

# Ming Zhou

## List of Publications by Year in descending order

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69  
papers

1,296  
citations

331670  
21  
h-index

434195  
31  
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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	Î»-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 $\beta$ - 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