

Xiaoming Zhan

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,612
citations

516215

16
h-index

414034

32
g-index

32
all docs

32
docs citations

32
times ranked

3385
citing authors

#	ARTICLE	IF	CITATIONS
1	NLRP3 activation and mitosis are mutually exclusive events coordinated by NEK7, a new inflammasome component. <i>Nature Immunology</i> , 2016, 17, 250-258.	7.0	532
2	TLR4/MD-2 activation by a synthetic agonist with no similarity to LPS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E884-93.	3.3	115
3	MAVS, cGAS, and endogenous retroviruses in T-independent B cell responses. <i>Science</i> , 2014, 346, 1486-1492.	6.0	105
4	An epigenetic switch induced by Shh signalling regulates gene activation during development and medulloblastoma growth. <i>Nature Communications</i> , 2014, 5, 5425.	5.8	87
5	Dual role of Brg chromatin remodeling factor in Sonic hedgehog signaling during neural development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12758-12763.	3.3	84
6	Adjuvant effect of the novel TLR1/TLR2 agonist Diprovocim synergizes with anti-PD-L1 to eliminate melanoma in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8698-E8706.	3.3	77
7	Real-time resolution of point mutations that cause phenovariance in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E440-9.	3.3	75
8	Creatine maintains intestinal homeostasis and protects against colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1273-E1281.	3.3	56
9	IgD class switching is initiated by microbiota and limited to mucosa-associated lymphoid tissue in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1196-E1204.	3.3	50
10	SLFN2 protection of tRNAs from stress-induced cleavage is essential for T cell-mediated immunity. <i>Science</i> , 2021, 372, .	6.0	43
11	LMBR1L regulates lymphopoiesis through Wnt/ β -catenin signaling. <i>Science</i> , 2019, 364, .	6.0	41
12	Autism-Associated Chromatin Regulator Brg1/SmrcA4 Is Required for Synapse Development and Myocyte Enhancer Factor 2-Mediated Synapse Remodeling. <i>Molecular and Cellular Biology</i> , 2016, 36, 70-83.	1.1	40
13	Excessive endosomal TLR signaling causes inflammatory disease in mice with defective SMCR8-WDR41-C9ORF72 complex function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11523-E11531.	3.3	40
14	Generation of BAF ^{53b} transgenic mice with pan-neuronal C _{re} activities. <i>Genesis</i> , 2015, 53, 440-448.	0.8	34
15	Insulin resistance and diabetes caused by genetic or diet-induced KBTBD2 deficiency in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6418-E6426.	3.3	31
16	HCFC2 is needed for IRF1- and IRF2-dependent Tlr3 transcription and for survival during viral infections. <i>Journal of Experimental Medicine</i> , 2017, 214, 3263-3277.	4.2	23
17	N4BP1 negatively regulates NF- κ B by binding and inhibiting NEMO oligomerization. <i>Nature Communications</i> , 2021, 12, 1379.	5.8	21
18	A viable hypomorphic Arnt2 mutation causes hyperphagic obesity, diabetes and hepatic steatosis. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	17

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19	Skin-specific regulation of SREBP processing and lipid biosynthesis by glycerol kinase 5. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5197-E5206.	3.3	15
20	Enhanced susceptibility to chemically induced colitis caused by excessive endosomal TLR signaling in LRBA-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11380-11389.	3.3	13
21	Essential requirement for nicastrin in marginal zone and B-1 B cell development. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4894-4901.	3.3	13
22	The class I myosin MYO1D binds to lipid and protects against colitis. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	12
23	Essential cell-extrinsic requirement for PDIA6 in lymphoid and myeloid development. Journal of Experimental Medicine, 2020, 217, .	4.2	12
24	Mutual inhibition between Prkd2 and Bcl6 controls T follicular helper cell differentiation. Science Immunology, 2020, 5, .	5.6	12
25	Mutation of the ER retention receptor KDELR1 leads to cell-intrinsic lymphopenia and a failure to control chronic viral infection. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5706-14.	3.3	11
26	Neuronal activity-induced BRG1 phosphorylation regulates enhancer activation. Cell Reports, 2021, 36, 109357.	2.9	11
27	Genetic and structural studies of RABL3 reveal an essential role in lymphoid development and function. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8563-8572.	3.3	10
28	Syndromic immune disorder caused by a viable hypomorphic allele of spliceosome component Snrnp40. Nature Immunology, 2019, 20, 1322-1334.	7.0	7
29	Adenosine monophosphate deaminase 3 null mutation causes reduction of naive T cells in mouse peripheral blood. Blood Advances, 2020, 4, 3594-3605.	2.5	7
30	Dominant atopy risk mutations identified by mouse forward genetic analysis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1095-1108.	2.7	7
31	Thousands of induced germline mutations affecting immune cells identified by automated meiotic mapping coupled with machine learning. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	7
32	RNPS1 inhibits excessive tumor necrosis factor/tumor necrosis factor receptor signaling to support hematopoiesis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200128119.	3.3	4