

# Ming Zhou

## List of Publications by Year in descending order

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69  
papers

1,296  
citations

331642

21  
h-index

434170

31  
g-index

71  
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71  
docs citations

71  
times ranked

1556  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of Blood-Brain Barrier Permeability and Reduction of Tight Junction Protein Expression Are Modulated by Chemokines/Cytokines Induced by Rabies Virus Infection. <i>Journal of Virology</i> , 2014, 88, 4698-4710.	3.4	134
2	The terminal phycobilisome emitter, L <sub>CM</sub> : A light-harvesting pigment with a phytochrome chromophore. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15880-15885.	7.1	69
3	A Novel Rabies Vaccine Based on a Recombinant Parainfluenza Virus 5 Expressing Rabies Virus Glycoprotein. <i>Journal of Virology</i> , 2013, 87, 2986-2993.	3.4	51
4	Critical Role of K1685 and K1829 in the Large Protein of Rabies Virus in Viral Pathogenicity and Immune Evasion. <i>Journal of Virology</i> , 2016, 90, 232-244.	3.4	46
5	Recombinant Rabies Viruses Expressing GM-CSF or Flagellin Are Effective Vaccines for Both Intramuscular and Oral Immunizations. <i>PLoS ONE</i> , 2013, 8, e63384.	2.5	40
6	Lab-Attenuated Rabies Virus Causes Abortive Infection and Induces Cytokine Expression in Astrocytes by Activating Mitochondrial Antiviral-Signaling Protein Signaling Pathway. <i>Frontiers in Immunology</i> , 2017, 8, 2011.	4.8	40
7	Shifted T Helper Cell Polarization in a Murine <i>Staphylococcus aureus</i> Mastitis Model. <i>PLoS ONE</i> , 2015, 10, e0134797.	2.5	38
8	A novel antiviral lncRNA, EDAL, shields a T309 O-GlcNAcylation site to promote EZH2 lysosomal degradation. <i>Genome Biology</i> , 2020, 21, 228.	8.8	38
9	Structures and enzymatic mechanisms of phycobiliprotein lyases CpcE/F and PecE/F. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13170-13175.	7.1	37
10	Structure and Mechanism of the Phycobiliprotein Lyase CpcT. <i>Journal of Biological Chemistry</i> , 2014, 289, 26677-26689.	3.4	33
11	Small monomeric and highly stable near-infrared fluorescent markers derived from the thermophilic phycobiliprotein, ApcF2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1877-1886.	4.1	31
12	Recombinant rabies virus expressing dog GM-CSF is an efficacious oral rabies vaccine for dogs. <i>Oncotarget</i> , 2015, 6, 38504-38516.	1.8	31
13	Rabies virus phosphoprotein interacts with ribosomal protein L9 and affects rabies virus replication. <i>Virology</i> , 2016, 488, 216-224.	2.4	30
14	Overexpression of Interleukin-7 Extends the Humoral Immune Response Induced by Rabies Vaccination. <i>Journal of Virology</i> , 2017, 91, .	3.4	30
15	Monophosphoryl-Lipid A (MPLA) is an Efficacious Adjuvant for Inactivated Rabies Vaccines. <i>Viruses</i> , 2019, 11, 1118.	3.3	29
16	λ-Carrageenan P32 Is a Potent Inhibitor of Rabies Virus Infection. <i>PLoS ONE</i> , 2015, 10, e0140586.	2.5	28
17	A Novel Rabies Vaccine Expressing CXCL13 Enhances Humoral Immunity by Recruiting both T Follicular Helper and Germinal Center B Cells. <i>Journal of Virology</i> , 2017, 91, .	3.4	28
18	Presence of Virus Neutralizing Antibodies in Cerebral Spinal Fluid Correlates with Non-Lethal Rabies in Dogs. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2375.	3.0	27

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19	Aptamer and RVG functionalized gold nanorods for targeted photothermal therapy of neurotropic virus infection in the mouse brain. <i>Chemical Engineering Journal</i> , 2021, 411, 128557.	12.7	27
20	Enhancement of blood-brain barrier permeability is required for intravenously administered virus neutralizing antibodies to clear an established rabies virus infection from the brain and prevent the development of rabies in mice. <i>Antiviral Research</i> , 2014, 110, 132-141.	4.1	25
21	Toll-Like Receptor 7 Enhances Rabies Virus-Induced Humoral Immunity by Facilitating the Formation of Germinal Centers. <i>Frontiers in Immunology</i> , 2019, 10, 429.	4.8	24
22	Far-red light photoacclimation: Chromophorylation of FR induced $\alpha$ - and $\beta$ -subunits of allophycocyanin from <i>Chroococcidiopsis thermalis</i> sp. PCC7203. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1607-1616.	1.0	22
23	Cholesterol 25-hydroxylase suppresses rabies virus infection by inhibiting viral entry. <i>Archives of Virology</i> , 2019, 164, 2963-2974.	2.1	22
24	The ectodomain of rabies virus glycoprotein determines dendritic cell activation. <i>Antiviral Research</i> , 2017, 141, 1-6.	4.1	20
25	Composition of the murine gut microbiome impacts humoral immunity induced by rabies vaccines. <i>Clinical and Translational Medicine</i> , 2020, 10, e161.	4.0	20
26	Interferon- $\gamma$ Attenuates Rabies Virus Infection by Inducing Interferon-Stimulated Genes and Alleviating Neurological Inflammation. <i>Viruses</i> , 2020, 12, 405.	3.3	18
27	Catalytic Mechanism of S-type Phycobiliprotein Lyase. <i>Journal of Biological Chemistry</i> , 2009, 284, 36405-36414.	3.4	15
28	DHA Sensor GPR120 in Host Defense Exhibits the Dual Characteristics of Regulating Dendritic Cell Function and Skewing the Balance of Th17/Tregs. <i>International Journal of Biological Sciences</i> , 2020, 16, 374-387.	6.4	15
29	Redox-dependent Ligand Switching in a Sensory Heme-binding GAF Domain of the Cyanobacterium <i>Nostoc</i> sp. PCC7120. <i>Journal of Biological Chemistry</i> , 2015, 290, 19067-19080.	3.4	14
30	A Recombinant Rabies Virus Expressing Fms-like Tyrosine Kinase 3 Ligand (Flt3L) Induces Enhanced Immunogenicity in Mice. <i>Virologica Sinica</i> , 2019, 34, 662-672.	3.0	14
31	Interferon-Inducible GTPase 1 Impedes the Dimerization of Rabies Virus Phosphoprotein and Restricts Viral Replication. <i>Journal of Virology</i> , 2020, 94, .	3.4	14
32	Recombinant rabies virus expressing IL-21 enhances immunogenicity through activation of T follicular helper cells and germinal centre B cells. <i>Journal of General Virology</i> , 2016, 97, 3154-3160.	2.9	14
33	A recombinant canine distemper virus expressing interleukin-7 enhances humoral immunity. <i>Journal of General Virology</i> , 2019, 100, 602-615.	2.9	14
34	Colloidal Manganese Salt Improves the Efficacy of Rabies Vaccines in Mice, Cats, and Dogs. <i>Journal of Virology</i> , 2021, 95, e0141421.	3.4	13
35	Recombinant rabies virus expressing IL-15 enhances immunogenicity through promoting the activation of dendritic cells in mice. <i>Virologica Sinica</i> , 2017, 32, 317-327.	3.0	12
36	Murine Ifit3 restricts the replication of Rabies virus both in vitro and in vivo. <i>Journal of General Virology</i> , 2021, 102, .	2.9	12

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37	Development of A Super-Sensitive Diagnostic Method for African Swine Fever Using CRISPR Techniques. <i>Virologica Sinica</i> , 2021, 36, 220-230.	3.0	12
38	An optimized HMGB1 expressed by recombinant rabies virus enhances immunogenicity through activation of dendritic cells in mice. <i>Oncotarget</i> , 2017, 8, 83539-83554.	1.8	12
39	Recombinant rabies virus with the glycoprotein fused with a DC-binding peptide is an efficacious rabies vaccine. <i>Oncotarget</i> , 2018, 9, 831-841.	1.8	12
40	Exhaustive Exercise Does Not Affect Humoral Immunity and Protection after Rabies Vaccination in a Mouse Model. <i>Virologica Sinica</i> , 2018, 33, 241-248.	3.0	11
41	Photocatalytic inhibition of cyanobacterial growth using silver-doped TiO <sub>2</sub> under UV-C light. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2009, 24, 402-408.	1.0	10
42	The Red-Green Switching GAF3 of Cyanobacteriochrome Slr1393 from <i>Synechocystis</i> sp. PCC6803 Regulates the Activity of an Adenylyl Cyclase. <i>ChemBioChem</i> , 2018, 19, 1887-1895.	2.6	10
43	The role of lyases, NblA and NblB proteins and bilin chromophore transfer in restructuring the cyanobacterial light-harvesting complex. <i>Plant Journal</i> , 2020, 102, 529-540.	5.7	10
44	Dual Role of Toll-Like Receptor 7 in the Pathogenesis of Rabies Virus in a Mouse Model. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
45	Early diagnosis of rabies virus infection by RPA-CRISPR techniques in a rat model. <i>Archives of Virology</i> , 2021, 166, 1083-1092.	2.1	10
46	Codon optimization of G protein enhances rabies virus-induced humoral immunity. <i>Journal of General Virology</i> , 2019, 100, 1222-1233.	2.9	10
47	A novel oral rabies vaccine enhances the immunogenicity through increasing dendritic cells activation and germinal center formation by expressing U-OMP19 in a mouse model. <i>Emerging Microbes and Infections</i> , 2021, 10, 913-928.	6.5	9
48	Complete Genome Sequence of a Street Rabies Virus Isolated from a Dog in Nigeria. <i>Genome Announcements</i> , 2013, 1, .	0.8	8
49	Chromophorylation (in <i>Escherichia coli</i> ) of allophycocyanin B subunits from far-red light acclimated <i>Chroococcidiopsis thermalis</i> sp. PCC7203. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1153-1161.	2.9	8
50	Comparison of lncRNA and mRNA expression in mouse brains infected by a wild-type and a lab-attenuated Rabies lyssavirus. <i>Journal of General Virology</i> , 2021, 102, .	2.9	8
51	The phycobilisome core-membrane linkers from <i>Synechocystis</i> sp. PCC 6803 and red algae assemble in the same topology. <i>Plant Journal</i> , 2021, 107, 1420-1431.	5.7	8
52	Virus-Like Vesicles Based on Semliki Forest Virus-Containing Rabies Virus Glycoprotein Make a Safe and Efficacious Rabies Vaccine Candidate in a Mouse Model. <i>Journal of Virology</i> , 2021, 95, e0079021.	3.4	8
53	A Simple Preparation Method for Phytochromobilin. <i>Photochemistry and Photobiology</i> , 2017, 93, 675-680.	2.5	7
54	Toll-Like Receptor 4 Regulates Rabies Virus-Induced Humoral Immunity through Recruitment of Conventional Type 2 Dendritic Cells to Lymph Organs. <i>Journal of Virology</i> , 2021, 95, e0082921.	3.4	7

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55	Comparison of the immunogenicity of two inactivated recombinant rabies viruses overexpressing the glycoprotein. <i>Archives of Virology</i> , 2016, 161, 2863-2870.	2.1	6
56	Crystal structure of the mouse hepatitis virus ns2 phosphodiesterase domain that antagonizes RNase L activation. <i>Journal of General Virology</i> , 2016, 97, 880-886.	2.9	6
57	A spatial and cellular distribution of rabies virus infection in the mouse brain revealed by fMOST and single-cell RNA sequencing. <i>Clinical and Translational Medicine</i> , 2022, 12, e700.	4.0	6
58	A novel periplasmic protein (Slr0280) tunes photomixotrophic growth of the cyanobacterium, <i>Synechocystis</i> sp. PCC 6803. <i>Gene</i> , 2016, 575, 313-320.	2.2	5
59	Energy transfer between fusion biliproteins co-expressed with phycobiliprotein in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2016, 126, 84-88.	1.3	4
60	Chromophorylation of cyanobacteriochrome Slr1393 from <i>Synechocystis</i> sp. PCC 6803 is regulated by protein Slr2111 through allosteric interaction. <i>Journal of Biological Chemistry</i> , 2018, 293, 17705-17715.	3.4	4
61	G protein-coupled receptor 17 restricts rabies virus replication via BAK-mediated apoptosis. <i>Veterinary Microbiology</i> , 2022, 265, 109326.	1.9	4
62	Comprehensive Analysis of Protein Acetylation and Glucose Metabolism in Mouse Brains Infected with Rabies Virus. <i>Journal of Virology</i> , 2022, 96, JVI0194221.	3.4	4
63	The role of interferon regulatory factor 7 in the pathogenicity and immunogenicity of rabies virus in a mouse model. <i>Journal of General Virology</i> , 2021, 102, .	2.9	3
64	Different rabies outbreaks on two beef cattle farms in the same province of China: Diagnosis, virus characterization and epidemiological analysis. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1216-1228.	3.0	2
65	The Pathogenic Features of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Possible Mechanisms for Immune Evasion?. <i>Frontiers in Immunology</i> , 2021, 12, 693579.	4.8	2
66	Preexposure and Postexposure Prophylaxis of Rabies With Adeno-Associated Virus Expressing Virus-Neutralizing Antibody in Rodent Models. <i>Frontiers in Microbiology</i> , 2021, 12, 702273.	3.5	2
67	Enhanced Expression of an Iron-Sulfur Protein Slr0351 of <i>Synechocystis</i> sp. PCC 6803 in <i>E. coli</i> by Truncating the Transmembrane Region. <i>Russian Journal of Bioorganic Chemistry</i> , 2018, 44, 188-192.	1.0	1
68	lncRNA EDAL restricts rabies lyssavirus replication in a cell-specific and infection route-dependent manner. <i>Journal of General Virology</i> , 2022, 103, .	2.9	1
69	Promoter activities of genes <i>cpcT2</i> and <i>cpcS2</i> in <i>Nostoc</i> PCC 7120. <i>Wuhan University Journal of Natural Sciences</i> , 2012, 17, 169-176.	0.4	0