

Xiao-Ping Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,839
citations

126708

33
h-index

182168

51
g-index

69
all docs

69
docs citations

69
times ranked

3505
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption of diacylglycerol metabolism impairs the induction of T cell anergy. <i>Nature Immunology</i> , 2006, 7, 1174-1181.	7.0	254
2	Enhanced T cell responses due to diacylglycerol kinase $\hat{\eta}$ deficiency. <i>Nature Immunology</i> , 2003, 4, 882-890.	7.0	201
3	Regulation of T Cell Receptor-induced Activation of the Ras-ERK Pathway by Diacylglycerol Kinase $\hat{\eta}$. <i>Journal of Biological Chemistry</i> , 2002, 277, 31089-31098.	1.6	101
4	IKK $\hat{\alpha}$ negatively regulates ASC-dependent inflammasome activation. <i>Nature Communications</i> , 2014, 5, 4977.	5.8	96
5	Critical roles of mTOR Complex 1 and 2 for T follicular helper cell differentiation and germinal center responses. <i>ELife</i> , 2016, 5, .	2.8	89
6	Negative regulation of mTOR activation by diacylglycerol kinases. <i>Blood</i> , 2011, 117, 4022-4031.	0.6	87
7	Synergistic control of T cell development and tumor suppression by diacylglycerol kinase $\hat{\alpha}$ and $\hat{\eta}$. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11909-11914.	3.3	81
8	Diacylglycerol kinases in immune cell function and self-tolerance. <i>Immunological Reviews</i> , 2008, 224, 249-264.	2.8	79
9	Regulation of T-cell survival and mitochondrial homeostasis by TSC1. <i>European Journal of Immunology</i> , 2011, 41, 3361-3370.	1.6	78
10	Diacylglycerol Kinase $\hat{\eta}$ Regulates Actin Cytoskeleton Reorganization through Dissociation of Rac1 from RhoGDI. <i>Molecular Biology of the Cell</i> , 2009, 20, 2049-2059.	0.9	73
11	The Role of Tuberous Sclerosis Complex 1 in Regulating Innate Immunity. <i>Journal of Immunology</i> , 2012, 188, 3658-3666.	0.4	69
12	Thymic Epithelial Cells Contribute to Thymopoiesis and T Cell Development. <i>Frontiers in Immunology</i> , 2019, 10, 3099.	2.2	62
13	Diacylglycerol kinase $\hat{\eta}$ regulates microbial recognition and host resistance to <i>Toxoplasma gondii</i> . <i>Journal of Experimental Medicine</i> , 2007, 204, 781-792.	4.2	60
14	IL-17 Production of Neutrophils Enhances Antibacteria Ability but Promotes Arthritis Development During <i>Mycobacterium tuberculosis</i> Infection. <i>EBioMedicine</i> , 2017, 23, 88-99.	2.7	60
15	A nonsense mutation in IKBKB causes combined immunodeficiency. <i>Blood</i> , 2014, 124, 2046-2050.	0.6	59
16	Tumor suppressor TSC1 is critical for T-cell anergy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14152-14157.	3.3	58
17	Mechanistic target of rapamycin complex 1 is critical for invariant natural killer T-cell development and effector function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E776-83.	3.3	56
18	Dominant Splice Site Mutations in PIK3R1 Cause Hyper IgM Syndrome, Lymphadenopathy and Short Stature. <i>Journal of Clinical Immunology</i> , 2016, 36, 462-471.	2.0	55

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19	Vitamin B5 Reduces Bacterial Growth via Regulating Innate Immunity and Adaptive Immunity in Mice Infected with Mycobacterium tuberculosis. <i>Frontiers in Immunology</i> , 2018, 9, 365.	2.2	54
20	iNKT cells require TSC1 for terminal maturation and effector lineage fate decisions. <i>Journal of Clinical Investigation</i> , 2014, 124, 1685-1698.	3.9	54
21	Developmental regulation of V(D)J recombination at the TCR $\alpha/5$ locus. <i>Immunological Reviews</i> , 1998, 165, 131-147.	2.8	53
22	Circulating Mucosal-Associated Invariant T Cells in a Large Cohort of Healthy Chinese Individuals From Newborn to Elderly. <i>Frontiers in Immunology</i> , 2019, 10, 260.	2.2	51
23	Regulation of Lipid Signaling by Diacylglycerol Kinases during T Cell Development and Function. <i>Frontiers in Immunology</i> , 2013, 4, 178.	2.2	49
24	Tight Regulation of Diacylglycerol-Mediated Signaling Is Critical for Proper Invariant NKT Cell Development. <i>Journal of Immunology</i> , 2011, 187, 2122-2129.	0.4	48
25	Critical Roles of RasGRP1 for Invariant NKT Cell Development. <i>Journal of Immunology</i> , 2011, 187, 4467-4473.	0.4	45
26	Critical Role of the Tumor Suppressor Tuberous Sclerosis Complex 1 in Dendritic Cell Activation of CD4 T Cells by Promoting MHC Class II Expression via IRF4 and CIITA. <i>Journal of Immunology</i> , 2013, 191, 699-707.	0.4	45
27	SAP-Mediated Inhibition of Diacylglycerol Kinase $\hat{\pm}$ Regulates TCR-Induced Diacylglycerol Signaling. <i>Journal of Immunology</i> , 2011, 187, 5941-5951.	0.4	43
28	MicroRNA-34a Enhances T Cell Activation by Targeting Diacylglycerol Kinase $\hat{\mu}$. <i>PLoS ONE</i> , 2013, 8, e77983.	1.1	42
29	Essential Role of mTORC1 in Self-Renewal of Murine Alveolar Macrophages. <i>Journal of Immunology</i> , 2017, 198, 492-504.	0.4	41
30	Differential Regulation of Primary and Memory CD8 T Cell Immune Responses by Diacylglycerol Kinases. <i>Journal of Immunology</i> , 2012, 188, 2111-2117.	0.4	38
31	Regulation of $\hat{\epsilon}$ %T Cell Receptor $\hat{\nu}$ Gene Rearrangement by CBF/PEBP2. <i>Journal of Experimental Medicine</i> , 1997, 185, 1193-1202.	4.2	37
32	Regulation of mast cell survival and function by tuberous sclerosis complex 1. <i>Blood</i> , 2012, 119, 3306-3314.	0.6	37
33	T Cell Co-inhibitory Receptors-Functions and Signalling Mechanisms. <i>Journal of Clinical & Cellular Immunology</i> , 2013, 01, 5.	1.5	36
34	$\langle \text{sc} \rangle$ NLRC $\langle / \text{sc} \rangle$ 3 expression in dendritic cells attenuates $\langle \text{sc} \rangle$ CD $\langle / \text{sc} \rangle$ 4 $\langle \text{sup} \rangle$ + $\langle / \text{sup} \rangle$ T cell response and autoimmunity. <i>EMBO Journal</i> , 2019, 38, e101397.	3.5	35
35	NLRC3 negatively regulates CD4+ T cells and impacts protective immunity during Mycobacterium tuberculosis infection. <i>PLoS Pathogens</i> , 2018, 14, e1007266.	2.1	34
36	FoxO-Dependent Regulation of Diacylglycerol Kinase $\hat{\pm}$ Gene Expression. <i>Molecular and Cellular Biology</i> , 2012, 32, 4168-4180.	1.1	32

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37	Receptor signaling in immune cell development and function. <i>Immunologic Research</i> , 2011, 49, 109-123.	1.3	28
38	Diacylglycerol Kinase $\hat{\Gamma}$ Limits B Cell Antigen Receptor-Dependent Activation of ERK Signaling to Inhibit Early Antibody Responses. <i>Science Signaling</i> , 2013, 6, ra91.	1.6	27
39	Vitamin B1 Helps to Limit Mycobacterium tuberculosis Growth via Regulating Innate Immunity in a Peroxisome Proliferator-Activated Receptor- $\hat{\Gamma}$ -Dependent Manner. <i>Frontiers in Immunology</i> , 2018, 9, 1778.	2.2	27
40	Tuberous Sclerosis 1 Promotes Invariant NKT Cell Anergy and Inhibits Invariant NKT Cell-Mediated Antitumor Immunity. <i>Journal of Immunology</i> , 2014, 192, 2643-2650.	0.4	25
41	Unexpected positive control of NF $\hat{\Gamma}$ B and miR-155 by DGK $\hat{\Gamma}$ and $\hat{\Gamma}$ ensures effector and memory CD8+ T cell differentiation. <i>Oncotarget</i> , 2016, 7, 33744-33764.	0.8	25
42	Differential Requirement of RasGRP1 for $\hat{\Gamma}$ T Cell Development and Activation. <i>Journal of Immunology</i> , 2012, 189, 61-71.	0.4	24
43	mTORC1 in Thymic Epithelial Cells Is Critical for Thymopoiesis, T-Cell Generation, and Temporal Control of $\hat{\Gamma}$ T17 Development and TCR $\hat{\Gamma}$ Recombination. <i>PLoS Biology</i> , 2016, 14, e1002370.	2.6	23
44	Diacylglycerol Kinases in T Cell Tolerance and Effector Function. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 130.	1.8	22
45	Differential controls of MAIT cell effector polarization by mTORC1/mTORC2 via integrating cytokine and costimulatory signals. <i>Nature Communications</i> , 2021, 12, 2029.	5.8	21
46	TSC1 Promotes B Cell Maturation but Is Dispensable for Germinal Center Formation. <i>PLoS ONE</i> , 2015, 10, e0127527.	1.1	21
47	The Role and Regulation of mTOR in T-Lymphocyte Function. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2012, 60, 173-181.	1.0	20
48	Sustained activation of mTORC1 in macrophages increases AMPK $\hat{\Gamma}$ -dependent autophagy to maintain cellular homeostasis. <i>BMC Biochemistry</i> , 2016, 17, 14.	4.4	20
49	mTOR and its tight regulation for iNKT cell development and effector function. <i>Molecular Immunology</i> , 2015, 68, 536-545.	1.0	18
50	Role of Tumor Suppressor TSC1 in Regulating Antigen-Specific Primary and Memory CD8 T Cell Responses to Bacterial Infection. <i>Infection and Immunity</i> , 2014, 82, 3045-3057.	1.0	17
51	Accessibility Control of T Cell Receptor Gene Rearrangement in Developing Thymocytes: The TCR $\hat{\Gamma}$ Locus. <i>Immunologic Research</i> , 2000, 22, 127-136.	1.3	16
52	Deficiency of Mucosal-Associated Invariant T Cells in TCR $\hat{\Gamma}$ 18 Germline Knockout Mice. <i>ImmunoHorizons</i> , 2019, 3, 203-207.	0.8	14
53	mTORC2 in Thymic Epithelial Cells Controls Thymopoiesis and T Cell Development. <i>Journal of Immunology</i> , 2016, 197, 141-150.	0.4	13
54	Vibrio vulnificus induces mTOR activation and inflammatory responses in macrophages. <i>PLoS ONE</i> , 2017, 12, e0181454.	1.1	12

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55	MxA suppresses TAK1-IKK β /I κ B mediated inflammatory cytokine production to facilitate Mycobacterium tuberculosis infection. <i>Journal of Infection</i> , 2020, 81, 231-241.	1.7	12
56	Development and Evaluation of a Novel Mouse Model of Asphyxial Cardiac Arrest Revealed Severely Impaired Lymphopoiesis After Resuscitation. <i>Journal of the American Heart Association</i> , 2021, 10, e019142.	1.6	11
57	Thymic Epithelial Cell-Derived IL-15 and IL-15 Receptor α Chain Foster Local Environment for Type 1 Innate Like T Cell Development. <i>Frontiers in Immunology</i> , 2021, 12, 623280.	2.2	8
58	Differential Control of iNKT Cell Effector Lineage Differentiation by the Forkhead Box Protein O1 (Foxo1) Transcription Factor. <i>Frontiers in Immunology</i> , 2019, 10, 2710.	2.2	6
59	DGK β and γ Activities Control TH1 and TH17 Cell Differentiation. <i>Frontiers in Immunology</i> , 2019, 10, 3048.	2.2	6
60	Graded diacylglycerol kinases β and γ activities ensure mucosal-associated invariant T cell development in mice. <i>European Journal of Immunology</i> , 2020, 50, 192-204.	1.6	5
61	Intercellular Protein Transfer from Thymocytes to Thymic Epithelial Cells. <i>PLoS ONE</i> , 2016, 11, e0152641.	1.1	5
62	mTOR is critical for intestinal T-cell homeostasis and resistance to <i>Citrobacter rodentium</i> . <i>Scientific Reports</i> , 2016, 6, 34939.	1.6	4
63	Diacylglycerol Kinase Zeta Positively Controls the Development of iNKT-17 Cells. <i>PLoS ONE</i> , 2013, 8, e75202.	1.1	4
64	Regulation of Intrinsic and Bystander T Follicular Helper Cell Differentiation and Autoimmunity by Tsc1. <i>Frontiers in Immunology</i> , 2021, 12, 620437.	2.2	3
65	Efficient CD4Cre-Mediated Conditional KRas Expression in Alveolar Macrophages and Alveolar Epithelial Cells Causes Fatal Hyperproliferative Pneumonitis. <i>Journal of Immunology</i> , 2019, 203, 1208-1217.	0.4	2
66	Loss of Diacylglycerol Kinase β Enhances Macrophage Responsiveness. <i>Frontiers in Immunology</i> , 2021, 12, 722469.	2.2	2
67	Negative control of diacylglycerol kinase γ -mediated inhibition of T cell receptor signaling by nuclear sequestration in mice. <i>European Journal of Immunology</i> , 2020, 50, 1729-1745.	1.6	1