

# Linrong Lu

## List of Publications by Year in descending order

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63  
papers

4,229  
citations

218677

26  
h-index

114465

63  
g-index

69  
all docs

69  
docs citations

69  
times ranked

6771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bile Acids Control Inflammation and Metabolic Disorder through Inhibition of NLRP3 Inflammasome. <i>Immunity</i> , 2016, 45, 802-816.	14.3	520
2	Osteopontin expression is essential for interferon- $\gamma$ production by plasmacytoid dendritic cells. <i>Nature Immunology</i> , 2006, 7, 498-506.	14.5	319
3	Inhibition of follicular T-helper cells by CD8 <sup>+</sup> regulatory T cells is essential for self tolerance. <i>Nature</i> , 2010, 467, 328-332.	27.8	314
4	Analysis of regulatory CD8 T cells in Qa-1-deficient mice. <i>Nature Immunology</i> , 2004, 5, 516-523.	14.5	306
5	Engagement of B7 on effector T cells by regulatory T cells prevents autoimmune disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10398-10403.	7.1	284
6	Translation Initiation Control by Heme-Regulated Eukaryotic Initiation Factor 2 $\gamma$ Kinase in Erythroid Cells under Cytoplasmic Stresses. <i>Molecular and Cellular Biology</i> , 2001, 21, 7971-7980.	2.3	282
7	Regulation of Activated CD4 <sup>+</sup> T Cells by NK Cells via the Qa-1 $\alpha$ -NKG2A Inhibitory Pathway. <i>Immunity</i> , 2007, 26, 593-604.	14.3	226
8	Cholesterol Homeostatic Regulator SCAP-SREBP2 Integrates NLRP3 Inflammasome Activation and Cholesterol Biosynthetic Signaling in Macrophages. <i>Immunity</i> , 2018, 49, 842-856.e7.	14.3	184
9	The transcriptional coactivator TAZ regulates reciprocal differentiation of TH17 cells and Treg cells. <i>Nature Immunology</i> , 2017, 18, 800-812.	14.5	165
10	Adult Connective Tissue-Resident Mast Cells Originate from Late Erythro-Myeloid Progenitors. <i>Immunity</i> , 2018, 49, 640-653.e5.	14.3	139
11	Ras-related protein Rab10 facilitates TLR4 signaling by promoting replenishment of TLR4 onto the plasma membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13806-13811.	7.1	138
12	Qa-1 restriction of CD8 <sup>+</sup> suppressor T cells. <i>Journal of Clinical Investigation</i> , 2004, 114, 1218-1221.	8.2	119
13	Generation and Regulation of CD8 <sup>+</sup> Regulatory T Cells. <i>Cellular and Molecular Immunology</i> , 2008, 5, 401-406.	10.5	91
14	IL4I1 Is a Novel Regulator of M2 Macrophage Polarization That Can Inhibit T Cell Activation via L-Tryptophan and Arginine Depletion and IL-10 Production. <i>PLoS ONE</i> , 2015, 10, e0142979.	2.5	90
15	Regulation of CD8 <sup>+</sup> regulatory T cells: Interruption of the NKG2A $\alpha$ -Qa-1 interaction allows robust suppressive activity and resolution of autoimmune disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19420-19425.	7.1	88
16	The immunoregulatory effects of Qa-1. <i>Immunological Reviews</i> , 2006, 212, 51-59.	6.0	65
17	Tespa1 is involved in late thymocyte development through the regulation of TCR-mediated signaling. <i>Nature Immunology</i> , 2012, 13, 560-568.	14.5	63
18	Therapeutic efficacy of anti-CD19 CAR-T cells in a mouse model of systemic lupus erythematosus. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1896-1903.	10.5	62

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19	Analysis of the cellular mechanism underlying inhibition of EAE after treatment with anti-NKG2A F(ab <sup>2</sup> ) <sub>2</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2562-2567.	7.1	58
20	miR-409-3p inhibits HT1080 cell proliferation, vascularization and metastasis by targeting angiogenin. Cancer Letters, 2012, 323, 171-179.	7.2	52
21	Multiple Autophosphorylation Is Essential for the Formation of the Active and Stable Homodimer of Heme-Regulated eIF2 $\pm$ Kinase. Biochemistry, 2001, 40, 11543-11551.	2.5	51
22	Suppression of Th17 cell differentiation by misshapen/NIK-related kinase MINK1. Journal of Experimental Medicine, 2017, 214, 1453-1469.	8.5	50
23	CD4 <sup>+</sup> T cells memorize obesity and promote weight regain. Cellular and Molecular Immunology, 2018, 15, 630-639.	10.5	47
24	Jak-STAT pathway is involved in the induction of TNF- $\beta$ gene during stimulation by IL-2. European Journal of Immunology, 1998, 28, 805-810.	2.9	34
25	Dimethyl Itaconate-Loaded Nanofibers Rewrite Macrophage Polarization, Reduce Inflammation, and Enhance Repair of Myocardial Infarction. Small, 2021, 17, e2006992.	10.0	33
26	Phosphatase PP2A is essential for T <sub>H</sub> 17 differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 982-987.	7.1	31
27	Misshapen/NIK-related kinase (MINK1) is involved in platelet function, hemostasis, and thrombus formation. Blood, 2016, 127, 927-937.	1.4	28
28	Tespa1 regulates T cell receptor-induced calcium signals by recruiting inositol 1,4,5-trisphosphate receptors. Nature Communications, 2017, 8, 15732.	12.8	25
29	SNX10 promotes phagosome maturation in macrophages and protects mice against <i>Listeria monocytogenes</i> infection. Oncotarget, 2017, 8, 53935-53947.	1.8	21
30	Glatiramer acetate ameliorates inflammatory bowel disease in mice through the induction of CD4 <sup>+</sup> restricted CD8 <sup>+</sup> regulatory cells. European Journal of Immunology, 2013, 43, 125-136.	2.9	20
31	A Novel Size-Based Sorting Mechanism of Pinocytic Luminal Cargoes in Microglia. Journal of Neuroscience, 2015, 35, 2674-2688.	3.6	16
32	Scaffolding protein Gab1 regulates myeloid dendritic cell migration in allergic asthma. Cell Research, 2016, 26, 1226-1241.	12.0	16
33	Runx3 Mediates Resistance to Intracellular Bacterial Infection by Promoting IL12 Signaling in Group 1 ILC and NCR+ILC3. Frontiers in Immunology, 2018, 9, 2101.	4.8	16
34	T Cell Costimulation through CD28 Depends on Induction of the Bcl-x $\beta$ Isoform. Journal of Experimental Medicine, 2002, 196, 87-95.	8.5	15
35	Detailed analysis of gene expression during development of T cell lineages in the thymus. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9339-9344.	7.1	15
36	Cxcr1 Positively Regulates GM-CSF-Derived Macrophage Phagocytosis Through Csf2r $\pm$ -Mediated Signaling. Frontiers in Immunology, 2018, 9, 1885.	4.8	15

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37	Epigenetic initiation of the T <sub>H</sub> 17 differentiation program is promoted by Cxcr6 protein 1. <i>Science Advances</i> , 2019, 5, eaax1608.	10.3	15
38	Thymic selection can compensate for mutations affecting T cell activation and generate a normal T cell repertoire in mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 210-214.	7.1	14
39	Geldanamycin, a heat shock protein 90-binding agent, disrupts Stat5 activation in IL-2-stimulated cells. <i>Journal of Cellular Physiology</i> , 2004, 198, 188-196.	4.1	14
40	The p38 MAPK Pathway Is Involved in the IL-2 Induction of TNF- $\beta$ Gene via the EBS Element. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 979-986.	2.1	13
41	Qa-1b-Dependent Modulation of Dendritic Cell and NK Cell Cross-Talk In Vivo. <i>Journal of Immunology</i> , 2007, 179, 4608-4615.	0.8	13
42	Activated mouse CD4 <sup>+</sup> Foxp3 <sup>hi</sup> T cells facilitate melanoma metastasis via Qa-1-dependent suppression of NK-cell cytotoxicity. <i>Cell Research</i> , 2012, 22, 1696-1706.	12.0	13
43	Tespa1 negatively regulates Fc $\mu$ RI-mediated signaling and the mast cell-mediated allergic response. <i>Journal of Experimental Medicine</i> , 2014, 211, 2635-2649.	8.5	13
44	Protein phosphatase 2A has an essential role in promoting thymocyte survival during selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12422-12427.	7.1	12
45	The transcription factor Zfp281 sustains CD4 <sup>+</sup> T lymphocyte activation through directly repressing Ctla-4 transcription. <i>Cellular and Molecular Immunology</i> , 2020, 17, 1222-1232.	10.5	12
46	Dual roles of misshapen/NIK-related kinase (MINK1) in osteoarthritis subtypes through the activation of TGF $\beta$ signaling. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 112-121.	1.3	12
47	Priming of NLRP3 inflammasome activation by Msn kinase MINK1 in macrophages. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2372-2382.	10.5	12
48	A spontaneous recurrent seizure-related Rattus NSF gene identified by linker capture subtraction. <i>Molecular Brain Research</i> , 2001, 87, 117-123.	2.3	11
49	huARdb: human Antigen Receptor database for interactive clonotype-transcriptome analysis at the single-cell level. <i>Nucleic Acids Research</i> , 2022, 50, D1244-D1254.	14.5	10
50	Thymic-specific regulation of TCR signaling by Tespa1. <i>Cellular and Molecular Immunology</i> , 2019, 16, 897-907.	10.5	8
51	Induction of Ref-1 Ensures AP-1 Activation in Intracellular Oxidative Environment of IL-2-Stimulated BA/F3 $\beta$ Cells. <i>Biochemical and Biophysical Research Communications</i> , 2000, 278, 462-469.	2.1	7
52	Tespa1 Deficiency Dampens Thymus-Dependent B-Cell Activation and Attenuates Collagen-Induced Arthritis in Mice. <i>Frontiers in Immunology</i> , 2018, 9, 965.	4.8	6
53	Tespa1 plays a role in the modulation of airway hyperreactivity through the IL-4/STAT6 pathway. <i>Journal of Translational Medicine</i> , 2020, 18, 444.	4.4	6
54	Transcriptional Regulation of Early T-Lymphocyte Development in Thymus. <i>Frontiers in Immunology</i> , 2022, 13, 884569.	4.8	6

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55	MDA5 expression is associated with TGF- $\beta$ 2-induced fibrosis: potential mechanism of interstitial lung disease in anti-MDA5 dermatomyositis. <i>Rheumatology</i> , 2022, 62, 373-383.	1.9	6
56	Unexpected role of clathrin adaptor AP-1 in MHC-dependent positive selection of T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2556-2561.	7.1	5
57	Thymocyte selection: From signaling to epigenetic regulation. <i>Advances in Immunology</i> , 2019, 144, 1-22.	2.2	5
58	CAR-T cell therapy: new hope for systemic lupus erythematosus patients. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2581-2582.	10.5	5
59	Functional Characterization of Ly49+CD8 T-Cells in Both Normal Condition and During Anti-Viral Response. <i>Frontiers in Immunology</i> , 2020, 11, 602783.	4.8	4
60	The positive and negative control actions of PTPase on IL-2 signaling. <i>Science in China Series C: Life Sciences</i> , 1999, 42, 614-620.	1.3	1
61	Mobilizing ER IP3 receptors as a mechanism to enhance calcium signaling. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2284-2285.	10.5	1
62	One way to pathogenesis, many ways to homeostasis. <i>Cellular and Molecular Immunology</i> , 2013, 10, 2-3.	10.5	0
63	Manipulation of Qa $\alpha$ 1-restricted CD8 Suppressor Cell Activity in Experimental Autoimmune Encephalomyelitis. <i>FASEB Journal</i> , 2008, 22, 393-393.	0.5	0