

# Ling Zhao

## List of Publications by Citations

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98  
papers

1,743  
citations

24  
h-index

38  
g-index

104  
ext. papers

2,452  
ext. citations

6.6  
avg, IF

4.57  
L-index

#	Paper	IF	Citations
98	Antagonism of the interferon-induced OAS-RNase L pathway by murine coronavirus ns2 protein is required for virus replication and liver pathology. <i>Cell Host and Microbe</i> , <b>2012</b> , 11, 607-16	23.4	198
97	Homologous 2'5'Sphosphodiesterases from disparate RNA viruses antagonize antiviral innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 13114-9	11.5	96
96	Role of chemokines in the enhancement of BBB permeability and inflammatory infiltration after rabies virus infection. <i>Virus Research</i> , <b>2009</b> , 144, 18-26	6.4	68
95	The roles of chemokines in rabies virus infection: overexpression may not always be beneficial. <i>Journal of Virology</i> , <b>2009</b> , 83, 11808-18	6.6	66
94	Expression of MIP-1alpha (CCL3) by a recombinant rabies virus enhances its immunogenicity by inducing innate immunity and recruiting dendritic cells and B cells. <i>Journal of Virology</i> , <b>2010</b> , 84, 9642-8	6.6	57
93	Cell-type-specific type I interferon antagonism influences organ tropism of murine coronavirus. <i>Journal of Virology</i> , <b>2011</b> , 85, 10058-68	6.6	54
92	Saturated long-chain fatty acid-producing bacteria contribute to enhanced colonic motility in rats. <i>Microbiome</i> , <b>2018</b> , 6, 107	16.6	46
91	Cell-type-specific activation of the oligoadenylate synthetase-RNase L pathway by a murine coronavirus. <i>Journal of Virology</i> , <b>2013</b> , 87, 8408-18	6.6	46
90	A Clostridia-rich microbiota enhances bile acid excretion in diarrhea-predominant irritable bowel syndrome. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 438-450	15.9	43
89	Insulinoma-associated protein 1 is a novel sensitive and specific marker for small cell carcinoma of the prostate. <i>Human Pathology</i> , <b>2018</b> , 79, 151-159	3.7	40
88	A dysregulated bile acid-gut microbiota axis contributes to obesity susceptibility. <i>EBioMedicine</i> , <b>2020</b> , 55, 102766	8.8	39
87	The nucleocapsid proteins of mouse hepatitis virus and severe acute respiratory syndrome coronavirus share the same IFN- $\lambda$ antagonizing mechanism: attenuation of PACT-mediated RIG-I/MDA5 activation. <i>Oncotarget</i> , <b>2017</b> , 8, 49655-49670	3.3	39
86	Critical Role of K1685 and K1829 in the Large Protein of Rabies Virus in Viral Pathogenicity and Immune Evasion. <i>Journal of Virology</i> , <b>2016</b> , 90, 232-44	6.6	32
85	Spexin Enhances Bowel Movement through Activating L-type Voltage-dependent Calcium Channel via Galanin Receptor 2 in Mice. <i>Scientific Reports</i> , <b>2015</b> , 5, 12095	4.9	30
84	Mechanism underlying activity-dependent insertion of TrkB into the neuronal surface. <i>Journal of Cell Science</i> , <b>2009</b> , 122, 3123-36	5.3	30
83	Leaves Tea Improves Dyslipidemia in Diabetic Mice: A Lipidomics-Based Network Pharmacology Study. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 973	5.6	28
82	Uncovering the Mechanisms of Chinese Herbal Medicine (MaZiRenWan) for Functional Constipation by Focused Network Pharmacology Approach. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 270	5.6	27

81	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> , <b>2017</b> , 8, 2011	8.4	27
80	Targeting histone methylation for colorectal cancer. <i>Therapeutic Advances in Gastroenterology</i> , <b>2017</b> , 10, 114-131	4.7	27
79	Magnolol, a Natural Polyphenol, Attenuates Dextran Sulfate Sodium-Induced Colitis in Mice. <i>Molecules</i> , <b>2017</b> , 22,	4.8	27
78	Structural basis for the dimerization and substrate recognition specificity of porcine epidemic diarrhea virus 3C-like protease. <i>Virology</i> , <b>2016</b> , 494, 225-35	3.6	27
77	Circulating Spexin Levels Negatively Correlate With Age, BMI, Fasting Glucose, and Triglycerides in Healthy Adult Women. <i>Journal of the Endocrine Society</i> , <b>2018</b> , 2, 409-419	0.4	25
76	EV71 infection induces neurodegeneration via activating TLR7 signaling and IL-6 production. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1008142	7.6	24
75	TLR7 Deficiency Leads to TLR8 Compensative Regulation of Immune Response against JEV in Mice. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 160	8.4	23
74	MOST: most-similar ligand based approach to target prediction. <i>BMC Bioinformatics</i> , <b>2017</b> , 18, 165	3.6	22
73	Early life stress disrupts intestinal homeostasis via NGF-TrkA signaling. <i>Nature Communications</i> , <b>2019</b> , 10, 1745	17.4	21
72	Simultaneous determination of ten compounds in rat plasma by UPLC-MS/MS: Application in the pharmacokinetic study of Ma-Zi-Ren-Wan. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 1000, 136-46	3.2	21
71	Chinese herbal medicine for constipation: zheng-based associations among herbs, formulae, proprietary medicines, and herb-drug interactions. <i>Chinese Medicine</i> , <b>2016</b> , 11, 28	4.7	21
70	Rabies virus phosphoprotein interacts with ribosomal protein L9 and affects rabies virus replication. <i>Virology</i> , <b>2016</b> , 488, 216-24	3.6	21
69	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> , <b>2017</b> , 91,	6.6	21
68	ECarrageenan P32 Is a Potent Inhibitor of Rabies Virus Infection. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140586	3.7	21
67	Recombinant rabies virus expressing dog GM-CSF is an efficacious oral rabies vaccine for dogs. <i>Oncotarget</i> , <b>2015</b> , 6, 38504-16	3.3	21
66	Efficacy of MaZiRenWan, a Chinese Herbal Medicine, in Patients With Functional Constipation in a Randomized Controlled Trial. <i>Clinical Gastroenterology and Hepatology</i> , <b>2019</b> , 17, 1303-1310.e18	6.9	21
65	Overexpression of Interleukin-7 Extends the Humoral Immune Response Induced by Rabies Vaccination. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	18
64	Spexin Acts as Novel Regulator for Bile Acid Synthesis. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 378	4.6	18

63	A novel antiviral lncRNA, EDAL, shields a T309 O-GlcNAcylation site to promote EZH2 lysosomal degradation. <i>Genome Biology</i> , <b>2020</b> , 21, 228	18.3	16
62	Azoxystrobin Induces Apoptosis of Human Esophageal Squamous Cell Carcinoma KYSE-150 Cells through Triggering of the Mitochondrial Pathway. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 277	5.6	14
61	The ectodomain of rabies virus glycoprotein determines dendritic cell activation. <i>Antiviral Research</i> , <b>2017</b> , 141, 1-6	10.8	13
60	Syntaxin 8 modulates the post-synthetic trafficking of the TrkA receptor and inflammatory pain transmission. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 19556-69	5.4	13
59	Aptamer and RVG functionalized gold nanorods for targeted photothermal therapy of neurotropic virus infection in the mouse brain. <i>Chemical Engineering Journal</i> , <b>2021</b> , 411, 128557	14.7	12
58	Pomegranate-Inspired Silica Nanotags Enable Sensitive Dual-Modal Detection of Rabies Virus Nucleoprotein. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 8802-8809	7.8	11
57	Approaches in studying the pharmacology of Chinese Medicine formulas: bottom-up, top-down-and meeting in the middle. <i>Chinese Medicine</i> , <b>2018</b> , 13, 15	4.7	11
56	Comparison of complete genome sequences of dog rabies viruses isolated from China and Mexico reveals key amino acid changes that may be associated with virus replication and virulence. <i>Archives of Virology</i> , <b>2014</b> , 159, 1593-601	2.6	11
55	A recombinant canine distemper virus expressing interleukin-7 enhances humoral immunity. <i>Journal of General Virology</i> , <b>2019</b> , 100, 602-615	4.9	11
54	Dual-mode amplified detection of rabies virus oligonucleotide via Y-shaped DNA assembly. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 304, 127267	8.5	11
53	Cholesterol 25-hydroxylase suppresses rabies virus infection by inhibiting viral entry. <i>Archives of Virology</i> , <b>2019</b> , 164, 2963-2974	2.6	10
52	Toll-Like Receptor 7 Enhances Rabies Virus-Induced Humoral Immunity by Facilitating the Formation of Germinal Centers. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 429	8.4	9
51	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> , <b>2016</b> , 97, 3154-3160	4.9	8
50	Halofuginone reduces the inflammatory responses of DSS-induced colitis through metabolic reprogramming. <i>Molecular BioSystems</i> , <b>2016</b> , 12, 2296-303		8
49	Monophosphoryl-Lipid A (MPLA) is an Efficacious Adjuvant for Inactivated Rabies Vaccines. <i>Viruses</i> , <b>2019</b> , 11,	6.2	8
48	Development of A Super-Sensitive Diagnostic Method for African Swine Fever Using CRISPR Techniques. <i>Virologica Sinica</i> , <b>2021</b> , 36, 220-230	6.4	8
47	Chinese Herbal Medicine (MaZiRenWan) Improves Bowel Movement in Functional Constipation Through Down-Regulating Oleamide. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1570	5.6	7
46	Simultaneous UPLC-TQ-MS/MS determination of six active components in rat plasma: application in the pharmacokinetic study of leaves. <i>Chinese Medicine</i> , <b>2019</b> , 14, 28	4.7	7

45	A Recombinant Rabies Virus Expressing Fms-like Tyrosine Kinase 3 Ligand (Flt3L) Induces Enhanced Immunogenicity in Mice. <i>Virologica Sinica</i> , <b>2019</b> , 34, 662-672	6.4	7
44	Recombinant rabies virus with the glycoprotein fused with a DC-binding peptide is an efficacious rabies vaccine. <i>Oncotarget</i> , <b>2018</b> , 9, 831-841	3.3	7
43	Interferon- $\alpha$ Attenuates Rabies Virus Infection by Inducing Interferon-Stimulated Genes and Alleviating Neurological Inflammation. <i>Viruses</i> , <b>2020</b> , 12,	6.2	7
42	Mechanisms for PACAP-induced prolactin gene expression in grass carp pituitary cells. <i>Journal of Endocrinology</i> , <b>2017</b> , 233, 37-51	4.7	6
41	Stomatin-like Protein 2 Promotes Tumor Cell Survival by Activating the JAK2-STAT3-PIM1 Pathway, Suggesting a Novel Therapy in CRC. <i>Molecular Therapy - Oncolytics</i> , <b>2020</b> , 17, 169-179	6.4	6
40	Composition of the murine gut microbiome impacts humoral immunity induced by rabies vaccines. <i>Clinical and Translational Medicine</i> , <b>2020</b> , 10, e161	5.7	6
39	Recombinant rabies virus expressing IL-15 enhances immunogenicity through promoting the activation of dendritic cells in mice. <i>Virologica Sinica</i> , <b>2017</b> , 32, 317-327	6.4	5
38	Down-regulation of Sonic hedgehog signaling pathway activity is involved in 5-fluorouracil-induced apoptosis and motility inhibition in Hep3B cells. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2008</b> , 40, 819-829	2.8	5
37	An optimized HMGB1 expressed by recombinant rabies virus enhances immunogenicity through activation of dendritic cells in mice. <i>Oncotarget</i> , <b>2017</b> , 8, 83539-83554	3.3	5
36	Berberine Suppresses Colonic Inflammation in Dextran Sulfate Sodium-Induced Murine Colitis Through Inhibition of Cytosolic Phospholipase A2 Activity. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 576496	5.6	5
35	Isolation and evolutionary analyses of porcine epidemic diarrhea virus in Asia. <i>PeerJ</i> , <b>2020</b> , 8, e10114	3.1	5
34	PABPC4 Broadly Inhibits Coronavirus Replication by Degrading Nucleocapsid Protein through Selective Autophagy. <i>Microbiology Spectrum</i> , <b>2021</b> , 9, e0090821	8.9	5
33	Codon optimization of G protein enhances rabies virus-induced humoral immunity. <i>Journal of General Virology</i> , <b>2019</b> , 100, 1222-1233	4.9	5
32	A novel rabies vaccine based on infectious propagating particles derived from hybrid VEEV-Rabies replicon. <i>EBioMedicine</i> , <b>2020</b> , 56, 102819	8.8	5
31	Recombinant Rabies Virus Overexpressing OX40-Ligand Enhances Humoral Immune Responses by Increasing T Follicular Helper Cells and Germinal Center B Cells. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	4
30	Dual Role of Toll-Like Receptor 7 in the Pathogenesis of Rabies Virus in a Mouse Model. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	4
29	Altered metabolome and microbiome features provide clues in understanding irritable bowel syndrome and depression comorbidity. <i>ISME Journal</i> , <b>2021</b> ,	11.9	4
28	Crystal structure of the mouse hepatitis virus ns2 phosphodiesterase domain that antagonizes RNase L activation. <i>Journal of General Virology</i> , <b>2016</b> , 97, 880-886	4.9	4

27	Comparison of the immunogenicity of two inactivated recombinant rabies viruses overexpressing the glycoprotein. <i>Archives of Virology</i> , <b>2016</b> , 161, 2863-70	2.6	3
26	Binding induced isothermal amplification reaction to activate CRISPR/Cas12a for amplified electrochemiluminescence detection of rabies viral RNA via DNA nanotweezer structure switching.. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 204, 114078	11.8	3
25	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> , <b>2021</b> , 95, e0082921	6.6	3
24	Early diagnosis of rabies virus infection by RPA-CRISPR techniques in a rat model. <i>Archives of Virology</i> , <b>2021</b> , 166, 1083-1092	2.6	3
23	Exhaustive Exercise Does Not Affect Humoral Immunity and Protection after Rabies Vaccination in a Mouse Model. <i>Virologica Sinica</i> , <b>2018</b> , 33, 241-248	6.4	2
22	Managing Chronic Diarrhea From a Gut Microbiota-Bile Acid Perspective. <i>Clinical and Translational Gastroenterology</i> , <b>2020</b> , 11, e00208	4.2	2
21	Interferon-Inducible GTPase 1 Impedes the Dimerization of Rabies Virus Phosphoprotein and Restricts Viral Replication. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	2
20	P38 mitogen-activated protein kinase promotes Wnt/ $\beta$ -catenin signaling by impeding Dickkopf-1 expression during <i>Haemophilus parasuis</i> infection. <i>Cytokine</i> , <b>2020</b> , 136, 155287	4	2
19	Is Contrast-Enhanced Ultrasound Superior to Computed Tomography for Differential Diagnosis of Gallbladder Polyps? A Cross-Sectional Study. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 657223	5.3	2
18	Murine Ifit3 restricts the replication of Rabies virus both and. <i>Journal of General Virology</i> , <b>2021</b> , 102,	4.9	2
17	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> , <b>2021</b> , 10, 913-928	18.9	2
16	Colloidal Manganese Salt Improves the Efficacy of Rabies Vaccines in Mice, Cats, and Dogs. <i>Journal of Virology</i> , <b>2021</b> , 95, e0141421	6.6	2
15	The role of altered brain structural connectivity in resilience, vulnerability, and disease expression to schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2020</b> , 101, 109917	5.5	1
14	Lipid droplets are beneficial for rabies virus replication by facilitating viral budding. <i>Journal of Virology</i> , <b>2021</b> , JVI0147321	6.6	1
13	A novel antiviral lncRNA EDAL shields a T309 O-GlcNAcylation site to promote EZH2 degradation		1
12	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> , <b>2021</b> , 102,	4.9	1
11	Preexposure and Postexposure Prophylaxis of Rabies With Adeno-Associated Virus Expressing Virus-Neutralizing Antibody in Rodent Models. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 702273	5.7	1
10	Overexpression of Interleukin-33 in Recombinant Rabies Virus Enhances Innate and Humoral Immune Responses through Activation of Dendritic Cell-Germinal Center Reactions.. <i>Vaccines</i> , <b>2021</b> , 10,	5.3	1

9	Meningeal lymphatic vessels mediate neurotropic viral drainage from the central nervous system.. <i>Nature Neuroscience</i> , <b>2022</b> , 25, 577-587	25.5	1
8	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> , <b>2022</b> , 12, e700	5.7	0
7	G protein-coupled receptor 17 restricts rabies virus replication via BAK-mediated apoptosis.. <i>Veterinary Microbiology</i> , <b>2021</b> , 265, 109326	3.3	0
6	The Pathogenic Features of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Possible Mechanisms for Immune Evasion?. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 693579	8.4	0
5	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> , <b>2021</b> , 95, e0079021	6.6	0
4	CircCYP24A1 hampered malignant phenotype of renal cancer carcinoma through modulating CMTM-4 expression via sponging miR-421.. <i>Cell Death and Disease</i> , <b>2022</b> , 13, 190	9.8	0
3	Comprehensive analysis of protein acetylation and glucose metabolism in mouse brains infected with rabies virus. <i>Journal of Virology</i> , <b>2021</b> , JVI0194221	6.6	0
2	Effective cross-protection of a lyophilized live gE/gI/TK-deleted pseudorabies virus (PRV) vaccine against classical and variant PRV challenges.. <i>Veterinary Microbiology</i> , <b>2022</b> , 267, 109387	3.3	0
1	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> , <b>2021</b> , 68, 1216-1228	4.2	0