

Mingyuan Liu

List of Publications by Year in descending order

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85
papers

1,739
citations

331538

21
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345118

36
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all docs

85
docs citations

85
times ranked

2243
citing authors

#	ARTICLE	IF	CITATIONS
1	Excretory-secretory product of <i>Trichinella spiralis</i> inhibits tumor cell growth by regulating the immune response and inducing apoptosis. <i>Acta Tropica</i> , 2022, 225, 106172.	0.9	7
2	β -Glucan-triggered <i>Akkermansia muciniphila</i> expansion facilitates the expulsion of intestinal helminth via TLR2 in mice. <i>Carbohydrate Polymers</i> , 2022, 275, 118719.	5.1	20
3	Helminth Therapy for Immune-Mediated Inflammatory Diseases: Current and Future Perspectives. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 475-491.	1.6	13
4	Vaccines as a Strategy to Control Trichinellosis. <i>Frontiers in Microbiology</i> , 2022, 13, 857786.	1.5	14
5	Cell transcriptomic atlas of the non-human primate <i>Macaca fascicularis</i> . <i>Nature</i> , 2022, 604, 723-731.	13.7	81
6	Comparative analysis of excretory-secretory products of muscle larvae of three isolates of <i>Trichinella pseudospiralis</i> by the iTRAQ method. <i>Veterinary Parasitology</i> , 2021, 297, 109119.	0.7	8
7	Vaccination with a DNase II recombinant protein against <i>Trichinella spiralis</i> infection in pigs. <i>Veterinary Parasitology</i> , 2021, 297, 109069.	0.7	11
8	Evaluation of a cystatin-like protein of <i>Trichinella spiralis</i> for serodiagnosis and identification of immunodominant epitopes using monoclonal antibodies. <i>Veterinary Parasitology</i> , 2021, 297, 109127.	0.7	6
9	<i>Trichinella</i> infectivity and antibody response in experimentally infected pigs. <i>Veterinary Parasitology</i> , 2021, 297, 109111.	0.7	14
10	Extracellular vesicles derived from <i>Trichinella spiralis</i> prevent colitis by inhibiting M1 macrophage polarization. <i>Acta Tropica</i> , 2021, 213, 105761.	0.9	16
11	Comparative multi-omics analyses reveal differential expression of key genes relevant for parasitism between non-encapsulated and encapsulated <i>Trichinella</i> . <i>Communications Biology</i> , 2021, 4, 134.	2.0	4
12	The Anti-Inflammatory Immune Response in Early <i>Trichinella spiralis</i> Intestinal Infection Depends on Serine Protease Inhibitor-Mediated Alternative Activation of Macrophages. <i>Journal of Immunology</i> , 2021, 206, 963-977.	0.4	13
13	Effects of <i>Trichinella spiralis</i> and its excretory/secretory products on autophagy of host muscle cells in vivo and in vitro. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009040.	1.3	5
14	Divergence at mitochondrial and ribosomal loci indicates the split between Asian and European populations of <i>Trichinella spiralis</i> occurred prior to swine domestication. <i>Infection, Genetics and Evolution</i> , 2021, 88, 104705.	1.0	5
15	Prevalence of meat-transmitted <i>Taenia</i> and <i>Trichinella</i> parasites in the Far East countries. <i>Parasitology Research</i> , 2021, 120, 4145-4151.	0.6	6
16	Disruption of Epithelial Barrier of Caco-2 Cell Monolayers by Excretory Secretory Products of <i>Trichinella spiralis</i> Might Be Related to Serine Protease. <i>Frontiers in Microbiology</i> , 2021, 12, 634185.	1.5	13
17	Time-resolved transcriptional profiling of <i>Trichinella</i> -infected murine myocytes helps to elucidate host-pathogen interactions in the muscle stage. <i>Parasites and Vectors</i> , 2021, 14, 130.	1.0	2
18	Rapid Quantum Dot Nanobead-mAb Probe-Based Immunochromatographic Assay for Antibody Monitoring of <i>Trichinella spiralis</i> Infection. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2477-2486.	3.3	7

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19	The immune protection induced by a serine protease from the <i>Trichinella spiralis</i> adult against <i>Trichinella spiralis</i> infection in pigs. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009408.	1.3	11
20	The dynamics of select cellular responses and cytokine expression profiles in mice infected with juvenile <i>Clonorchis sinensis</i> . <i>Acta Tropica</i> , 2021, 217, 105852.	0.9	8
21	Development of a rapid and sensitive immunochromatographic strip based on EuNPs-ES fluorescent probe for the detection of early <i>Trichinella spiralis</i> -specific IgG antibody in pigs. <i>Veterinary Research</i> , 2021, 52, 85.	1.1	5
22	Gene expression profile analysis and target gene discovery of <i>Mycobacterium tuberculosis</i> biofilm. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5123-5134.	1.7	3
23	Nrf2 Participates in M2 Polarization by <i>Trichinella spiralis</i> to Alleviate TNBS-Induced Colitis in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 698494.	2.2	7
24	Comparative Epigenomics Reveals Host Diversity of the <i>Trichinella</i> Epigenomes and Their Effects on Differential Parasitism. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 681839.	1.8	1
25	TREM2 Regulates High Glucose-Induced Microglial Inflammation via the NLRP3 Signaling Pathway. <i>Brain Sciences</i> , 2021, 11, 896.	1.1	23
26	Recombinant cystatin-like protein-based competition ELISA for <i>Trichinella spiralis</i> antibody test in multihost sera. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009723.	1.3	5
27	Microglia NLRP3 Inflammasomes Activation Involving Diabetic Neuroinflammation in Diabetic Mice and BV2 Cells. <i>Current Pharmaceutical Design</i> , 2021, 27, 2802-2816.	0.9	8
28	Proteomic Analysis of <i>Taenia solium</i> Cyst Fluid by Shotgun LC-MS/MS. <i>Journal of Parasitology</i> , 2021, 107, 799-809.	0.3	5
29	Rapid Detection of <i>Cysticercus cellulosae</i> by an Up-Converting Phosphor Technology-Based Lateral-Flow Assay. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 762472.	1.8	3
30	Changes to the gut microbiota in mice induced by infection with <i>Toxoplasma gondii</i> . <i>Acta Tropica</i> , 2020, 203, 105301.	0.9	18
31	Lentinan improved the efficacy of vaccine against <i>Trichinella spiralis</i> in an NLRP3 dependent manner. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008632.	1.3	13
32	Murine hepatoma treatment with mature dendritic cells stimulated by <i>Trichinella spiralis</i> excretory/secretory products. <i>Parasite</i> , 2020, 27, 47.	0.8	2
33	The immune protection induced by a serine protease from the <i>Trichinella spiralis</i> adult administered as DNA and protein vaccine. <i>Acta Tropica</i> , 2020, 211, 105622.	0.9	11
34	<i>Trichinella spiralis</i> inflammation modulator. <i>Journal of Helminthology</i> , 2020, 94, e193.	0.4	21
35	NLRP3 played a role in <i>Trichinella spiralis</i> -triggered Th2 and regulatory T cells response. <i>Veterinary Research</i> , 2020, 51, 107.	1.1	13
36	An old drug as a promising new cure for the hard-to-treat echinococcosis. <i>EBioMedicine</i> , 2020, 55, 102749.	2.7	3

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37	Effect of <i>Trichinella</i> spp. or derived antigens on chemically induced inflammatory bowel disease (IBD) in mouse models: A systematic review and meta-analysis. <i>International Immunopharmacology</i> , 2020, 85, 106646.	1.7	4
38	Nod-like receptor pyrin domain containing 3 plays a key role in the development of Th2 cell-mediated host defenses against <i>Trichinella spiralis</i> infection. <i>Veterinary Parasitology</i> , 2020, 297, 109159.	0.7	3
39	Effect of recombinant serine protease from adult stage of <i>Trichinella spiralis</i> on TNBS-induced experimental colitis in mice. <i>International Immunopharmacology</i> , 2020, 86, 106699.	1.7	18
40	<i>Taenia solium</i> insulin receptors: promising candidates for cysticercosis treatment and prevention. <i>Acta Tropica</i> , 2020, 209, 105552.	0.9	4
41	Effects of TLR agonists on immune responses in <i>Trichinella spiralis</i> infected mice. <i>Parasitology Research</i> , 2020, 119, 2505-2510.	0.6	2
42	Insulin-like growth factor-I activates NF κ B and NLRP3 inflammatory signalling via ROS in cancer cells. <i>Molecular and Cellular Probes</i> , 2020, 52, 101583.	0.9	10
43	Effect of recombinant serine protease from newborn larval stage of <i>Trichinella spiralis</i> on 2,4,6-trinitrobenzene sulfonic acid-induced experimental colitis in mice. <i>Acta Tropica</i> , 2020, 211, 105553.	0.9	3
44	Extracellular Vesicles Derived From <i>Trichinella spiralis</i> Muscle Larvae Ameliorate TNBS-Induced Colitis in Mice. <i>Frontiers in Immunology</i> , 2020, 11, 1174.	2.2	44
45	Primary characterization of the immune response in pigs infected with <i>Trichinella spiralis</i> . <i>Veterinary Research</i> , 2020, 51, 17.	1.1	28
46	Antibody-biotin-streptavidin-horseradish peroxidase (HRP) sensor for rapid and ultra-sensitive detection of fumonisins. <i>Food Chemistry</i> , 2020, 316, 126356.	4.2	30
47	Targeting IRS α 1/ mPGES α 1/ NOX2 to inhibit the inflammatory response caused by insulin-like growth factor-I induced activation of NF κ B and NLRP3 in cancer cells. <i>Veterinary and Comparative Oncology</i> , 2020, 18, 689-698.	0.8	1
48	Glutathione-S-transferase of <i>Trichinella spiralis</i> regulates maturation and function of dendritic cells. <i>Parasitology</i> , 2019, 146, 1725-1732.	0.7	15
49	Fosfomycin Protects Mice From <i>Staphylococcus aureus</i> Pneumonia Caused by α -Hemolysin in Extracellular Vesicles by Inhibiting MAPK-Regulated NLRP3 Inflammasomes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 253.	1.8	25
50	Cordycepin regulates body weight by inhibiting lipid droplet formation, promoting lipolysis and recruiting beige adipocytes. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1429-1439.	1.2	14
51	Activation of ROS/MAPK α 1/ NF κ B/NLRP3 and inhibition of efferocytosis in osteoclast-mediated diabetic osteoporosis. <i>FASEB Journal</i> , 2019, 33, 12515-12527.	0.2	206
52	Molecular Characterization of Fructose-1,6-bisphosphate Aldolase From <i>Trichinella spiralis</i> and Its Potential in Inducing Immune Protection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 122.	1.8	29
53	The TRAPs From Microglial Vesicles Protect Against <i>Listeria</i> Infection in the CNS. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 199.	1.8	18
54	Comparative proteomics analysis between biofilm and planktonic cells of <i>Mycobacterium tuberculosis</i> . <i>Electrophoresis</i> , 2019, 40, 2736-2746.	1.3	6

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55	Polyelectrolyte nanocapsule probe for the determination of imidacloprid in agricultural food samples. <i>Food and Agricultural Immunology</i> , 2019, 30, 432-445.	0.7	9
56	Dendritic cells treated by <i>Trichinella spiralis</i> muscle larval excretory/secretory products alleviate TNBS-induced colitis in mice. <i>International Immunopharmacology</i> , 2019, 70, 378-386.	1.7	27
57	Regulation of host immune cells and cytokine production induced by <i>Trichinella spiralis</i> infection. <i>Parasite</i> , 2019, 26, 74.	0.8	14
58	Acute shock caused by <i>Clonorchis sinensis</i> infection: a case report. <i>BMC Infectious Diseases</i> , 2019, 19, 1014.	1.3	3
59	Effects of CwLM on autolysis and biofilm formation in <i>Mycobacterium tuberculosis</i> and <i>Mycobacterium smegmatis</i> . <i>International Journal of Medical Microbiology</i> , 2019, 309, 73-83.	1.5	12
60	Inhibition of Drug Resistance of <i>Staphylococcus aureus</i> by Efflux Pump Inhibitor and Autolysis Inducer to Strengthen the Antibacterial Activity of β -lactam Drugs. <i>Polish Journal of Microbiology</i> , 2019, 68, 477-491.	0.6	4
61	<i>Trichinella spiralis</i> and Tumors: Cause, Coincidence or Treatment?. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 1091-1099.	0.9	18
62	Cordycepin reduces weight through regulating gut microbiota in high-fat diet-induced obese rats. <i>Lipids in Health and Disease</i> , 2018, 17, 276.	1.2	46
63	Characterization of an antigenic serine protease in the <i>Trichinella spiralis</i> adult. <i>Experimental Parasitology</i> , 2018, 195, 8-18.	0.5	12
64	Biochanin A Enhances the Defense Against <i>Salmonella enterica</i> Infection Through AMPK/ULK1/mTOR-Mediated Autophagy and Extracellular Traps and Reversing SPI-1-Dependent Macrophage (M1) M2 Polarization. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 318.	1.8	47
65	Triclosan Enhances the Clearing of Pathogenic Intracellular <i>Salmonella</i> or <i>Candida albicans</i> but Disturbs the Intestinal Microbiota through mTOR-Independent Autophagy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 49.	1.8	19
66	Cordycepin Modulates Body Weight by Reducing Prolactin Via an Adenosine A1 Receptor. <i>Current Pharmaceutical Design</i> , 2018, 24, 3240-3249.	0.9	12
67	Emergence of a plasmid-borne multidrug resistance gene <i>cfr</i> (C) in foodborne pathogen <i>Campylobacter</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 1581-1588.	1.3	80
68	Low salinity affects cellularity, DNA methylation, and mRNA expression of <i>igf1</i> in the liver of half smooth tongue sole (<i>Cynoglossus semilaevis</i>). <i>Fish Physiology and Biochemistry</i> , 2017, 43, 1587-1602.	0.9	30
69	Aflatoxin B1 Induces Reactive Oxygen Species-Mediated Autophagy and Extracellular Trap Formation in Macrophages. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 53.	1.8	46
70	Current Research of Trichinellosis in China. <i>Frontiers in Microbiology</i> , 2017, 8, 1472.	1.5	91
71	Recombinant <i>Trichinella pseudospiralis</i> Serine Protease Inhibitors Alter Macrophage Polarization In Vitro. <i>Frontiers in Microbiology</i> , 2017, 8, 1834.	1.5	20
72	Immune Cell Responses and Cytokine Profile in Intestines of Mice Infected with <i>Trichinella spiralis</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2069.	1.5	40

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73	Immunoproteomic analysis of the excretory-secretory products of <i>Trichinella pseudospiralis</i> adult worms and newborn larvae. <i>Parasites and Vectors</i> , 2017, 10, 579.	1.0	26
74	Comprehensive Proteomic Analysis of Lysine Acetylation in the Foodborne Pathogen <i>Trichinella spiralis</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2674.	1.5	14
75	Hfq mutation confers increased cephalosporin resistance in <i>Klebsiella pneumoniae</i> . <i>Archives of Biological Sciences</i> , 2017, 69, 61-69.	0.2	1
76	Fosfomycin enhances phagocyte-mediated killing of <i>Staphylococcus aureus</i> by extracellular traps and reactive oxygen species. <i>Scientific Reports</i> , 2016, 6, 19262.	1.6	41
77	Vinegar Treatment Prevents the Development of Murine Experimental Colitis via Inhibition of Inflammation and Apoptosis. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1111-1121.	2.4	38
78	Characterisation of a high-frequency gene encoding a strongly antigenic cystatin-like protein from <i>Trichinella spiralis</i> at its early invasion stage. <i>Parasites and Vectors</i> , 2015, 8, 78.	1.0	38
79	<i>Escherichia coli</i> and <i>Candida albicans</i> Induced Macrophage Extracellular Trap-Like Structures with Limited Microbicidal Activity. <i>PLoS ONE</i> , 2014, 9, e90042.	1.1	88
80	A Higher Frequency of CD4 ⁺ CXCR5 ⁺ T Follicular Helper Cells in Adult Patients with Minimal Change Disease. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	6
81	<i>Trichinella spiralis</i> , potential model nematode for epigenetics and its implication in metazoan parasitism. <i>Frontiers in Physiology</i> , 2014, 4, 410.	1.3	13
82	Characterisation of a Plancitoxin-1-Like DNase II Gene in <i>Trichinella spiralis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3097.	1.3	23
83	A misdiagnosis of clonorchiasis as gallstone, leading to an unnecessary cholecystectomy: a case report. <i>American Journal of Emergency Medicine</i> , 2014, 32, 1442.e3-1442.e5.	0.7	3
84	The plant alkaloid piperine as a potential inhibitor of ethidium bromide efflux in <i>Mycobacterium smegmatis</i> . <i>Journal of Medical Microbiology</i> , 2011, 60, 223-229.	0.7	48
85	Global transcriptional profiles of <i>Mycobacterium tuberculosis</i> treated with plumbagin. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2261-2269.	1.7	5