

# 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

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g-index

32  
all docs

32  
docs citations

32  
times ranked

3385  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	N4BP1 negatively regulates NF- $\kappa$ B by binding and inhibiting NEMO oligomerization. Nature Communications, 2021, 12, 1379.	5.8	21
4	SLFN2 protection of tRNAs from stress-induced cleavage is essential for T cell-mediated immunity. Science, 2021, 372, .	6.0	43
5	Neuronal activity-induced BRG1 phosphorylation regulates enhancer activation. Cell Reports, 2021, 36, 109357.	2.9	11
6	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
7	Essential cell-extrinsic requirement for PDIA6 in lymphoid and myeloid development. Journal of Experimental Medicine, 2020, 217, .	4.2	12
8	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
9	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
10	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
11	Mutual inhibition between Prkd2 and Bcl6 controls T follicular helper cell differentiation. Science Immunology, 2020, 5, .	5.6	12
12	Syndromic immune disorder caused by a viable hypomorphic allele of spliceosome component Snrnp40. Nature Immunology, 2019, 20, 1322-1334.	7.0	7
13	LMBR1L regulates lymphopoiesis through Wnt/ $\beta$ 2-catenin signaling. Science, 2019, 364, .	6.0	41
14	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
15	Excessive endosomal TLR signaling causes inflammatory disease in mice with defective SMCR8-WDR41-C9ORF72 complex function. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11523-E11531.	3.3	40
16	A viable hypomorphic <i>Arnt2</i> mutation causes hyperphagic obesity, diabetes and hepatic steatosis. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	17
17	The class I myosin MYO1D binds to lipid and protects against colitis. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	12
18	Adjuvant effect of the novel TLR1/TLR2 agonist Diprovocim synergizes with anti-PD-L1 to eliminate melanoma in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8698-E8706.	3.3	77

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19	IgD class switching is initiated by microbiota and limited to mucosa-associated lymphoid tissue in mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1196-E1204.	3.3	50
20	Creatine maintains intestinal homeostasis and protects against colitis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1273-E1281.	3.3	56
21	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
22	HCFC2 is needed for IRF1- and IRF2-dependent <i>Tlr3</i> transcription and for survival during viral infections. Journal of Experimental Medicine, 2017, 214, 3263-3277.	4.2	23
23	Insulin resistance and diabetes caused by genetic or diet-induced KBTBD2 deficiency in mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6418-E6426.	3.3	31
24	NLRP3 activation and mitosis are mutually exclusive events coordinated by NEK7, a new inflammasome component. Nature Immunology, 2016, 17, 250-258.	7.0	532
25	TLR4/MD-2 activation by a synthetic agonist with no similarity to LPS. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E884-93.	3.3	115
26	Autism-Associated Chromatin Regulator Brg1/Smrca4 Is Required for Synapse Development and Myocyte Enhancer Factor 2-Mediated Synapse Remodeling. Molecular and Cellular Biology, 2016, 36, 70-83.	1.1	40
27	Generation of <i>BAF3.Cre</i> transgenic mice with pan-neuronal <i>C</i> re activities. Genesis, 2015, 53, 440-448.	0.8	34
28	Real-time resolution of point mutations that cause phenovariance in mice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E440-9.	3.3	75
29	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
30	MAVS, cGAS, and endogenous retroviruses in T-independent B cell responses. Science, 2014, 346, 1486-1492.	6.0	105
31	An epigenetic switch induced by Shh signalling regulates gene activation during development and medulloblastoma growth. Nature Communications, 2014, 5, 5425.	5.8	87
32	Dual role of Brg chromatin remodeling factor in Sonic hedgehog signaling during neural development. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12758-12763.	3.3	84