

Liwei Lu

List of Publications by Year in descending order

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93
papers

4,010
citations

94433

37
h-index

138484

58
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94
all docs

94
docs citations

94
times ranked

6648
citing authors

#	ARTICLE	IF	CITATIONS
1	CXCL10 plays a key role as an inflammatory mediator and a non-invasive biomarker of non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2014, 61, 1365-1375.	3.7	178
2	Deficiency in T follicular regulatory cells promotes autoimmunity. <i>Journal of Experimental Medicine</i> , 2018, 215, 815-825.	8.5	178
3	Local BAFF gene silencing suppresses Th17-cell generation and ameliorates autoimmune arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14993-14998.	7.1	177
4	IL-10-producing Regulatory B10 Cells Ameliorate Collagen-Induced Arthritis via Suppressing Th17 Cell Generation. <i>American Journal of Pathology</i> , 2012, 180, 2375-2385.	3.8	157
5	Productive replication of Middle East respiratory syndrome coronavirus in monocyte-derived dendritic cells modulates innate immune response. <i>Virology</i> , 2014, 454-455, 197-205.	2.4	149
6	Th17 cells play a critical role in the development of experimental Sjögren's syndrome. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1302-1310.	0.9	149
7	β-Glucan enhances antitumor immune responses by regulating differentiation and function of monocytic myeloid-derived suppressor cells. <i>European Journal of Immunology</i> , 2013, 43, 1220-1230.	2.9	108
8	Exosomes released by granulocytic myeloid-derived suppressor cells attenuate DSS-induced colitis in mice. <i>Oncotarget</i> , 2016, 7, 15356-15368.	1.8	97
9	Regulatory T cells in rheumatoid arthritis showed increased plasticity toward Th17 but retained suppressive function in peripheral blood. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1293-1301.	0.9	96
10	Leptin signaling maintains B-cell homeostasis via induction of Bcl-2 and Cyclin D1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13812-13817.	7.1	95
11	Leptin exacerbates collagen-induced arthritis via enhancement of Th17 cell response. <i>Arthritis and Rheumatism</i> , 2012, 64, 3564-3573.	6.7	89
12	A critical role of IL-17 in modulating the B-cell response during H5N1 influenza virus infection. <i>Cellular and Molecular Immunology</i> , 2011, 8, 462-468.	10.5	88
13	Epigenetic regulation in B-cell maturation and its dysregulation in autoimmunity. <i>Cellular and Molecular Immunology</i> , 2018, 15, 676-684.	10.5	87
14	Adipose Tissue Dendritic Cells Enhances Inflammation by Prompting the Generation of Th17 Cells. <i>PLoS ONE</i> , 2014, 9, e92450.	2.5	82
15	The Long Noncoding RNA IFNG-AS1 Promotes T Helper Type 1 Cells Response in Patients with Hashimoto's Thyroiditis. <i>Scientific Reports</i> , 2016, 5, 17702.	3.3	79
16	MicroRNA-9 Regulates the Differentiation and Function of Myeloid-Derived Suppressor Cells via Targeting Runx1. <i>Journal of Immunology</i> , 2015, 195, 1301-1311.	0.8	76
17	Th9 cells and IL-9 in autoimmune disorders: Pathogenesis and therapeutic potentials. <i>Human Immunology</i> , 2017, 78, 120-128.	2.4	73
18	IL-10-producing regulatory B cells restrain the T follicular helper cell response in primary Sjögren's syndrome. <i>Cellular and Molecular Immunology</i> , 2019, 16, 921-931.	10.5	71

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19	Upregulation of long noncoding RNA TMEVPG1 enhances T helper type 1 cell response in patients with Sjögren syndrome. <i>Immunologic Research</i> , 2016, 64, 489-496.	2.9	66
20	IL-36 cytokines in autoimmunity and inflammatory disease. <i>Oncotarget</i> , 2018, 9, 2895-2901.	1.8	62
21	Role of Th22 Cells in the Pathogenesis of Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 688066.	4.8	60
22	MicroRNA Regulation in Systemic Lupus Erythematosus Pathogenesis. <i>Immune Network</i> , 2014, 14, 138.	3.6	59
23	Th17/Treg Cells Imbalance and GITRL Profile in Patients with Hashimoto's Thyroiditis. <i>International Journal of Molecular Sciences</i> , 2014, 15, 21674-21686.	4.1	58
24	The Roles of Immune Cells in the Pathogenesis of Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5203.	4.1	57
25	Olfactory ecto-mesenchymal stem cell-derived exosomes ameliorate murine Sjögren's syndrome by modulating the function of myeloid-derived suppressor cells. <i>Cellular and Molecular Immunology</i> , 2021, 18, 440-451.	10.5	57
26	Clearance of apoptotic cells by mesenchymal stem cells contributes to immunosuppression via PGE2. <i>EBioMedicine</i> , 2019, 45, 341-350.	6.1	56
27	Multiple Functions of B Cells in the Pathogenesis of Systemic Lupus Erythematosus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6021.	4.1	56
28	TLR4/CXCR4 plasma cells drive nephritis development in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1498-1506.	0.9	50
29	Blockade of Notch Signaling Ameliorates Murine Collagen-Induced Arthritis via Suppressing Th1 and Th17 Cell Responses. <i>American Journal of Pathology</i> , 2014, 184, 1085-1093.	3.8	48
30	IL-17A Promotes Pulmonary B-1a Cell Differentiation via Induction of Blimp-1 Expression during Influenza Virus Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005367.	4.7	48
31	Increased GITRL Impairs the Function of Myeloid-Derived Suppressor Cells and Exacerbates Primary Sjögren Syndrome. <i>Journal of Immunology</i> , 2019, 202, 1693-1703.	0.8	47
32	Infiltration of Alternatively Activated Macrophages in Cancer Tissue Is Associated with MDSC and Th2 Polarization in Patients with Esophageal Cancer. <i>PLoS ONE</i> , 2014, 9, e104453.	2.5	47
33	Proteasome inhibition suppresses Th17 cell generation and ameliorates autoimmune development in experimental Sjögren's syndrome. <i>Cellular and Molecular Immunology</i> , 2017, 14, 924-934.	10.5	45
34	Olfactory ecto-mesenchymal stem cells possess immunoregulatory function and suppress autoimmune arthritis. <i>Cellular and Molecular Immunology</i> , 2016, 13, 401-408.	10.5	43
35	Mesenchymal stem cell transplantation alleviates experimental Sjögren's syndrome through IFN- γ /IL-27 signaling axis. <i>Theranostics</i> , 2019, 9, 8253-8265.	10.0	42
36	Plasma microRNA expression profiles in Chinese patients with rheumatoid arthritis. <i>Oncotarget</i> , 2015, 6, 42557-42568.	1.8	42

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37	Glucocorticoid-Induced Tumor Necrosis Factor Receptor Family-Related Protein Exacerbates Collagen-Induced Arthritis by Enhancing the Expansion of Th17 Cells. <i>American Journal of Pathology</i> , 2012, 180, 1059-1067.	3.8	40
38	Roles of B Cell-Intrinsic TLR Signals in Systemic Lupus Erythematosus. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13084-13105.	4.1	40
39	Mesenchymal stem cell transplantation ameliorates Sjögren's syndrome via suppressing IL-12 production by dendritic cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 308.	5.5	39
40	Tumor-released autophagosomes induce IL-10-producing B cells with suppressive activity on T lymphocytes via TLR2-MyD88-NF- κ B signal pathway. <i>Oncolmmunology</i> , 2016, 5, e1180485.	4.6	38
41	The Expression of Toll-like Receptor 8 and Its Relationship with VEGF and Bcl-2 in Cervical Cancer. <i>International Journal of Medical Sciences</i> , 2014, 11, 608-613.	2.5	36
42	AIM2 deficiency in B cells ameliorates systemic lupus erythematosus by regulating Blimp-1/Bcl-6 axis-mediated B-cell differentiation. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 341.	17.1	36
43	Impaired CD27+IgD+ B Cells With Altered Gene Signature in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2018, 9, 626.	4.8	34
44	Follicular Helper T Cells in the Immunopathogenesis of SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 731100.	4.8	32
45	Alternatively activated dendritic cells derived from systemic lupus erythematosus patients have tolerogenic phenotype and function. <i>Clinical Immunology</i> , 2015, 156, 43-57.	3.2	31
46	Ficus carica Polysaccharides Promote the Maturation and Function of Dendritic Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 12469-12479.	4.1	29
47	MicroRNA-155 Mediates Augmented CD40 Expression in Bone Marrow Derived Plasmacytoid Dendritic Cells in Symptomatic Lupus-Prone NZB/W F1 Mice. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1282.	4.1	28
48	Roles of IL-25 in Type 2 Inflammation and Autoimmune Pathogenesis. <i>Frontiers in Immunology</i> , 2021, 12, 691559.	4.8	28
49	B1a cells play a pathogenic role in the development of autoimmune arthritis. <i>Oncotarget</i> , 2016, 7, 19299-19311.	1.8	27
50	Serum IFN- β Predicts the Therapeutic Effect of Mesenchymal Stem Cells Transplantation in Systemic Lupus Erythematosus Patients. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1777-1785.	3.3	27
51	The metabolic hormone leptin promotes the function of TFH cells and supports vaccine responses. <i>Nature Communications</i> , 2021, 12, 3073.	12.8	27
52	Dysregulation of Cell Death and Its Epigenetic Mechanisms in Systemic Lupus Erythematosus. <i>Molecules</i> , 2017, 22, 30.	3.8	26
53	Mesenchymal Stem Cells Control Complement C5 Activation by Factor H in Lupus Nephritis. <i>EBioMedicine</i> , 2018, 32, 21-30.	6.1	26
54	Particulate β -glucan regulates the immunosuppression of granulocytic myeloid-derived suppressor cells by inhibiting NFIA expression. <i>Oncolmmunology</i> , 2015, 4, e1038687.	4.6	24

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55	Curdlan blocks the immune suppression by myeloid-derived suppressor cells and reduces tumor burden. <i>Immunologic Research</i> , 2016, 64, 931-939.	2.9	24
56	The Multiple Roles of B Cells in the Pathogenesis of Sjögren's Syndrome. <i>Frontiers in Immunology</i> , 2021, 12, 684999.	4.8	24
57	IL-17 sustains the plasma cell response via p38-mediated Bcl-xL RNA stability in lupus pathogenesis. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1739-1750.	10.5	23
58	Lipocalin-2 Exacerbates Lupus Nephritis by Promoting Th1 Cell Differentiation. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2263-2277.	6.1	23
59	Host-derived lipids orchestrate pulmonary $\gamma\delta$ T cell response to provide early protection against influenza virus infection. <i>Nature Communications</i> , 2021, 12, 1914.	12.8	22
60	The IL-21/TET2/AIM2/MAF pathway drives the T follicular helper cell response in lupus-like disease. <i>Clinical and Translational Medicine</i> , 2022, 12, e781.	4.0	20
61	IL-17 down-regulates the immunosuppressive capacity of olfactory ecto-mesenchymal stem cells in murine collagen-induced arthritis. <i>Oncotarget</i> , 2016, 7, 42953-42962.	1.8	19
62	Increased Frequency of Circulating Follicular Helper T Cells in Children with Hand, Foot, and Mouth Disease Caused by Enterovirus 71 Infection. <i>Journal of Immunology Research</i> , 2014, 2014, 1-11.	2.2	18
63	GITRL modulates the activities of p38 MAPK and STAT3 to promote Th17 cell differentiation in autoimmune arthritis. <i>Oncotarget</i> , 2016, 7, 8590-8600.	1.8	18
64	Interleukin-25 Axis Is Involved in the Pathogenesis of Human Primary and Experimental Murine Sjögren's Syndrome. <i>Arthritis and Rheumatology</i> , 2018, 70, 1265-1275.	5.6	18
65	The expanding functional diversity of plasma cells in immunity and inflammation. <i>Cellular and Molecular Immunology</i> , 2020, 17, 421-422.	10.5	18
66	Inflammasome and Its Therapeutic Targeting in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, 816839.	4.8	18
67	Citrullinated fibrinogen impairs immunomodulatory function of bone marrow mesenchymal stem cells by triggering toll-like receptor. <i>Clinical Immunology</i> , 2018, 193, 38-45.	3.2	17
68	IL-17a exacerbates hepatic ischemia-reperfusion injury in fatty liver by promoting neutrophil infiltration and mitochondria-driven apoptosis. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1603-1613.	3.3	17
69	New insights into follicular helper T cell response and regulation in autoimmune pathogenesis. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1610-1612.	10.5	17
70	B cell-activating factor and its targeted therapy in autoimmune diseases. <i>Cytokine and Growth Factor Reviews</i> , 2022, 64, 57-70.	7.2	16
71	Meteorin- β /Meteorin like/IL-41 attenuates airway inflammation in house dust mite-induced allergic asthma. <i>Cellular and Molecular Immunology</i> , 2022, 19, 245-259.	10.5	15
72	IL-17 drives salivary gland dysfunction via inhibiting TRPC1-mediated calcium movement in Sjögren's syndrome. <i>Clinical and Translational Immunology</i> , 2021, 10, e1277.	3.8	14

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73	The Anti-Inflammatory and Uric Acid Lowering Effects of Si-Miao-San on Gout. <i>Frontiers in Immunology</i> , 2021, 12, 777522.	4.8	14
74	Blockade of Glucocorticoid-Induced Tumor Necrosis Factor- α Receptor-Related Protein Signaling Ameliorates Murine Collagen-Induced Arthritis by Modulating Follicular Helper T Cells. <i>American Journal of Pathology</i> , 2016, 186, 1559-1567.	3.8	13
75	B Cell-Mediated Autoimmune Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1254, 145-160.	1.6	12
76	Adiponectin Enhances B-Cell Proliferation and Differentiation via Activation of Akt1/STAT3 and Exacerbates Collagen-Induced Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, 626310.	4.8	10
77	A novel humanized cutaneous lupus erythematosus mouse model mediated by IL-21-induced age-associated B cells. <i>Journal of Autoimmunity</i> , 2021, 123, 102686.	6.5	9
78	The role of T helper 17 cell subsets in Sjögren's syndrome: similarities and differences between mouse model and humans. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, e43-e43.	0.9	8
79	Characteristics of primary Sjögren's syndrome patients with IgG4 positive plasma cells infiltration in the labial salivary glands. <i>Clinical Rheumatology</i> , 2017, 36, 83-88.	2.2	8
80	Estimation of optimal donor number in Bone Marrow Donor Registry: Hong Kong's experience. <i>Human Immunology</i> , 2017, 78, 610-613.	2.4	8
81	Angiotensin II enhances group 2 innate lymphoid cell responses via AT1a during airway inflammation. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	8
82	Ecto-mesenchymal stem cells: a new player for immune regulation and cell therapy. <i>Cellular and Molecular Immunology</i> , 2018, 15, 82-84.	10.5	7
83	Animal models of Sjögren's syndrome: an update. <i>Clinical and Experimental Rheumatology</i> , 2019, 37 Suppl 118, 209-216.	0.8	6
84	New insights into the significance of the BCR repertoire in B-1 cell development and function. <i>Cellular and Molecular Immunology</i> , 2019, 16, 772-773.	10.5	5
85	The role of PD-1/PD-Ls in the pathogenesis of IgG4-related disease. <i>Rheumatology</i> , 2022, 61, 815-825.	1.9	5
86	The immune dysregulations in COVID-19: Implications for the management of rheumatic diseases. <i>Modern Rheumatology</i> , 2021, 31, 927-932.	1.8	4
87	Pathogenesis of primary Sjögren's syndrome beyond B lymphocytes. <i>Clinical and Experimental Rheumatology</i> , 2020, 38 Suppl 126, 315-323.	0.8	4
88	Simulation of non-inherited maternal antigens acceptable HLA mismatches to increase the chance of matched cord blood units: Hong Kong's experience. <i>Human Immunology</i> , 2018, 79, 539-544.	2.4	3
89	Role of Regulatory T Cells in Noninherited Maternal Antigen-Related Tolerance in Cord Blood: An In Vitro Study. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 424-435.	2.0	2
90	Interleukin-6 blocking therapy for COVID-19: From immune pathogenesis to clinical outcomes. <i>Rheumatology and Immunology Research</i> , 2022, 3, 11-16.	0.8	2

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91	Detection of T Follicular Helper Cells and T Follicular Regulatory Cells in Experimental Sjögren's Syndrome. Methods in Molecular Biology, 2022, 2380, 211-224.	0.9	1
92	Detection of IL-10 in Murine B Cells: In Vitro and In Vivo Techniques. Methods in Molecular Biology, 2021, 2270, 93-111.	0.9	0
93	General Mechanisms of Inflammation. , 2012, , 15-28.		0