

# Mingzhao Zhu

## List of Publications by Year in descending order

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46  
papers

1,588  
citations

331670

21  
h-index

315739

38  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2664  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-targeting nanoparticle vaccine elicits a therapeutic antibody response against chronic hepatitis B. <i>Nature Nanotechnology</i> , 2020, 15, 406-416.	31.5	134
2	H2A.Z facilitates licensing and activation of early replication origins. <i>Nature</i> , 2020, 577, 576-581.	27.8	119
3	NF- $\kappa$ B2 is required for the establishment of central tolerance through an Aire-dependent pathway. <i>Journal of Clinical Investigation</i> , 2006, 116, 2964-2971.	8.2	116
4	Dual Targeting of Innate and Adaptive Checkpoints on Tumor Cells Limits Immune Evasion. <i>Cell Reports</i> , 2018, 24, 2101-2111.	6.4	90
5	Salivary factor LTRIN from <i>Aedes aegypti</i> facilitates the transmission of Zika virus by interfering with the lymphotoxin- $\hat{1}^2$ receptor. <i>Nature Immunology</i> , 2018, 19, 342-353.	14.5	81
6	The mycobacterial phosphatase PtpA regulates the expression of host genes and promotes cell proliferation. <i>Nature Communications</i> , 2017, 8, 244.	12.8	80
7	A novel method for synthetic vaccine construction based on protein assembly. <i>Scientific Reports</i> , 2014, 4, 7266.	3.3	73
8	Ferritin nanoparticle-based SpyTag/SpyCatcher-enabled click vaccine for tumor immunotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 16, 69-78.	3.3	71
9	Developmental pathway of CD4 <sup>+</sup> CD8 <sup>+</sup> medullary thymocytes during mouse ontogeny and its defect in <i>Aire</i> <sup>-/-</sup> mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18175-18180.	7.1	64
10	Ferritin nanoparticle-based SARS-CoV-2 RBD vaccine induces a persistent antibody response and long-term memory in mice. <i>Cellular and Molecular Immunology</i> , 2021, 18, 749-751.	10.5	60
11	Lymphotoxin $\hat{1}^2$ Receptor Is Required for the Migration and Selection of Autoreactive T Cells in Thymic Medulla. <i>Journal of Immunology</i> , 2007, 179, 8069-8075.	0.8	57
12	Lymphotoxin signalling in tertiary lymphoid structures and immunotherapy. <i>Cellular and Molecular Immunology</i> , 2017, 14, 809-818.	10.5	52
13	Lymphotoxin Pathway-Directed, Autoimmune Regulator-Independent Central Tolerance to Arthritogenic Collagen. <i>Journal of Immunology</i> , 2006, 177, 290-297.	0.8	49
14	CDK5RAP3, a UFL1 substrate adaptor, is critical for liver development. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	49
15	Coordinating antigen cytosolic delivery and danger signaling to program potent cross-priming by micelle-based nanovaccine. <i>Cell Discovery</i> , 2017, 3, 17007.	6.7	43
16	The role of core TNF/LIGHT family members in lymph node homeostasis and remodeling. <i>Immunological Reviews</i> , 2011, 244, 75-84.	6.0	40
17	A novel dendritic cell targeting HPV16 E7 synthetic vaccine in combination with PD-L1 blockade elicits therapeutic antitumor immunity in mice. <i>Oncimmunology</i> , 2016, 5, e1147641.	4.6	40
18	Enhancement of DNA vaccine potency against herpes simplex virus 1 by co-administration of an interleukin-18 expression plasmid as a genetic adjuvant. <i>Journal of Medical Microbiology</i> , 2003, 52, 223-228.	1.8	39

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19	Immunoregulation by tumor necrosis factor superfamily member LIGHT. <i>Immunological Reviews</i> , 2009, 229, 232-243.	6.0	35
20	LIGHT Regulates Inflamed Draining Lymph Node Hypertrophy. <i>Journal of Immunology</i> , 2011, 186, 7156-7163.	0.8	28
21	LT $\beta$ R controls thymic portal endothelial cells for haematopoietic progenitor cell homing and T-cell regeneration. <i>Nature Communications</i> , 2016, 7, 12369.	12.8	26
22	The complicated role of NF- $\kappa$ B in T-cell selection. <i>Cellular and Molecular Immunology</i> , 2010, 7, 89-93.	10.5	22
23	Epithelial LT $\beta$ R signaling controls the population size of the progenitors of medullary thymic epithelial cells in neonatal mice. <i>Scientific Reports</i> , 2017, 7, 44481.	3.3	20
24	Promoting Immune Responses by LIGHT in the Face of Abundant Regulatory T Cell Inhibition. <i>Journal of Immunology</i> , 2010, 184, 1589-1595.	0.8	19
25	Coordinating Development of Medullary Thymic Epithelial Cells. <i>Immunity</i> , 2008, 29, 386-388.	14.3	18
26	Targeting lymphotoxin-mediated negative selection to prevent prostate cancer in mice with genetic predisposition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17134-17139.	7.1	17
27	Direct and indirect roles of the LT $\beta$ R pathway in central tolerance induction. <i>Trends in Immunology</i> , 2010, 31, 325-331.	6.8	15
28	Differential Roles of LT $\beta$ R in Endothelial Cell Subsets for Lymph Node Organogenesis and Maturation. <i>Journal of Immunology</i> , 2018, 201, 69-76.	0.8	14
29	Immunological perspectives on spatial and temporal vaccine delivery. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113966.	13.7	14
30	Medullary thymic epithelial cells, the indispensable player in central tolerance. <i>Science China Life Sciences</i> , 2013, 56, 392-398.	4.9	12
31	Type 3 Innate Lymphoid Cells Direct Goblet Cell Differentiation via the LT $\beta$ -LT $\beta$ R Pathway during <i>Listeria</i> Infection. <i>Journal of Immunology</i> , 2020, 205, 853-863.	0.8	12
32	Langerhans Cells Control Lymphatic Vessel Function during Inflammation via LIGHT-LT $\beta$ R Signaling. <i>Journal of Immunology</i> , 2019, 202, 2999-3007.	0.8	10
33	CD146 bound to LCK promotes T cell receptor signaling and antitumor immune responses in mice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	9
34	T cell-derived lymphotoxin limits Th1 response during HSV-1 infection. <i>Scientific Reports</i> , 2018, 8, 17727.	3.3	7
35	RelB intrinsically regulates the development and function of medullary thymic epithelial cells. <i>Science China Life Sciences</i> , 2018, 61, 1039-1048.	4.9	7
36	T Cell-Derived Lymphotoxin Is Essential for the Anti-Herpes Simplex Virus 1 Humoral Immune Response. <i>Journal of Virology</i> , 2018, 92, .	3.4	7

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37	TRAF3IP3 at the trans-Golgi network regulates NKT2 maturation via the MEK/ERK signaling pathway. Cellular and Molecular Immunology, 2020, 17, 395-406.	10.5	6
38	RelB regulates the homeostatic proliferation but not the function of Tregs. BMC Immunology, 2020, 21, 37.	2.2	6
39	Proinflammatory IL-17 induces iBALT development. Cellular and Molecular Immunology, 2012, 9, 101-102.	10.5	5
40	iNKT subsets differ in their developmental and functional requirements on Foxo1. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	4
41	Herpes virus entry mediator licenses Listeria infection induced immunopathology through control of type I interferon. Scientific Reports, 2015, 5, 12954.	3.3	3
42	Endothelial SIRP1± signaling controls VE-cadherin endocytosis for thymic homing of progenitor cells. ELife, 2022, 11, .	6.0	3
43	Deflating the Lymph Node. Immunity, 2011, 34, 8-10.	14.3	2
44	Thymic Egress Is Regulated by T Cell-Derived LT12R Signal and via Distinct Thymic Portal Endothelial Cells. Frontiers in Immunology, 2021, 12, 707404.	4.8	2
45	LIGHT of pulmonary NKT cells annihilates tissue protective alveolar macrophages in augmenting severe influenza pneumonia. Science Bulletin, 2021, 66, 2124-2134.	9.0	2
46	Exploration of a Sequential Gp140-Gp145 Immunization Regimen with Heterologous Envs to Induce a Protective Cross-Reactive HIV Neutralizing Antibody Response In Non-human Primates. Virologica Sinica, 2021, 36, 784-795.	3.0	1