Xiaolei Liu

List of Publications by Year
in descending order

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86	3,066	304743 22	189892 50
papers	citations	h-index	g-index

87	87	87	3343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	SDF-1/CXCR4 axis modulates bone marrow mesenchymal stem cell apoptosis, migration and cytokine secretion. Protein and Cell, 2011, 2, 845-854.	11.0	200
4	Current Research of Trichinellosis in China. Frontiers in Microbiology, 2017, 8, 1472.	3.5	91
5	Escherichia coli and Candida albicans Induced Macrophage Extracellular Trap-Like Structures with Limited Microbicidal Activity. PLoS ONE, 2014, 9, e90042.	2.5	88
6	Dynamic plant height QTL revealed in maize through remote sensing phenotyping using a high-throughput unmanned aerial vehicle (UAV). Scientific Reports, 2019, 9, 3458.	3.3	81
7	Cell transcriptomic atlas of the non-human primate Macaca fascicularis. Nature, 2022, 604, 723-731.	27.8	81
8	Regulation of cytokine expression in murine macrophages stimulated by excretory/secretory products from Trichinella spiralis in vitro. Molecular and Cellular Biochemistry, 2012, 360, 79-88.	3.1	71
9	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. International Journal of Pharmaceutics, 2015, 489, 131-138.	5.2	47
10	Extracellular Vesicles Derived From Trichinella spiralis Muscle Larvae Ameliorate TNBS-Induced Colitis in Mice. Frontiers in Immunology, 2020, 11, 1174.	4.8	44
11	Immune Cell Responses and Cytokine Profile in Intestines of Mice Infected with Trichinella spiralis. Frontiers in Microbiology, 2017, 8, 2069.	3.5	40
12	Characterisation of a high-frequency gene encoding a strongly antigenic cystatin-like protein from Trichinella spiralis at its early invasion stage. Parasites and Vectors, 2015, 8, 78.	2.5	38
13	A gene prioritization method based on a swine multi-omics knowledgebase and a deep learning model. Communications Biology, 2020, 3, 502.	4.4	36
14	Aqueous Symmetric Supercapacitors with Carbon Nanorod Electrodes and Waterâ€inâ€Salt Electrolyte. ChemElectroChem, 2019, 6, 439-443.	3.4	34
15	Vaccination of Mice with an Antigenic Serine Protease-Like Protein Elicits a Protective Immune Response AgainstTrichinella spiralisInfection. Journal of Parasitology, 2013, 99, 426-432.	0.7	32
16	Antibody-biotin-streptavidin-horseradish peroxidase (HRP) sensor for rapid and ultra-sensitive detection of fumonisins. Food Chemistry, 2020, 316, 126356.	8.2	30
17	Molecular Characterization of Fructose-1,6-bisphosphate Aldolase From Trichinella spiralis and Its Potential in Inducing Immune Protection. Frontiers in Cellular and Infection Microbiology, 2019, 9, 122.	3.9	29
18	Primary characterization of the immune response in pigs infected with Trichinella spiralis. Veterinary Research, 2020, 51, 17.	3.0	28

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19	Global Gene Expression Analysis of the Zoonotic Parasite Trichinella spiralis Revealed Novel Genes in Host Parasite Interaction. PLoS Neglected Tropical Diseases, 2012, 6, e1794.	3.0	27
20	Dendritic cells treated by Trichinella spiralis muscle larval excretory/secretory products alleviate TNBS-induced colitis in mice. International Immunopharmacology, 2019, 70, 378-386.	3.8	27
21	Immunoproteomic analysis of the excretory-secretory products of Trichinella pseudospiralis adult worms and newborn larvae. Parasites and Vectors, 2017, 10, 579.	2.5	26
22	In Situ Fluorescence Imaging of the Levels of Glycosylation and Phosphorylation by a MOF-Based Nanoprobe in Depressed Mice. Analytical Chemistry, 2020, 92, 3716-3721.	6.5	25
23	An experimental investigation of waveâ€induced sediment responses in a natural silty seabed: New insights into seabed stratification. Sedimentology, 2017, 64, 508-529.	3.1	24
24	Characterisation of a Plancitoxin-1-Like DNase II Gene in Trichinella spiralis. PLoS Neglected Tropical Diseases, 2014, 8, e3097.	3.0	23
25	Trichinella spiralis:inflammation modulator. Journal of Helminthology, 2020, 94, e193.	1.0	21
26	Inhibition of mammalian muscle differentiation by excretory secretory products of muscle larvae of Trichinella spiralis in vitro. Parasitology Research, 2012, 110, 2481-2490.	1.6	20
27	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
28	Recombinant Trichinella pseudospiralis Serine Protease Inhibitors Alter Macrophage Polarization In Vitro. Frontiers in Microbiology, 2017, 8, 1834.	3.5	20
29	Î²-Glucan-triggered Akkermansia muciniphila expansion facilitates the expulsion of intestinal helminth via TLR2 in mice. Carbohydrate Polymers, 2022, 275, 118719.	10.2	20
30	Transcriptome of Small Regulatory RNAs in the Development of the Zoonotic Parasite Trichinella spiralis. PLoS ONE, 2011, 6, e26448.	2.5	19
31	Effect of recombinant serine protease from adult stage of Trichinella spiralis on TNBS-induced experimental colitis in mice. International Immunopharmacology, 2020, 86, 106699.	3.8	18
32	Extracellular vesicles derived from Trichinella spiralis prevent colitis by inhibiting M1 macrophage polarization. Acta Tropica, 2021, 213, 105761.	2.0	16
33	Glutathione-S-transferase of Trichinella spiralis regulates maturation and function of dendritic cells. Parasitology, 2019, 146, 1725-1732.	1.5	15
34	Consolidation of sediments discharged from the Yellow River: implications for sediment erodibility. Ocean Dynamics, 2013, 63, 371-384.	2.2	14
35	Comprehensive Proteomic Analysis of Lysine Acetylation in the Foodborne Pathogen Trichinella spiralis. Frontiers in Microbiology, 2017, 8, 2674.	3.5	14
36	Regulation of host immune cells and cytokine production induced byTrichinella spiralisinfection. Parasite, 2019, 26, 74.	2.0	14

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37	Trichinella infectivity and antibody response in experimentally infected pigs. Veterinary Parasitology, 2021, 297, 109111.	1.8	14
38	Lentinan improved the efficacy of vaccine against Trichinella spiralis in an NLRP3 dependent manner. PLoS Neglected Tropical Diseases, 2020, 14, e0008632.	3.0	13
39	NLRP3 played a role in Trichinella spiralis-triggered Th2 and regulatory T cells response. Veterinary Research, 2020, 51, 107.	3.0	13
40	The Anti-Inflammatory Immune Response in Early Trichinella spiralis Intestinal Infection Depends on Serine Protease Inhibitorâ€“Mediated Alternative Activation of Macrophages. Journal of Immunology, 2021, 206, 963-977.	0.8	13
41	Disruption of Epithelial Barrier of Caco-2 Cell Monolayers by Excretory Secretory Products of Trichinella spiralis Might Be Related to Serine Protease. Frontiers in Microbiology, 2021, 12, 634185.	3.5	13
42	Helminth Therapy for Immune-Mediated Inflammatory Diseases: Current and Future Perspectives. Journal of Inflammation Research, 2022, Volume 15, 475-491.	3.5	13
43	Properties of suspended sediment concentrations in the Yellow River delta based on observation. Marine Georesources and Geotechnology, 2018, 36, 139-149.	2.1	12
44	Characterization of an antigenic serine protease in the Trichinella spiralis adult. Experimental Parasitology, 2018, 195, 8-18.	1.2	12
45	Analysis of the tempoâ€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
46	Vaccination with a DNase II recombinant protein against Trichinella spiralis infection in pigs. Veterinary Parasitology, 2021, 297, 109069.	1.8	11
47	The immune protection induced by a serine protease from the Trichinella spiralis adult against Trichinella spiralis infection in pigs. PLoS Neglected Tropical Diseases, 2021, 15, e0009408.	3.0	11
48	Tidal flat erosion of the Huanghe River Delta due to local changes in hydrodynamic conditions. Acta Oceanologica Sinica, 2014, 33, 116-124.	1.0	9
49	Decreased percentage of <scp>NKG</scp>2D+<scp>NK</scp> cells in patients withÂincident onset of Type 1 Diabetes. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 180-190.	1.9	9
50	Contribution of waves and currents to sediment resuspension in the Yellow River Delta. Marine Georesources and Geotechnology, 2019, 37, 96-102.	2.1	9
51	Polyelectrolyte nanocapsule probe for the determination of imidacloprid in agricultural food samples. Food and Agricultural Immunology, 2019, 30, 432-445.	1.4	9
52	Comparative analysis of excretoryâ€“secretory products of muscle larvae of three isolates of Trichinella pseudospiralis by the iTRAQ method. Veterinary Parasitology, 2021, 297, 109119.	1.8	8
53	The dynamics of select cellular responses and cytokine expression profiles in mice infected with juvenile Clonorchis sinensis. Acta Tropica, 2021, 217, 105852.	2.0	8
54	Label-free serum detection of Trichinella spiralis using surface-enhanced Raman spectroscopy combined with multivariate analysis. Acta Tropica, 2020, 203, 105314.	2.0	7

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55	Alkaline Phosphataseâ€“Triggered Immunoassay Based on Fluorogenic Reaction for Sensitive Detection of Acetochlor, Metolachlor, and Propisochlor. Food Analytical Methods, 2020, 13, 1008-1016.	2.6	7
56	Rapid Quantum Dot Nanobead-mAb Probe-Based Immunochromatographic Assay for Antibody Monitoring of Trichinella spiralis Infection. International Journal of Nanomedicine, 2021, Volume 16, 2477-2486.	6.7	7
57	Nrf2 Participates in M2 Polarization by Trichinella spiralis to Alleviate TNBS-Induced Colitis in Mice. Frontiers in Immunology, 2021, 12, 698494.	4.8	7
58	Excretory-secretory product of Trichinella spiralis inhibits tumor cell growth by regulating the immune response and inducing apoptosis. Acta Tropica, 2022, 225, 106172.	2.0	7
59	Identification of a novel interacting partner of the chemosensory protein 1 from Plutella xylostella L. International Journal of Biological Macromolecules, 2014, 63, 233-239.	7.5	6
60	Evaluation of a cystatin-like protein of Trichinella spiralis for serodiagnosis and identification of immunodominant epitopes using monoclonal antibodies. Veterinary Parasitology, 2021, 297, 109127.	1.8	6
61	Extracellular vesicles from Trichinella spiralis: Proteomic analysis and protective immunity. PLoS Neglected Tropical Diseases, 2022, 16, e0010528.	3.0	6
62	Increased soluble ST2 and ILâ€‘4 serum levels are associated with disease severity in patients with membranous nephropathy. Molecular Medicine Reports, 2017, 17, 2778-2786.	2.4	5
63	Effects of Trichinella spiralis and its excretory/secretory products on autophagy of host muscle cells in vivo and in vitro. PLoS Neglected Tropical Diseases, 2021, 15, e0009040.	3.0	5
64	Development of a rapid and sensitive immunochromatographic strip based on EuNPs-ES fluorescent probe for the detection of early Trichinella spiralis-specific IgG antibody in pigs. Veterinary Research, 2021, 52, 85.	3.0	5
65	Recombinant cystatin-like protein-based competition ELISA for Trichinella spiralis antibody test in multihost sera. PLoS Neglected Tropical Diseases, 2021, 15, e0009723.	3.0	5
66	Proteomic Analysis of Taenia solium Cyst Fluid by Shotgun LC-MS/MS. Journal of Parasitology, 2021, 107, 799-809.	0.7	5
67	Analysis of key factors and prediction of gas production pressure of coalbed methane well: Combining grey relational with principal component regression analysis. Energy Exploration and Exploitation, 2019, 37, 1348-1363.	2.3	4
68	Effect of Trichinella spp. or derived antigens on chemically induced inflammatory bowel disease (IBD) in mouse models: A systematic review and meta-analysis. International Immunopharmacology, 2020, 85, 106646.	3.8	4
69	Comparative multi-omics analyses reveal differential expression of key genes relevant for parasitism between non-encapsulated and encapsulated Trichinella. Communications Biology, 2021, 4, 134.	4.4	4
70	Adjuvanticity of Î² -Glucan for Vaccine Against Trichinella spiralis. Frontiers in Cell and Developmental Biology, 2021, 9, 701708.	3.7	4
71	Inhibition of Drug Resistance of Staphylococcus aureus by Efflux Pump Inhibitor and Autolysis Inducer to Strengthen the Antibacterial Activity of Î²-lactam Drugs. Polish Journal of Microbiology, 2019, 68, 477-491.	1.7	4
72	Hotspots Identification and Classification of Dockless Bicycle Sharing Service under Electric Fence Circumstances. Journal of Advanced Transportation, 2022, 2022, 1-16.	1.7	4

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73	A misdiagnosis of clonorchiasis as gallstone, leading to an unnecessary cholecystectomy: a case report. American Journal of Emergency Medicine, 2014, 32, 1442.e3-1442.e5.	1.6	3
74	Acute shock caused by Clonorchis sinensis infection: a case report. BMC Infectious Diseases, 2019, 19, 1014.	2.9	3
75	Nod-like receptor pyrin domain containing 3 plays a key role in the development of Th2 cell-mediated host defenses against Trichinella spiralis infection. Veterinary Parasitology, 2020, 297, 109159.	1.8	3
76	Rapid Detection of Cysticercus cellulosae by an Up-Converting Phosphor Technology-Based Lateral-Flow Assay. Frontiers in Cellular and Infection Microbiology, 2021, 11, 762472.	3.9	3
77	Multiple biochemical indices and metabolomics of Clonorchis sinensis provide a novel interpretation of biomarkers. Parasites and Vectors, 2022, 15, 172.	2.5	3
78	Security Cryptanalysis of NUX for the Internet of Things. Security and Communication Networks, 2019, 2019, 1-12.	1.5	2
79	Murine hepatoma treatment with mature dendritic cells stimulated by Trichinella spiralis excretory/secretory products. Parasite, 2020, 27, 47.	2.0	2
80	Effects of TLR agonists on immune responses in Trichinella spiralis infected mice. Parasitology Research, 2020, 119, 2505-2510.	1.6	2
81	Time-resolved transcriptional profiling of Trichinella-infected murine myocytes helps to elucidate hostâ€“pathogen interactions in the muscle stage. Parasites and Vectors, 2021, 14, 130.	2.5	2
82	Regulation of DNA methylation on key parasitism genes of Cysticercus cellulosae revealed by integrative epigenomic-transcriptomic analyses. Hereditas, 2021, 158, 28.	1.4	2
83	Improvement, identification, and target prediction for miRNAs in the porcine genome by using massive, public high-throughput sequencing data. Journal of Animal Science, 2021, 99, .	0.5	2
84	Evaluation of the Geochemical Characteristics and Exploitation Potential of Produced Water from Coalbed Methane Wells in Eastern Yunnan, China. Journal of Nanoscience and Nanotechnology, 2021, 21, 591-598.	0.9	1
85	Comparative Epigenomics Reveals Host Diversity of the Trichinella Epigenomes and Their Effects on Differential Parasitism. Frontiers in Cell and Developmental Biology, 2021, 9, 681839.	3.7	1
86	<i>RAI14</i>Âin the blood featherÂregulates chicken pigmentation. Archives Animal Breeding, 2020, 63, 231-239.	1.4	1