Lei Jin

List of Publications by Year
in descending order

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51 papers	2,673 citations	304743 22 h-index	243625 44 g-index
57 all docs	57 docs citations	57 times ranked	4049 citing authors

#	Article	IF	Citations
1	STING orchestrates the crosstalk between polyunsaturated fatty acid metabolism and inflammatory responses. Cell Metabolism, 2022, 34, 125-139.e8.	16.2	49
2	Unraveling Molecular and Metabolic Gutâ€Brain Signalling Disruptions and Potential Therapy in New Bardetâ€Biedl Syndrome Mouse. FASEB Journal, 2022, 36, .	0.5	0
3	Monocyte-derived dendritic cells link localized secretory IgA deficiency to adaptive immune activation in COPD. Mucosal Immunology, 2021, 14, 431-442.	6.0	18
4	The Third Man: DNA sensing as espionage in pulmonary vascular health and disease. Pulmonary Circulation, 2021, 11, 1-16.	1.7	3
5	Monocyte-Derived Dendritic Cells (moDCs) Differentiate into Bcl6+ Mature moDCs to Promote Cyclic di-GMP Vaccine Adjuvantâ€"Induced Memory TH Cells in the Lung. Journal of Immunology, 2021, 206, 2233-2245.	0.8	5
6	STING and transplantation: can targeting this pathway improve outcomes?. Blood, 2021, 137, 1871-1878.	1.4	2
7	Interferon-beta (IFNb) Reprograms Pathogenic Lung Dendritic Cells in Human Chronic Lung Allograft Dysfunction (CLAD). Journal of Heart and Lung Transplantation, 2021, 40, S58.	0.6	0
8	In vivo reprogramming of pathogenic lung TNFR2 ⁺ cDC2s by IFNÎ² inhibits HDM-induced asthma. Science Immunology, 2021, 6, .	11.9	7
9	Chitin-derived polymer deacetylation regulates mitochondrial reactive oxygen species dependent cGAS-STING and NLRP3 inflammasome activation. Biomaterials, 2021, 275, 120961.	11.4	20
10	cGASâ€"STING and MyD88 Pathways Synergize in Ly6Chi Monocyte to Promote Streptococcus pneumoniae-Induced Late-Stage Lung IFNÎ³ Production. Frontiers in Immunology, 2021, 12, 699702.	4.8	4
11	STING differentially regulates experimental GVHD mediated by CD8 versus CD4 T cell subsets. Science Translational Medicine, 2020, 12, .	12.4	15
12	New MoDC-Targeting TNF Fusion Proteins Enhance Cyclic Di-GMP Vaccine Adjuvanticity in Middle-Aged and Aged Mice. Frontiers in Immunology, 2020, 11, 1674.	4.8	4
13	Efficient Induction of Cytotoxic T Cells by Viral Vector Vaccination Requires STING-Dependent DC Functions. Frontiers in Immunology, 2020, 11, 1458.	4.8	9
14	The Age of Cyclic Dinucleotide Vaccine Adjuvants. Vaccines, 2020, 8, 453.	4.4	47
15	The Innate Immune Sensor Sting Promotes Donor CD8+ T Cell Activation and Recipient APC Death Early after Preclinical Allogeneic Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2020, 26, S29.	2.0	0
16	Lung IFNAR1hi TNFR2+ cDC2 promotes lung regulatory T cells induction and maintains lung mucosal tolerance at steady state. Mucosal Immunology, 2020, 13, 595-608.	6.0	20
17	Obesity and STING1 genotype associate with 23-valent pneumococcal vaccination efficacy. JCI Insight, 2020, 5, .	5.0	9
18	TMEM173 variants and potential importance to human biology and disease. Genes and Immunity, 2019, 20, 82-89.	4.1	87

#	Article	IF	Citations
19	The Innate Immune Sensor Sting Promotes CD8+ T Cell-Mediated Gvhd after Preclinical Allogeneic Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2019, 25, S49.	2.0	0
20	Chronic neurodegeneration induces type I interferon synthesis via STING, shaping microglial phenotype and accelerating disease progression. Glia, 2019, 67, 1254-1276.	4.9	80
21	Hectd3 promotes pathogenic Th17 lineage through Stat3 activation and Malt1 signaling in neuroinflammation. Nature Communications, 2019, 10, 701.	12.8	57
22	Immature lung TNFR2âˆ' conventional DC 2 subpopulation activates moDCs to promote cyclic di-GMP mucosal adjuvant responses in vivo. Mucosal Immunology, 2019, 12, 277-289.	6.0	24
23	B cell MHC class II signaling: A story of life and death. Human Immunology, 2019, 80, 37-43.	2.4	25
24	Evaluation of Mucosal and Systemic Vaccine Responses by Cyclic di-GMP (CDG)-Adjuvanted Protein Subunit Vaccines. Bio-protocol, 2019, 9, e3217.	0.4	2
25	The Innate Immune Sensor Sting Promotes Donor CD8+ T Cell Activation and Recipient APC Death Early after Preclinical Allogeneic Hematopoietic Stem Cell Transplantation. Blood, 2019, 134, 3202-3202.	1.4	0
26	The cGAS/STING Pathway Detects Streptococcus pneumoniae but Appears Dispensable for Antipneumococcal Defense in Mice and Humans. Infection and Immunity, 2018, 86, .	2.2	18
27	The common HAQ STING variant impairs cGAS-dependent antibacterial responses and is associated with susceptibility to Legionnairesâ€™ disease in humans. PLoS Pathogens, 2018, 14, e1006829.	4.7	43
28	The Innate Immune Sensor Sting Regulates Intestinal Inflammation and GVHD after Allogeneic Hematopoietic Stem Cell Transplantation in Knock-out and Human Allele Knock-in Recipient Mice. Blood, 2018, 132, 65-65.	1.4	0
29	Response to Comment on â€œThe Common R71H-G230A-R293Q Human <i>TMEM173</i> Is a Null Alleleâ€• Journal of Immunology, 2017, 198, 4185-4188.	0.8	10
30	The Common R71H-G230A-R293Q Human <i>TMEM173</i> Is a Null Allele. Journal of Immunology, 2017, 198, 776-787.	0.8	62
31	Growing tumors induce a local STING dependent Type I IFN response in dendritic cells. International Journal of Cancer, 2016, 139, 1350-1357.	5.1	41
32	The Vaccine Adjuvant Chitosan Promotes Cellular Immunity via DNA Sensor cGAS-STING-Dependent Induction of Type I Interferons. Immunity, 2016, 44, 597-608.	14.3	429
33	Immunological Functions of the Membrane Proximal Region of MHC Class II Molecules. F1000Research, 2016, 5, 368.	1.6	30
34	The mucosal adjuvant cyclic di-GMP enhances antigen uptake and selectively activates pinocytosis-efficient cells in vivo. ELife, 2015, 4, .	6.0	75
35	Rad50-CARD9 interactions link cytosolic DNA sensing to IL-1Î² production. Nature Immunology, 2014, 15, 538-545.	14.5	132
36	Deletion of the cyclic <scp>diâ€AMP</scp> phosphodiesterase gene (<scp><i>cnpB</i></scp>) in <scp><i>M</i></scp><i>ycobacterium tuberculosis</i> leads to reduced virulence in a mouse model of infection. Molecular Microbiology, 2014, 93, 65-79.	2.5	99

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37	MPYS/STING-Mediated TNF-Î±, Not Type I IFN, Is Essential for the Mucosal Adjuvant Activity of (3â€²â€“5â€²)-Cyclic-Di-Guanosine-Monophosphate In Vivo. Journal of Immunology, 2014, 192, 492-502.	0.8	74
38	Cyclicâ€diâ€GMP and cyclicâ€diâ€AMP activate the NLRP3 inflammasome. EMBO Reports, 2013, 14, 900-906.	4.5	75
39	Host DNA released in response to aluminum adjuvant enhances MHC class II-mediated antigen presentation and prolongs CD4 T-cell interactions with dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1122-31.	7.1	115
40	STING/MPYS Mediates Host Defense against <i>Listeria monocytogenes</i> Infection by Regulating Ly6Chi Monocyte Migration. Journal of Immunology, 2013, 190, 2835-2843.	0.8	45
41	VISA Is Required for B Cell Expression of TLR7. Journal of Immunology, 2012, 188, 248-258.	0.8	17
42	SMIP-016 in Action: CD37 as a Death Receptor. Cancer Cell, 2012, 21, 597-598.	16.8	6
43	Identification and characterization of a loss-of-function human MPYS variant. Genes and Immunity, 2011, 12, 263-269.	4.1	109
44	MPYS Is Required for IFN Response Factor 3 Activation and Type I IFN Production in the Response of Cultured Phagocytes to Bacterial Second Messengers Cyclic-di-AMP and Cyclic-di-GMP. Journal of Immunology, 2011, 187, 2595-2601.	0.8	262
45	Cellular Reactive Oxygen Species Inhibit MPYS Induction of IFNÎ². PLoS ONE, 2010, 5, e15142.	2.5	39
46	MHC class II structural requirements for the association with IgÎ±/Î², and signaling of calcium mobilization and cell death. Immunology Letters, 2008, 116, 184-194.	2.5	20
47	Activated plasmacytoid dendritic cells act synergistically with hepatitis B core antigen-pulsed monocyte-derived dendritic cells in the induction of hepatitis B virus-specific CD8 T-cell response. Clinical Immunology, 2008, 129, 295-303.	3.2	14
48	MPYS, a Novel Membrane Tetraspanner, Is Associated with Major Histocompatibility Complex Class II and Mediates Transduction of Apoptotic Signals. Molecular and Cellular Biology, 2008, 28, 5014-5026.	2.3	363
49	Sialic Acid Binding Domains of CD22 Are Required For Negative Regulation of B Cell Receptor Signaling. Journal of Experimental Medicine, 2002, 195, 1199-1205.	8.5	96
50	HAQ and AQ-MPYS Modulate Fatty Acid Metabolism and Immune Tolerance at Homoeostasis. SSRN Electronic Journal, 0, , .	0.4	0
51	IfnÎ² Reprograms Th2 Promoting Mature Lung TNFR2+ cDC2 Subset <i>in vivo</i> to Generate Regulatory T Cells and Restore Lung Mucosal Tolerance. SSRN Electronic Journal, 0, , .	0.4	0