

Xin Lin

List of Publications by Year in descending order

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papers

7,979
citations

41344

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docs citations

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times ranked

11936
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammatory T Cell Responses Rely on Amino Acid Transporter ASCT2 Facilitation of Glutamine Uptake and mTORC1 Kinase Activation. <i>Immunity</i> , 2014, 40, 692-705.	14.3	645
2	An improvement of the $2^{-\Delta\Delta CT}$ method for quantitative real-time polymerase chain reaction data analysis. <i>Biostatistics, Bioinformatics and Biomathematics</i> , 2013, 3, 71-85.	0.0	489
3	The adaptor protein CARD9 is required for innate immune responses to intracellular pathogens. <i>Nature Immunology</i> , 2007, 8, 198-205.	14.5	374
4	A requirement for CARMA1 in TCR-induced NF- κ B activation. <i>Nature Immunology</i> , 2002, 3, 830-835.	14.5	282
5	Phosphorylation of CARMA1 Plays a Critical Role in T Cell Receptor-Mediated NF- κ B Activation. <i>Immunity</i> , 2005, 23, 575-585.	14.3	277
6	C-Type Lectin Receptors Dectin-3 and Dectin-2 Form a Heterodimeric Pattern-Recognition Receptor for Host Defense against Fungal Infection. <i>Immunity</i> , 2013, 39, 324-334.	14.3	272
7	Ubiquitination of RIP Is Required for Tumor Necrosis Factor α -induced NF- κ B Activation. <i>Journal of Biological Chemistry</i> , 2006, 281, 13636-13643.	3.4	237
8	IL-6/JAK1 pathway drives PD-L1 Y112 phosphorylation to promote cancer immune evasion. <i>Journal of Clinical Investigation</i> , 2019, 129, 3324-3338.	8.2	209
9	CARD9-Dependent Neutrophil Recruitment Protects against Fungal Invasion of the Central Nervous System. <i>PLoS Pathogens</i> , 2015, 11, e1005293.	4.7	184
10	NF- κ B signaling pathways regulated by CARMA family of scaffold proteins. <i>Cell Research</i> , 2011, 21, 55-70.	12.0	171
11	C-type lectin receptor-induced NF- κ B activation in innate immune and inflammatory responses. <i>Cellular and Molecular Immunology</i> , 2012, 9, 105-112.	10.5	170
12	Positive and negative signaling components involved in TNF α -induced NF- κ B activation. <i>Cytokine</i> , 2008, 41, 1-8.	3.2	153
13	The Adaptor Protein CARD9 Protects against Colon Cancer by Restricting Mycobiota-Mediated Expansion of Myeloid-Derived Suppressor Cells. <i>Immunity</i> , 2018, 49, 504-514.e4.	14.3	125
14	Spinal cord atrophy and disability in multiple sclerosis over four years: application of a reproducible automated technique in monitoring disease progression in a cohort of the interferon β -1a (Rebif) treatment trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003, 74, 1090-1094.	1.9	122
15	CARD9 mediates Dectin-1-induced ERK activation by linking Ras-GRF1 to H-Ras for antifungal immunity. <i>Journal of Experimental Medicine</i> , 2014, 211, 2307-2321.	8.5	122
16	Caveolin-1 Triggers T-cell Activation via CD26 in Association with CARMA1. <i>Journal of Biological Chemistry</i> , 2007, 282, 10117-10131.	3.4	118
17	CARMA3 deficiency abrogates G protein-coupled receptor-induced NF- κ B activation. <i>Genes and Development</i> , 2007, 21, 984-996.	5.9	116
18	CARD9 Mediates Dectin-2-induced I κ B Kinase Ubiquitination Leading to Activation of NF- κ B in Response to Stimulation by the Hyphal Form of <i>Candida albicans</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 25969-25977.	3.4	115

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19	TAK1 Is Recruited to the Tumor Necrosis Factor- α (TNF- α) Receptor 1 Complex in a Receptor-interacting Protein (RIP)-dependent Manner and Cooperates with MEKK3 Leading to NF- κ B Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 43056-43063.	3.4	113
20	Tracing Conidial Fate and Measuring Host Cell Antifungal Activity Using a Reporter of Microbial Viability in the Lung. <i>Cell Reports</i> , 2012, 2, 1762-1773.	6.4	113
21	Cord Factor and Peptidoglycan Recapitulate the Th17-Promoting Adjuvant Activity of Mycobacteria through Mincle/CARD9 Signaling and the Inflammasome. <i>Journal of Immunology</i> , 2013, 190, 5722-5730.	0.8	112
22	CXCR2-modified CAR-T cells have enhanced trafficking ability that improves treatment of hepatocellular carcinoma. <i>European Journal of Immunology</i> , 2020, 50, 712-724.	2.9	112
23	Gain-of-Function Mutation of Card14 Leads to Spontaneous Psoriasis-like Skin Inflammation through Enhanced Keratinocyte Response to IL-17A. <i>Immunity</i> , 2018, 49, 66-79.e5.	14.3	109
24	The roles of CARMA1, Bcl10, and MALT1 in antigen receptor signaling. <i>Seminars in Immunology</i> , 2004, 16, 429-435.	5.6	105
25	C-type Lectin Receptor Dectin-3 Mediates Trehalose 6,6'-Dimycolate (TDM)-induced Mincle Expression through CARD9/Bcl10/MALT1-dependent Nuclear Factor (NF)- κ B Activation. <i>Journal of Biological Chemistry</i> , 2014, 289, 30052-30062.	3.4	103
26	Bcl10 plays a critical role in NF- κ B activation induced by G protein-coupled receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 145-150.	7.1	99
27	Phosphorylation and ubiquitination of the κ B kinase complex by two distinct signaling pathways. <i>EMBO Journal</i> , 2007, 26, 1794-1805.	7.8	97
28	CARMA1-mediated NF- κ B and JNK activation in lymphocytes. <i>Immunological Reviews</i> , 2009, 228, 199-211.	6.0	93
29	Compartment-Specific and Sequential Role of MyD88 and CARD9 in Chemokine Induction and Innate Defense during Respiratory Fungal Infection. <i>PLoS Pathogens</i> , 2015, 11, e1004589.	4.7	93
30	Tyrosine phosphatase SHP-2 mediates C-type lectin receptor-induced activation of the kinase Syk and anti-fungal TH17 responses. <i>Nature Immunology</i> , 2015, 16, 642-652.	14.5	92
31	USP18 inhibits NF- κ B and NFAT activation during Th17 differentiation by deubiquitinating the TAK1-TAB1 complex. <i>Journal of Experimental Medicine</i> , 2013, 210, 1575-1590.	8.5	89
32	JNK1 negatively controls antifungal innate immunity by suppressing CD23 expression. <i>Nature Medicine</i> , 2017, 23, 337-346.	30.7	89
33	<i>Candida albicans</i> gains azole resistance by altering sphingolipid composition. <i>Nature Communications</i> , 2018, 9, 4495.	12.8	89
34	C-Type Lectin Receptors Differentially Induce Th17 Cells and Vaccine Immunity to the Endemic Mycosis of North America. <i>Journal of Immunology</i> , 2014, 192, 1107-1119.	0.8	88
35	The CARMA1-Bcl10 Signaling Complex Selectively Regulates JNK2 Kinase in the T Cell Receptor-Signaling Pathway. <i>Immunity</i> , 2007, 26, 55-66.	14.3	86
36	CARMA3 is Crucial for EGFR-Induced Activation of NF- κ B and Tumor Progression. <i>Cancer Research</i> , 2011, 71, 2183-2192.	0.9	83

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37	CARD9 facilitates microbe-elicited production of reactive oxygen species by regulating the LyGDI-Rac1 complex. <i>Nature Immunology</i> , 2009, 10, 1208-1214.	14.5	81
38	Regulation of NF- κ B by the CARD proteins. <i>Immunological Reviews</i> , 2012, 246, 141-153.	6.0	74
39	Enhancing CAR-T cell efficacy in solid tumors by targeting the tumor microenvironment. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1085-1095.	10.5	74
40	Dectin-3 Deficiency Promotes Colitis Development due to Impaired Antifungal Innate Immune Responses in the Gut. <i>PLoS Pathogens</i> , 2016, 12, e1005662.	4.7	73
41	<i>Pseudomonas aeruginosa</i> quorum-sensing metabolite induces host immune cell death through cell surface lipid domain dissolution. <i>Nature Microbiology</i> , 2019, 4, 97-111.	13.3	71
42	The relationship of brain and cervical cord volume to disability in clinical subtypes of multiple sclerosis: a three-dimensional MRI study. <i>Acta Neurologica Scandinavica</i> , 2003, 108, 401-406.	2.1	66
43	CARD9S12N facilitates the production of IL-5 by alveolar macrophages for the induction of type 2 immune responses. <i>Nature Immunology</i> , 2018, 19, 547-560.	14.5	66
44	The cell cycle regulator 14-3-3 β opposes and reverses cancer metabolic reprogramming. <i>Nature Communications</i> , 2015, 6, 7530.	12.8	65
45	Chimeric STAR receptors using TCR machinery mediate robust responses against solid tumors. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	63
46	β 2-Arrestin 2 is required for lysophosphatidic acid-induced NF- κ B activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17085-17090.	7.1	62
47	K63-linked ubiquitination regulates RIPK1 kinase activity to prevent cell death during embryogenesis and inflammation. <i>Nature Communications</i> , 2019, 10, 4157.	12.8	59
48	Mincle Activation and the Syk/Card9 Signaling Axis Are Central to the Development of Autoimmune Disease of the Eye. <i>Journal of Immunology</i> , 2016, 196, 3148-3158.	0.8	57
49	CARD9 knockout ameliorates myocardial dysfunction associated with high fat diet-induced obesity. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 92, 185-195.	1.9	54
50	IL-17C is required for lethal inflammation during systemic fungal infection. <i>Cellular and Molecular Immunology</i> , 2016, 13, 474-483.	10.5	52
51	E3 ubiquitin ligase Cbl-b negatively regulates C-type lectin receptor-mediated antifungal innate immunity. <i>Journal of Experimental Medicine</i> , 2016, 213, 1555-1570.	8.5	48
52	Phospholipase C β 2 (PLC β 2) Is Key Component in Dectin-2 Signaling Pathway, Mediating Anti-fungal Innate Immune Responses. <i>Journal of Biological Chemistry</i> , 2011, 286, 43651-43659.	3.4	47
53	MALT1 is required for EGFR-induced NF- κ B activation and contributes to EGFR-driven lung cancer progression. <i>Oncogene</i> , 2016, 35, 919-928.	5.9	47
54	Restoration of NF- κ B Activation by Tumor Necrosis Factor Alpha Receptor Complex-Targeted MEKK3 in Receptor-Interacting Protein-Deficient Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 10757-10765.	2.3	44

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55	Tumor cell-activated CARD9 signaling contributes to metastasis-associated macrophage polarization. <i>Cell Death and Differentiation</i> , 2014, 21, 1290-1302.	11.2	44
56	Antifungal Activity of Plasmacytoid Dendritic Cells against <i>Cryptococcus neoformans</i> <i>In Vitro</i> Requires Expression of Dectin-3 (CLEC4D) and Reactive Oxygen Species. <i>Infection and Immunity</i> , 2016, 84, 2493-2504.	2.2	43
57	Malt1 Protease Is Critical in Maintaining Function of Regulatory T Cells and May Be a Therapeutic Target for Antitumor Immunity. <i>Journal of Immunology</i> , 2019, 202, 3008-3019.	0.8	43
58	TMEM43/LUMA is a key signaling component mediating EGFR-induced NF- κ B activation and tumor progression. <i>Oncogene</i> , 2017, 36, 2813-2823.	5.9	39
59	Linear ubiquitination of cFLIP induced by LUBAC contributes to TNF α -induced apoptosis. <i>Journal of Biological Chemistry</i> , 2018, 293, 20062-20072.	3.4	38
60	Inflammation and atrophy in multiple sclerosis: MRI associations with disease course. <i>Journal of the Neurological Sciences</i> , 2001, 189, 99-104.	0.6	37
61	Dissection of SAP-dependent and SAP-independent SLAM family signaling in NKT cell development and humoral immunity. <i>Journal of Experimental Medicine</i> , 2017, 214, 475-489.	8.5	36
62	Changes in the Peripheral Blood Treg Cell Proportion in Hepatocellular Carcinoma Patients After Transarterial Chemoembolization With Microparticles. <i>Frontiers in Immunology</i> , 2021, 12, 624789.	4.8	34
63	The CBM Complex Underwrites NF- κ B Activation to Promote HER2-Associated Tumor Malignancy. <i>Molecular Cancer Research</i> , 2016, 14, 93-102.	3.4	33
64	TLR sensing of bacterial spore-associated RNA triggers host immune responses with detrimental effects. <i>Journal of Experimental Medicine</i> , 2017, 214, 1297-1311.	8.5	33
65	Pinopode score around the time of implantation is predictive of successful implantation following frozen embryo transfer in hormone replacement cycles. <i>Human Reproduction</i> , 2017, 32, 2394-2403.	0.9	32
66	C-Type Lectin Receptor CD23 Is Required for Host Defense against <i>Candida albicans</i> and <i>Aspergillus fumigatus</i> Infection. <i>Journal of Immunology</i> , 2018, 201, 2427-2440.	0.8	32
67	TMEM43-S358L mutation enhances NF- κ B-TGF β 2 signal cascade in arrhythmogenic right ventricular dysplasia/cardiomyopathy. <i>Protein and Cell</i> , 2019, 10, 104-119.	11.0	31
68	CARMA1 Controls Th2 Cell-Specific Cytokine Expression through Regulating JunB and GATA3 Transcription Factors. <i>Journal of Immunology</i> , 2012, 188, 3160-3168.	0.8	30
69	Cationic nanoemulsions with prolonged retention time as promising carriers for ophthalmic delivery of tacrolimus. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 144, 105229.	4.0	30
70	Mesenchymal Stem Cell Seeding of Porcine Small Intestinal Submucosal Extracellular Matrix for Cardiovascular Applications. <i>PLoS ONE</i> , 2016, 11, e0153412.	2.5	29
71	Tumor Necrosis Factor Receptor-associated Factor 6 (TRAF6) and TGF β 2-activated Kinase 1 (TAK1) Play Essential Roles in the C-type Lectin Receptor Signaling in Response to <i>Candida albicans</i> Infection. <i>Journal of Biological Chemistry</i> , 2012, 287, 44143-44150.	3.4	27
72	PKC- ζ activation in neutrophils promotes fungal clearance. <i>Journal of Leukocyte Biology</i> , 2016, 100, 581-588.	3.3	27

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73	Fungal-derived cues promote ocular autoimmunity through a Dectin-2/Card9-mediated mechanism. <i>Clinical and Experimental Immunology</i> , 2017, 190, 293-303.	2.6	24
74	Histological outcomes of sinus augmentation for dental implants with calcium phosphate or deproteinized bovine bone: a systematic review and meta-analysis. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2016, 45, 1471-1477.	1.5	23
75	CARMA3 Is a Host Factor Regulating the Balance of Inflammatory and Antiviral Responses against Viral Infection. <i>Cell Reports</i> , 2016, 14, 2389-2401.	6.4	23
76	E3 ligase c-Cbl regulates intestinal inflammation through suppressing fungi-induced noncanonical NF- κ B activation. <i>Science Advances</i> , 2021, 7, .	10.3	20
77	CARMA3: Scaffold Protein Involved in NF- κ B Signaling. <i>Frontiers in Immunology</i> , 2019, 10, 176.	4.8	19
78	Epithelial Growth Factor Receptor-Activated Nuclear Factor κ B Signaling and Its Role in Epithelial Growth Factor Receptor-Associated Tumors. <i>Cancer Journal (Sudbury, Mass)</i> , 2013, 19, 461-467.	2.0	18
79	The CARMA3-BCL10-MALT1 (CBM) complex contributes to DNA damage-induced NF- κ B activation and cell survival. <i>Protein and Cell</i> , 2017, 8, 856-860.	11.0	17
80	RNF31 Regulates Skin Homeostasis by Protecting Epidermal Keratinocytes from Cell Death. <i>Journal of Immunology</i> , 2018, 200, 4117-4124.	0.8	17
81	Bcl10 is required for the development and suppressive function of Foxp3+ regulatory T cells. <i>Cellular and Molecular Immunology</i> , 2021, 18, 206-218.	10.5	17
82	Potential role of CARMA1 in CD40-induced splenic B cell proliferation and marginal zone B cell maturation. <i>European Journal of Immunology</i> , 2006, 36, 3033-3043.	2.9	16
83	Regulation of Linear Ubiquitin Chain Assembly Complex by Caspase-Mediated Cleavage of RNF31. <i>Molecular and Cellular Biology</i> , 2016, 36, 3010-3018.	2.3	16
84	Functional vulnerability of liver macrophages to capsules defines virulence of blood-borne bacteria. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	13
85	Phosphoinositide 3-Kinase γ Regulates Dectin-2 Signaling and the Generation of Th2 and Th17 Immunity. <i>Journal of Immunology</i> , 2016, 197, 278-287.	0.8	12
86	Intrinsic Abnormalities of Keratinocytes Initiate Skin Inflammation through the IL-23/T17 Axis in a MALT1-Dependent Manner. <i>Journal of Immunology</i> , 2021, 206, 839-848.	0.8	12
87	Activation of the Transcription Factor c-Maf in T Cells Is Dependent on the CARMA1-IKK β Signaling Cascade. <i>Science Signaling</i> , 2013, 6, ra110.	3.6	11
88	NADPH Oxidase Limits Collaborative Pattern-Recognition Receptor Signaling to Regulate Neutrophil Cytokine Production in Response to Fungal Pathogen-Associated Molecular Patterns. <i>Journal of Immunology</i> , 2021, 207, 923-937.	0.8	8
89	A novel adoptive synthetic α TCR and antigen receptor (α STAR) α Cell therapy for α Cell acute lymphoblastic leukemia. <i>American Journal of Hematology</i> , 2022, 97, 992-1004.	4.1	8
90	Effect of Glucose on the Respiratory Burst of Circulating Neutrophils from Asthmatics. <i>Experimental and Molecular Pathology</i> , 1995, 62, 1-11.	2.1	6

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91	HSPA13 facilitates NF- κ B-mediated transcription and attenuates cell death responses in TNF signaling. <i>Science Advances</i> , 2021, 7, eabh1756.	10.3	5
92	Pancancer Analyses Reveal Genomics and Clinical Characteristics of the SETDB1 in Human Tumors. <i>Journal of Oncology</i> , 2022, 2022, 1-40.	1.3	5
93	Knockout of immunotherapy prognostic marker genes eliminates the effect of the anti-PD-1 treatment. <i>Npj Precision Oncology</i> , 2021, 5, 37.	5.4	4
94	Linear Ubiquitination of RIPK1 on Lys612 Regulates Systemic Inflammation via Preventing Cell Death. <i>Journal of Immunology</i> , 2021, 207, 602-612.	0.8	4
95	PROTAC mediated FKBP12 degradation enhances Heparin expression via BMP signaling without immunosuppression activity. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	17.1	4
96	MyD88-Dependent Signaling Is Required for HOIP Deficiency-Induced Autoinflammation. <i>Journal of Immunology</i> , 2021, 207, ji2100173.	0.8	3
97	Reduction in hMSH2 mRNA levels by premature translation termination: implications for mutation screening in hereditary nonpolyposis colorectal cancer. <i>Digestive Diseases and Sciences</i> , 1999, 44, 553-559.	2.3	2
98	Rapid generation and selection of Cas9-engineering TRP53 R172P mice that do not have off-target effects. <i>BMC Biotechnology</i> , 2019, 19, 74.	3.3	0