

Xiaolei Liu

List of Publications by Year in descending order

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papers

3,066
citations

304743

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189892

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87
times ranked

3343
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.	2.0	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.	10.2	20
3	Helminth Therapy for Immune-Mediated Inflammatory Diseases: Current and Future Perspectives. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 475-491.	3.5	13
4	Hotspots Identification and Classification of Dockless Bicycle Sharing Service under Electric Fence Circumstances. <i>Journal of Advanced Transportation</i> , 2022, 2022, 1-16.	1.7	4
5	Cell transcriptomic atlas of the non-human primate <i>Macaca fascicularis</i> . <i>Nature</i> , 2022, 604, 723-731.	27.8	81
6	Multiple biochemical indices and metabolomics of <i>Clonorchis sinensis</i> provide a novel interpretation of biomarkers. <i>Parasites and Vectors</i> , 2022, 15, 172.	2.5	3
7	Extracellular vesicles from <i>Trichinella spiralis</i> : Proteomic analysis and protective immunity. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010528.	3.0	6
8	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.	1.8	8
9	Vaccination with a DNase II recombinant protein against <i>Trichinella spiralis</i> infection in pigs. <i>Veterinary Parasitology</i> , 2021, 297, 109069.	1.8	11
10	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.	1.8	6
11	<i>Trichinella</i> infectivity and antibody response in experimentally infected pigs. <i>Veterinary Parasitology</i> , 2021, 297, 109111.	1.8	14
12	Extracellular vesicles derived from <i>Trichinella spiralis</i> prevent colitis by inhibiting M1 macrophage polarization. <i>Acta Tropica</i> , 2021, 213, 105761.	2.0	16
13	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.	4.4	4
14	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.	0.8	13
15	Evaluation of the Geochemical Characteristics and Exploitation Potential of Produced Water from Coalbed Methane Wells in Eastern Yunnan, China. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 591-598.	0.9	1
16	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.	3.0	5
17	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.	3.5	13
18	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.	2.5	2

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19	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.	6.7	7
20	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.	3.0	11
21	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.	2.0	8
22	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.	3.0	5
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.	4.8	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.	3.7	1
25	Adjuvanticity of β -Glucan for Vaccine Against <i>Trichinella spiralis</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 701708.	3.7	4
26	Regulation of DNA methylation on key parasitism genes of <i>Cysticercus cellulosae</i> revealed by integrative epigenomic-transcriptomic analyses. <i>Hereditas</i> , 2021, 158, 28.	1.4	2
27	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.	3.0	5
28	Improvement, identification, and target prediction for miRNAs in the porcine genome by using massive, public high-throughput sequencing data. <i>Journal of Animal Science</i> , 2021, 99, .	0.5	2
29	Proteomic Analysis of <i>Taenia solium</i> Cyst Fluid by Shotgun LC-MS/MS. <i>Journal of Parasitology</i> , 2021, 107, 799-809.	0.7	5
30	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.	3.9	3
31	Label-free serum detection of <i>Trichinella spiralis</i> using surface-enhanced Raman spectroscopy combined with multivariate analysis. <i>Acta Tropica</i> , 2020, 203, 105314.	2.0	7
32	Lentian improved the efficacy of vaccine against <i>Trichinella spiralis</i> in an NLRP3 dependent manner. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008632.	3.0	13
33	Murine hepatoma treatment with mature dendritic cells stimulated by <i>Trichinella spiralis</i> excretory/secretory products. <i>Parasite</i> , 2020, 27, 47.	2.0	2
34	<i>Trichinella spiralis</i> inflammation modulator. <i>Journal of Helminthology</i> , 2020, 94, e193.	1.0	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.	3.0	13
36	A gene prioritization method based on a swine multi-omics knowledgebase and a deep learning model. <i>Communications Biology</i> , 2020, 3, 502.	4.4	36

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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.	3.8	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.	1.8	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.	3.8	18
40	Effects of TLR agonists on immune responses in <i>Trichinella spiralis</i> infected mice. <i>Parasitology Research</i> , 2020, 119, 2505-2510.	1.6	2
41	Extracellular Vesicles Derived From <i>Trichinella spiralis</i> Muscle Larvae Ameliorate TNBS-Induced Colitis in Mice. <i>Frontiers in Immunology</i> , 2020, 11, 1174.	4.8	44
42	<i>In Situ</i> Fluorescence Imaging of the Levels of Glycosylation and Phosphorylation by a MOF-Based Nanoprobe in Depressed Mice. <i>Analytical Chemistry</i> , 2020, 92, 3716-3721.	6.5	25
43	Primary characterization of the immune response in pigs infected with <i>Trichinella spiralis</i> . <i>Veterinary Research</i> , 2020, 51, 17.	3.0	28
44	Alkaline Phosphatase-Triggered Immunoassay Based on Fluorogenic Reaction for Sensitive Detection of Acetochlor, Metolachlor, and Propisochlor. <i>Food Analytical Methods</i> , 2020, 13, 1008-1016.	2.6	7
45	Antibody-biotin-streptavidin-horseradish peroxidase (HRP) sensor for rapid and ultra-sensitive detection of fumonisins. <i>Food Chemistry</i> , 2020, 316, 126356.	8.2	30
46	RAI14 in the blood feather regulates chicken pigmentation. <i>Archives Animal Breeding</i> , 2020, 63, 231-239.	1.4	1
47	Contribution of waves and currents to sediment resuspension in the Yellow River Delta. <i>Marine Georesources and Geotechnology</i> , 2019, 37, 96-102.	2.1	9
48	Glutathione-S-transferase of <i>Trichinella spiralis</i> regulates maturation and function of dendritic cells. <i>Parasitology</i> , 2019, 146, 1725-1732.	1.5	15
49	Security Cryptanalysis of NUX for the Internet of Things. <i>Security and Communication Networks</i> , 2019, 1-12.	1.5	2
50	Analysis of key factors and prediction of gas production pressure of coalbed methane well: Combining grey relational with principal component regression analysis. <i>Energy Exploration and Exploitation</i> , 2019, 37, 1348-1363.	2.3	4
51	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.	3.9	29
52	Polyelectrolyte nanocapsule probe for the determination of imidacloprid in agricultural food samples. <i>Food and Agricultural Immunology</i> , 2019, 30, 432-445.	1.4	9
53	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.	3.8	27
54	Dynamic plant height QTL revealed in maize through remote sensing phenotyping using a high-throughput unmanned aerial vehicle (UAV). <i>Scientific Reports</i> , 2019, 9, 3458.	3.3	81

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55	Regulation of host immune cells and cytokine production induced by <i>Trichinella spiralis</i> infection. Parasite, 2019, 26, 74.	2.0	14
56	Acute shock caused by Clonorchis sinensis infection: a case report. BMC Infectious Diseases, 2019, 19, 1014.	2.9	3
57	Analysis of the tempo-spatial effects of hydraulic fracturing by drilling through underground coal mine strata on desorption characteristics. Energy Science and Engineering, 2019, 7, 170-178.	4.0	12
58	BLINK: a package for the next level of genome-wide association studies with both individuals and markers in the millions. GigaScience, 2019, 8, .	6.4	314
59	Aqueous Symmetric Supercapacitors with Carbon Nanorod Electrodes and Water-Salt Electrolyte. ChemElectroChem, 2019, 6, 439-443.	3.4	34
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. Polish Journal of Microbiology, 2019, 68, 477-491.	1.7	4
61	Properties of suspended sediment concentrations in the Yellow River delta based on observation. Marine Georesources and Geotechnology, 2018, 36, 139-149.	2.1	12
62	Characterization of an antigenic serine protease in the <i>Trichinella spiralis</i> adult. Experimental Parasitology, 2018, 195, 8-18.	1.2	12
63	An experimental investigation of wave-induced sediment responses in a natural silty seabed: New insights into seabed stratification. Sedimentology, 2017, 64, 508-529.	3.1	24
64	Decreased percentage of $\text{CD}28^+\text{NK}$ cells in patients with incident onset of Type 1 Diabetes. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 180-190.	1.9	9
65	Current Research of Trichinellosis in China. Frontiers in Microbiology, 2017, 8, 1472.	3.5	91
66	Recombinant <i>Trichinella pseudospiralis</i> Serine Protease Inhibitors Alter Macrophage Polarization In Vitro. Frontiers in Microbiology, 2017, 8, 1834.	3.5	20
67	Immune Cell Responses and Cytokine Profile in Intestines of Mice Infected with <i>Trichinella spiralis</i> . Frontiers in Microbiology, 2017, 8, 2069.	3.5	40
68	Immunoproteomic analysis of the excretory-secretory products of <i>Trichinella pseudospiralis</i> adult worms and newborn larvae. Parasites and Vectors, 2017, 10, 579.	2.5	26
69	Increased soluble ST2 and IL-4 serum levels are associated with disease severity in patients with membranous nephropathy. Molecular Medicine Reports, 2017, 17, 2778-2786.	2.4	5
70	Comprehensive Proteomic Analysis of Lysine Acetylation in the Foodborne Pathogen <i>Trichinella spiralis</i> . Frontiers in Microbiology, 2017, 8, 2674.	3.5	14
71	Serum Levels of Soluble ST2 and IL-10 Are Associated with Disease Severity in Patients with IgA Nephropathy. Journal of Immunology Research, 2016, 2016, 1-12.	2.2	20
72	Iterative Usage of Fixed and Random Effect Models for Powerful and Efficient Genome-Wide Association Studies. PLoS Genetics, 2016, 12, e1005767.	3.5	1,095

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73	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.	2.5	38
74	Effect of Baicalin-loaded PEGylated cationic solid lipid nanoparticles modified by OX26 antibody on regulating the levels of baicalin and amino acids during cerebral ischemiaâ€“reperfusion in rats. <i>International Journal of Pharmaceutics</i> , 2015, 489, 131-138.	5.2	47
75	<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.	2.5	88
76	Characterisation of a Plancitoxin-1-Like DNase II Gene in <i>Trichinella spiralis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3097.	3.0	23
77	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.	1.6	3
78	Tidal flat erosion of the Huanghe River Delta due to local changes in hydrodynamic conditions. <i>Acta Oceanologica Sinica</i> , 2014, 33, 116-124.	1.0	9
79	Identification of a novel interacting partner of the chemosensory protein 1 from <i>Plutella xylostella</i> L. <i>International Journal of Biological Macromolecules</i> , 2014, 63, 233-239.	7.5	6
80	Consolidation of sediments discharged from the Yellow River: implications for sediment erodibility. <i>Ocean Dynamics</i> , 2013, 63, 371-384.	2.2	14
81	Vaccination of Mice with an Antigenic Serine Protease-Like Protein Elicits a Protective Immune Response Against <i>Trichinella spiralis</i> Infection. <i>Journal of Parasitology</i> , 2013, 99, 426-432.	0.7	32
82	Global Gene Expression Analysis of the Zoonotic Parasite <i>Trichinella spiralis</i> Revealed Novel Genes in Host Parasite Interaction. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1794.	3.0	27
83	Inhibition of mammalian muscle differentiation by excretory secretory products of muscle larvae of <i>Trichinella spiralis</i> in vitro. <i>Parasitology Research</i> , 2012, 110, 2481-2490.	1.6	20
84	Regulation of cytokine expression in murine macrophages stimulated by excretory/secretory products from <i>Trichinella spiralis</i> in vitro. <i>Molecular and Cellular Biochemistry</i> , 2012, 360, 79-88.	3.1	71
85	SDF-1/CXCR4 axis modulates bone marrow mesenchymal stem cell apoptosis, migration and cytokine secretion. <i>Protein and Cell</i> , 2011, 2, 845-854.	11.0	200
86	Transcriptome of Small Regulatory RNAs in the Development of the Zoonotic Parasite <i>Trichinella spiralis</i> . <i>PLoS ONE</i> , 2011, 6, e26448.	2.5	19