

Lixin Zheng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

18,841
citations

48
h-index

103
g-index

103
ext. papers

21,309
ext. citations

16
avg, IF

6.73
L-index

#	Paper	IF	Citations
96	Congenital iRHOM2 deficiency causes ADAM17 dysfunction and environmentally directed immunodysregulatory disease.. <i>Nature Immunology</i> , 2022 , 23, 75-85	19.1	0
95	A Double-Blind, Placebo-Controlled, Crossover Study of Magnesium Supplementation in Patients with XMEN Disease. <i>Journal of Clinical Immunology</i> , 2021 , 1	5.7	5
94	CRISPR-targeted MAGT1 insertion restores XMEN patient hematopoietic stem cells and lymphocytes. <i>Blood</i> , 2021 ,	2.2	1
93	MAGT1 messenger RNA-corrected autologous T and natural killer cells for potential cell therapy in X-linked immunodeficiency with magnesium defect, Epstein-Barr virus infection and neoplasia disease. <i>Cytotherapy</i> , 2021 , 23, 203-210	4.8	3
92	NF-B Rel subunit exchange on a physiological timescale. <i>Protein Science</i> , 2021 , 30, 1818-1832	6.3	1
91	A guide to cancer immunotherapy: from T cell basic science to clinical practice. <i>Nature Reviews Immunology</i> , 2020 , 20, 651-668	36.5	746
90	Progress and Prospects on Vaccine Development against SARS-CoV-2. <i>Vaccines</i> , 2020 , 8,	5.3	172
89	HEM1 deficiency disrupts mTORC2 and F-actin control in inherited immunodysregulatory disease. <i>Science</i> , 2020 , 369, 202-207	33.3	36
88	Defective glycosylation and multisystem abnormalities characterize the primary immunodeficiency XMEN disease. <i>Journal of Clinical Investigation</i> , 2020 , 130, 507-522	15.9	42
87	Human Plasma-like Medium Improves T Lymphocyte Activation. <i>IScience</i> , 2020 , 23, 100759	6.1	16
86	Mutations that prevent caspase cleavage of RIPK1 cause autoinflammatory disease. <i>Nature</i> , 2020 , 577, 103-108	50.4	110
85	CD1d1 intrinsic signaling in macrophages controls NLRP3 inflammasome expression during inflammation. <i>Science Advances</i> , 2020 , 6,	14.3	7
84	Mg regulation of kinase signaling and immune function. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1828-1842	16.6	16
83	Development of immune checkpoint therapy for cancer. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1244-1254	16.6	81
82	Human interleukin-2 receptor γ mutations associated with defects in immunity and peripheral tolerance. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1311-1327	16.6	41
81	F-BAR domain only protein 1 (FCHO1) deficiency is a novel cause of combined immune deficiency in human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 2317-2321.e12	11.5	17
80	Magnesium transporter 1 (MAGT1) deficiency causes selective defects in linked glycosylation and expression of immune-response genes. <i>Journal of Biological Chemistry</i> , 2019 , 294, 13638-13656	5.4	30

79	Introduction: Continuing insights into the healthy and diseased immune system through human genetic investigation. <i>Immunological Reviews</i> , 2019 , 287, 5-8	11.3	0
78	VSIG4 mediates transcriptional inhibition of and χ n macrophages. <i>Science Advances</i> , 2019 , 5, eaau7426	14.3	27
77	Plasma magnesium is inversely associated with Epstein-Barr virus load in peripheral blood and Burkitt lymphoma in Uganda. <i>Cancer Epidemiology</i> , 2018 , 52, 70-74	2.8	10
76	RELA haploinsufficiency in CD4 lymphoproliferative disease with autoimmune cytopenias. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1507-1510.e8	11.5	16
75	Identification of Casz1 as a Regulatory Protein Controlling T Helper Cell Differentiation, Inflammation, and Immunity. <i>Frontiers in Immunology</i> , 2018 , 9, 184	8.4	9
74	Molecular Classification of Primary Immunodeficiencies of T Lymphocytes. <i>Advances in Immunology</i> , 2018 , 138, 99-193	5.6	5
73	STAT5B: A Differential Regulator of the Life and Death of CD4 Effector Memory T Cells. <i>Journal of Immunology</i> , 2018 , 200, 110-118	5.3	21
72	Cytomembrane Infused Polymer Accelerating Delivery of Myelin Antigen Peptide to Treat Experimental Autoimmune Encephalomyelitis. <i>ACS Nano</i> , 2018 , 12, 11579-11590	16.7	7
71	Metabolically inactive insulin analogue does not prevent autoimmune diabetes in NOD mice. <i>Diabetologia</i> , 2017 , 60, 1475-1482	10.3	6
70	Restimulation-induced cell death: new medical and research perspectives. <i>Immunological Reviews</i> , 2017 , 277, 44-60	11.3	17
69	VSIG4 inhibits proinflammatory macrophage activation by reprogramming mitochondrial pyruvate metabolism. <i>Nature Communications</i> , 2017 , 8, 1322	17.4	54
68	CD55 Deficiency, Early-Onset Protein-Losing Enteropathy, and Thrombosis. <i>New England Journal of Medicine</i> , 2017 , 377, 52-61	59.2	86
67	Mitochondrial Protein PGAM5 Regulates Mitophagic Protection against Cell Necroptosis. <i>PLoS ONE</i> , 2016 , 11, e0147792	3.7	78
66	Clinical Genomics - Molecular Pathogenesis Revealed. <i>New England Journal of Medicine</i> , 2016 , 375, 2117-2119	39.1	19
65	Clinical utility gene card for: X-linked immunodeficiency with magnesium defect, Epstein-Barr virus infection, and neoplasia (XMEN). <i>European Journal of Human Genetics</i> , 2015 , 23,	5.3	4
64	AUTOIMMUNE DISEASE. Patients with LRBA deficiency show CTLA4 loss and immune dysregulation responsive to abatacept therapy. <i>Science</i> , 2015 , 349, 436-40	33.3	413
63	Identifying genetic determinants of autoimmunity and immune dysregulation. <i>Current Opinion in Immunology</i> , 2015 , 37, 28-33	7.8	8
62	Bill Paul: The heart of immunology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 14117-8	11.5	

61	Genomics is rapidly advancing precision medicine for immunological disorders. <i>Nature Immunology</i> , 2015 , 16, 1001-4	19.1	25
60	Novel diagnostic and therapeutic approaches for autoimmune diabetes--a prime time to treat insulinitis as a disease. <i>Clinical Immunology</i> , 2015 , 156, 109-18	9	5
59	Reprogramming of Polycomb-Mediated Gene Silencing in Embryonic Stem Cells by the miR-290 Family and the Methyltransferase Ash1l. <i>Stem Cell Reports</i> , 2015 , 5, 971-978	8	20
58	The NLRP3 Inflammasome and IL-1 β Accelerate Immunologically Mediated Pathology in Experimental Viral Fulminant Hepatitis. <i>PLoS Pathogens</i> , 2015 , 11, e1005155	7.6	43
57	Natural history of autoimmune lymphoproliferative syndrome associated with FAS gene mutations. <i>Blood</i> , 2014 , 123, 1989-99	2.2	161
56	Dominant-activating germline mutations in the gene encoding the PI(3)K catalytic subunit p110 δ result in T cell senescence and human immunodeficiency. <i>Nature Immunology</i> , 2014 , 15, 88-97	19.1	453
55	Genetic deficiency of the mitochondrial protein PGAM5 causes a ParkinsonS-like movement disorder. <i>Nature Communications</i> , 2014 , 5, 4930	17.4	87
54	Immune dysregulation in human subjects with heterozygous germline mutations in CTLA4. <i>Science</i> , 2014 , 345, 1623-1627	33.3	563
53	Divalent cation signaling in immune cells. <i>Trends in Immunology</i> , 2014 , 35, 332-44	14.4	37
52	Heterozygous splice mutation in PIK3R1 causes human immunodeficiency with lymphoproliferation due to dominant activation of PI3K. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2537-47	16.6	170
51	Mg ²⁺ regulates cytotoxic functions of NK and CD8 T cells in chronic EBV infection through NKG2D. <i>Science</i> , 2013 , 341, 186-91	33.3	202
50	Quantitating lymphocyte programmed cell death in vitro using simple kill assays. <i>Methods in Molecular Biology</i> , 2013 , 979, 1-14	1.4	
49	A rapid ex vivo clinical diagnostic assay for fas receptor-induced T lymphocyte apoptosis. <i>Journal of Clinical Immunology</i> , 2013 , 33, 479-88	5.7	12
48	Second messenger role for Mg ²⁺ revealed by human T-cell immunodeficiency. <i>Nature</i> , 2011 , 475, 471-6	50.4	368
47	The power and the promise of restimulation-induced cell death in human immune diseases. <i>Immunological Reviews</i> , 2010 , 236, 68-82	11.3	79
46	Revised diagnostic criteria and classification for the autoimmune lymphoproliferative syndrome (ALPS): report from the 2009 NIH International Workshop. <i>Blood</i> , 2010 , 116, e35-40	2.2	329
45	Autophagic cell death. <i>Methods in Enzymology</i> , 2009 , 453, 17-31	1.7	19
44	Restimulation-induced apoptosis of T cells is impaired in patients with X-linked lymphoproliferative disease caused by SAP deficiency. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2976-89	15.9	109

43	The control of CD4+CD25+Foxp3+ regulatory T cell survival. <i>Biology Direct</i> , 2008 , 3, 6	7.2	65
42	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008 , 4, 151-75	10.2	1920
41	Dominant inhibition of Fas ligand-mediated apoptosis due to a heterozygous mutation associated with autoimmune lymphoproliferative syndrome (ALPS) Type Ib. <i>BMC Medical Genetics</i> , 2007 , 8, 41	2.1	59
40	CD4+CD25+Foxp3+ regulatory T cells induce cytokine deprivation-mediated apoptosis of effector CD4+ T cells. <i>Nature Immunology</i> , 2007 , 8, 1353-62	19.1	867
39	Binding of FADD and Caspase-8 to Molluscum Contagiosum Virus MC159 v-FLIP Is Not Sufficient for Its Antiapoptotic Function. <i>Journal of Virology</i> , 2006 , 80, 1615-1615	6.6	78
38	Competitive control of independent programs of tumor necrosis factor receptor-induced cell death by TRADD and RIP1. <i>Molecular and Cellular Biology</i> , 2006 , 26, 3505-13	4.8	115
37	T helper 2 cells Preferred way to die. <i>Immunity</i> , 2006 , 25, 187-8	32.3	4
36	Genetic alterations in caspase-10 may be causative or protective in autoimmune lymphoproliferative syndrome. <i>Human Genetics</i> , 2006 , 119, 284-94	6.3	57
35	Haploinsufficiency, rather than the effect of an excessive production of soluble CD95 (CD95{Delta}TM), is the basis for ALPS Ia in a family with duplicated 3Ssplice site AG in CD95 intron 5 on one allele. <i>Blood</i> , 2005 , 106, 1652-9	2.2	34
34	Amelioration of inflammatory arthritis by targeting the pre-ligand assembly domain of tumor necrosis factor receptors. <i>Nature Medicine</i> , 2005 , 11, 1066-72	50.5	113
33	SPOTS: signaling protein oligomeric transduction structures are early mediators of death receptor-induced apoptosis at the plasma membrane. <i>Journal of Cell Biology</i> , 2004 , 167, 735-44	7.3	125
32	Ectopic T cell receptor expression causes B cell immunodeficiency in transgenic mice. <i>European Journal of Immunology</i> , 2004 , 34, 890-898	6.1	3
31	Molecular regulation of T lymphocyte homeostasis in the healthy and diseased immune system. <i>Immunologic Research</i> , 2003 , 27, 387-98	4.3	33
30	Cytopathic killing of peripheral blood CD4(+) T lymphocytes by human immunodeficiency virus type 1 appears necrotic rather than apoptotic and does not require env. <i>Journal of Virology</i> , 2002 , 76, 5082-93	6.6	75
29	Pleiotropic defects in lymphocyte activation caused by caspase-8 mutations lead to human immunodeficiency. <i>Nature</i> , 2002 , 419, 395-9	50.4	568
28	Immunophenotypic profiles in families with autoimmune lymphoproliferative syndrome. <i>Blood</i> , 2001 , 98, 2466-73	2.2	111
27	Fluorescence resonance energy transfer analysis of cell surface receptor interactions and signaling using spectral variants of the green fluorescent protein. <i>Cytometry</i> , 2001 , 44, 361-8		104
26	Effective antigen-specific immunotherapy in the marmoset model of multiple sclerosis. <i>Journal of Immunology</i> , 2001 , 166, 2116-21	5.3	20

25	The TNF and TNF receptor superfamilies: integrating mammalian biology. <i>Cell</i> , 2001 , 104, 487-501	56.2	2894
24	Generation of an apoptotic intracellular peptide by gamma-secretase cleavage of Alzheimer's amyloid beta protein precursor. <i>Journal of Alzheimers Disease</i> , 2000 , 2, 289-301	4.3	184
23	Inhibition of Fas-mediated apoptosis by the B cell antigen receptor through c-FLIP. <i>European Journal of Immunology</i> , 2000 , 30, 155-63	6.1	118
22	A crucial role for p80 TNF-R2 in amplifying p60 TNF-R1 apoptosis signals in T lymphocytes. <i>European Journal of Immunology</i> , 2000 , 30, 652-60	6.1	127
21	The multifaceted role of Fas signaling in immune cell homeostasis and autoimmunity. <i>Nature Immunology</i> , 2000 , 1, 469-74	19.1	350
20	Fas preassociation required for apoptosis signaling and dominant inhibition by pathogenic mutations. <i>Science</i> , 2000 , 288, 2354-7	33.3	553
19	Inhibition of Fas-mediated apoptosis by the B cell antigen receptor through c-FLIP 2000 , 30, 155		2
18	A crucial role for p80 TNF-R2 in amplifying p60 TNF-R1 apoptosis signals in T lymphocytes 2000 , 30, 652		9
17	Caspases in T-cell receptor-induced thymocyte apoptosis. <i>Cell Death and Differentiation</i> , 1999 , 6, 402-11	12.7	33
16	NF-kappaB regulates Fas/APO-1/CD95- and TCR- mediated apoptosis of T lymphocytes. <i>European Journal of Immunology</i> , 1999 , 29, 878-86	6.1	77
15	Mature T lymphocyte apoptosis--immune regulation in a dynamic and unpredictable antigenic environment. <i>Annual Review of Immunology</i> , 1999 , 17, 221-53	34.7	824
14	NMR structure and mutagenesis of the FADD (Mort1) death-effector domain. <i>Nature</i> , 1998 , 392, 941-5	50.4	205
13	Cell death attenuation by SURPIN, a mammalian DED-caspase homologue that precludes caspase-8 recruitment and activation by the CD-95 (Fas, APO-1) receptor complex. <i>Cell Death and Differentiation</i> , 1998 , 5, 271-88	12.7	279
12	Pathological findings in human autoimmune lymphoproliferative syndrome. <i>American Journal of Pathology</i> , 1998 , 153, 1541-50	5.8	187
11	HIV-1 directly kills CD4+ T cells by a Fas-independent mechanism. <i>Journal of Experimental Medicine</i> , 1998 , 187, 1113-22	16.6	166
10	Molecular genetic studies in lymphocyte apoptosis and human autoimmunity. <i>Novartis Foundation Symposium</i> , 1998 , 215, 73-82; discussion 82-91		3
9	Intravenous antigen administration as a therapy for autoimmune demyelinating disease. <i>Annals of Neurology</i> , 1996 , 39, 46-56	9.4	48
8	Induction of apoptosis in mature T cells by tumour necrosis factor. <i>Nature</i> , 1995 , 377, 348-51	50.4	1020

7	Antigen-induced programmed T cell death as a new approach to immune therapy. <i>Clinical Immunology and Immunopathology</i> , 1995 , 75, 13-9		37
6	Parameters controlling the programmed death of mature mouse T lymphocytes in high-dose suppression. <i>Cellular Immunology</i> , 1995 , 160, 71-8	4.4	30
5	Dominant interfering Fas gene mutations impair apoptosis in a human autoimmune lymphoproliferative syndrome. <i>Cell</i> , 1995 , 81, 935-46	56.2	1294
4	Autocrine feedback death and the regulation of mature T lymphocyte antigen responses. <i>International Reviews of Immunology</i> , 1995 , 13, 115-34	4.6	61
3	Amelioration of autoimmune reactions by antigen-induced apoptosis of T cells. <i>Advances in Experimental Medicine and Biology</i> , 1995 , 383, 157-66	3.6	16
2	Propriocidal apoptosis of mature T lymphocytes occurs at S phase of the cell cycle. <i>European Journal of Immunology</i> , 1993 , 23, 1552-60	6.1	220
1	Interleukin-2 programs mouse alpha beta T lymphocytes for apoptosis. <i>Nature</i> , 1991 , 353, 858-61	50.4	923