulator of T Cell Receptor Signaling and Naive T Cell Homeostasis. <i>Immunity</i> , 2011, 35, 349-360.	14.3	86
21	Antigen-specific release of $\beta$ -chemokines by anti-HIV-1 cytotoxic T lymphocytes. <i>Current Biology</i> , 1998, 8, 355-358.	3.9	83
22	Identification of Novel HLA-A*0201-Restricted Epitopes in Recent-Onset Type 1 Diabetic Subjects and Antibody-Positive Relatives. <i>Diabetes</i> , 2006, 55, 3061-3067.	0.6	83
23	Identification of a $\beta$ -Cell-Specific HLA Class I Restricted Epitope in Type 1 Diabetes. <i>Diabetes</i> , 2003, 52, 2647-2651.	0.6	81
24	Innate immune control of EBV-infected B cells by invariant natural killer T cells. <i>Blood</i> , 2013, 122, 2600-2608.	1.4	80
25	BCG vaccination-induced emergency granulopoiesis provides rapid protection from neonatal sepsis. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	76
26	Lymphocytic vasculitis in X-linked lymphoproliferative disease. <i>Blood</i> , 2001, 97, 95-100.	1.4	73
27	Apolipoprotein-mediated lipid antigen presentation in B cells provides a pathway for innate help by NKT cells. <i>Blood</i> , 2009, 114, 2411-2416.	1.4	72
28	T regulatory cell chemokine production mediates pathogenic T cell attraction and suppression. <i>Journal of Clinical Investigation</i> , 2016, 126, 1039-1051.	8.2	71
29	Expansion of the Antigenic Repertoire of a Single T Cell Receptor upon T Cell Activation. <i>Journal of Immunology</i> , 2001, 167, 655-666.	0.8	65
30	Optimization of epicutaneous immunization for the induction of CTL. <i>Vaccine</i> , 2003, 21, 2890-2899.	3.8	65
31	Rapid and Fatal Meningococcal Disease Due to a Strain of <i>Neisseria meningitidis</i> Containing the Capsule Null Locus. <i>Clinical Infectious Diseases</i> , 2005, 40, e38-e42.	5.8	63
32	Detection and Genotyping of Varicella-Zoster Virus by TaqMan Allelic Discrimination Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1409-1413.	3.9	60
33	The X-Linked Inhibitor of Apoptosis Protein Enhances Survival of Murine Islet Allografts. <i>Diabetes</i> , 2005, 54, 2533-2540.	0.6	60
34	Natural Killer Cells From Children With Type 1 Diabetes Have Defects in NKG2D-Dependent Function and Signaling. <i>Diabetes</i> , 2011, 60, 857-866.	0.6	54
35	CD1d and CD1c Expression in Human B Cells Is Regulated by Activation and Retinoic Acid Receptor Signaling. <i>Journal of Immunology</i> , 2011, 186, 5261-5272.	0.8	52
36	Multiple sclerosis-associated CLEC16A controls HLA class II expression via late endosome biogenesis. <i>Brain</i> , 2015, 138, 1531-1547.	7.6	52

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37	The central repeat domain 1 of Kaposi's sarcoma-associated herpesvirus (KSHV) latency associated-nuclear antigen 1 (LANA1) prevents cis MHC class I peptide presentation. <i>Virology</i> , 2011, 412, 357-365.	2.4	46
38	Association of the X-linked Lymphoproliferative Disease Gene Product SAP/SH2D1A with 2B4, a Natural Killer Cell-activating Molecule, Is Dependent on Phosphoinositide 3-Kinase. <i>Journal of Biological Chemistry</i> , 2002, 277, 13331-13337.	3.4	40
39	Critical role for IFN $\gamma$ in natural killer cell-mediated protection from diabetes. <i>European Journal of Immunology</i> , 2008, 38, 82-89.	2.9	39
40	IFN $\gamma$ -mediated extravillous trophoblast outgrowth inhibition in first trimester explant culture: a role for insulin-like growth factors. <i>Molecular Human Reproduction</i> , 2008, 14, 281-289.	2.8	31
41	CCL22 Prevents Rejection of Mouse Islet Allografts and Induces Donor-Specific Tolerance. <i>Cell Transplantation</i> , 2015, 24, 2143-2154.	2.5	28
42	Evaluation of a Diagnostic Polymerase Chain Reaction Assay for <i>Neisseria meningitidis</i> in North America and Field Experience During an Outbreak. <i>Archives of Pathology and Laboratory Medicine</i> , 2002, 126, 1209-1215.	2.5	24
43	Chronic active Epstein-Barr virus infection associated with low expression of leukocyte-associated immunoglobulin-like receptor-1 (LAIR-1) on natural killer cells. <i>Journal of Clinical Immunology</i> , 2003, 23, 141-145.	3.8	23
44	RasGRP1 Regulates Antigen-Induced Developmental Programming by Naive CD8 T Cells. <i>Journal of Immunology</i> , 2010, 184, 666-676.	0.8	23
45	Role for Glycogen Synthase Kinase-3 in NK Cell Cytotoxicity and X-Linked Lymphoproliferative Disease. <i>Journal of Immunology</i> , 2005, 174, 4551-4558.	0.8	21
46	Short-Term Stability of Pathogen-Specific Nucleic Acid Targets in Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2012, 50, 4147-4150.	3.9	21
47	A metagenomics-based diagnostic approach for central nervous system infections in hospital acute care setting. <i>Scientific Reports</i> , 2020, 10, 11194.	3.3	19
48	T-cell epitopes in type 1 diabetes. <i>Current Diabetes Reports</i> , 2004, 4, 87-94.	4.2	18
49	Treg gene signatures predict and measure type 1 diabetes trajectory. <i>JCI Insight</i> , 2019, 4, .	5.0	18
50	Progression of spontaneous autoimmune diabetes is associated with a switch in the killing mechanism used by autoreactive CTL. <i>International Immunology</i> , 2004, 16, 1657-1662.	4.0	17
51	Rapid Death of Adoptively Transferred T Cells in Acquired Immunodeficiency Syndrome. <i>Blood</i> , 1999, 93, 1506-1510.	1.4	16
52	NKT Cells Are Required for Complete Freund's Adjuvant-Mediated Protection from Autoimmune Diabetes. <i>Journal of Immunology</i> , 2011, 187, 2898-2904.	0.8	15
53	Optimizing outcomes of hematopoietic stem cell transplantation for severe combined immunodeficiency. <i>Clinical Immunology</i> , 2009, 131, 179-188.	3.2	14
54	The X-linked lymphoproliferative syndrome gene product SAP regulates B cell function through the Fc $\gamma$ RIIB receptor. <i>Cellular Signalling</i> , 2008, 20, 1960-1967.	3.6	13

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55	Amino Acid Structure Determines the Immune Responses Generated by Peptide-Gold Nanoparticle Hybrids. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 1039-1043.	2.3	13
56	SLAMFAP Signaling Promotes Differentiation of IL-17-Producing T Cells and Progression of Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2014, 193, 5841-5853.	0.8	11
57	Decidual NK Cell-Derived Conditioned Medium (dNK-CM) Mediates VEGF Secretion in Extravillous Cytotrophoblasts. <i>American Journal of Reproductive Immunology</i> , 2012, 67, 101-111.	1.2	10
58	Evaluation of Amplification Targets for the Specific Detection of <i>Bordetella pertussis</i> Using Real-Time Polymerase Chain Reaction. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2014, 25, 217-221.	1.9	10
59	Xenogeneic $\hat{I}^2$ -Microglobulin Substitution Affects Functional Binding of MHC Class I Molecules by CD8+ T Cells. <i>Journal of Immunology</i> , 2007, 179, 3588-3595.	0.8	9
60	Natural killer T cell strategies to combat Epstein-Barr virus infection. <i>Oncolmmunology</i> , 2014, 3, e28329.	4.6	9
61	Creating HIV-1 reverse transcriptase cytotoxic T lymphocyte target structures by HLA-A2 heavy chain modifications. <i>International Immunology</i> , 2000, 12, 1293-1302.	4.0	8
62	Insulin-Producing Intestinal K Cells Protect Nonobese Diabetic Mice From Autoimmune Diabetes. <i>Gastroenterology</i> , 2014, 147, 162-171.e6.	1.3	8
63	<i>Nocardia asteroides</i> sinusitis in a pediatric patient: Case report with 20 year follow-up and review of the literature. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 1152-1154.	1.0	8
64	CD1d Expression and Invariant NKT Cell Responses in Herpesvirus Infections. <i>Frontiers in Immunology</i> , 2015, 6, 312.	4.8	7
65	Unusual accumulation of a wide array of antimicrobial resistance mechanisms in a patient with cytomegalovirus-associated hemophagocytic lymphohistiocytosis: a case report. <i>BMC Infectious Diseases</i> , 2020, 20, 237.	2.9	7
66	Control of HIV co-receptor expression: Implications for pathogenesis and treatment. <i>Trends in Microbiology</i> , 1997, 5, 300-302.	7.7	6
67	Comparative evaluation of laboratory developed real-time PCR assays and RealStar <sup>®</sup> BKV PCR Kit for quantitative detection of BK polyomavirus. <i>Journal of Virological Methods</i> , 2016, 234, 80-86.	2.1	6
68	A novel real-time PCR assay panel for detection of common respiratory pathogens in a convenient, strip-tube array format. <i>Journal of Virological Methods</i> , 2019, 265, 42-48.	2.1	6
69	A phase 1b open-label dose-finding study of ustekinumab in young adults with type 1 diabetes. <i>Immunotherapy Advances</i> , 2022, 2, Itab022.	3.0	5
70	Optimal Use of MRSAselect and PCR to Maximize Sensitivity and Specificity of MRSA Detection. <i>Current Microbiology</i> , 2013, 66, 61-63.	2.2	4
71	Utilization of herpes simplex PCR assays for cerebrospinal fluid in a pediatric health care setting. <i>Canadian Journal of Microbiology</i> , 2001, 47, 392-396.	1.7	3
72	Xenogeneic $\hat{I}^2$ -Microglobulin Substitution Alters NK Cell Function. <i>Journal of Immunology</i> , 2007, 179, 1466-1474.	0.8	1

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73	P38 Cytokine stimulation of decidual NK cells increases IFN- $\beta$ secretion but does not alter the secretion of other soluble products important in trophoblast migration, invasion, and placental angiogenesis. <i>Pregnancy Hypertension</i> , 2010, 1, S52.	1.4	1
74	Immunology of HIV infection. <i>Trends in Molecular Medicine</i> , 1997, 3, 283.	2.6	0