

Junlong Zhao

List of Publications by Year in descending order

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96
papers

1,391
citations

346980

22
h-index

511568

30
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all docs

96
docs citations

96
times ranked

1480
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of immunoprotective effects of recombinant proteins and DNA vaccines derived from <i>Eimeria tenella</i> surface antigen 6 and 15 in vivo. <i>Parasitology Research</i> , 2022, 121, 235-243.	0.6	10
2	Seroprevalence Investigation of Classic Swine Fever Virus Before, During, and After African Swine Fever Virus Outbreak in Some Provinces of China from 2017 to 2021. <i>Viral Immunology</i> , 2022, 35, 33-40.	0.6	4
3	Establishment of a Transient and Stable Transfection System for <i>Babesia duncani</i> Using a Homologous Recombination Strategy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 844498.	1.8	3
4	Starch Branching Enzyme 1 Is Important for Amylopectin Synthesis and Cyst Reactivation in <i>Toxoplasma gondii</i> . <i>Microbiology Spectrum</i> , 2022, 10, e0189121.	1.2	4
5	Establishment and Application of an Indirect Enzyme-Linked Immunosorbent Assay for Measuring GPI-Anchored Protein 52 (P52) Antibodies in <i>Babesia gibsoni</i> -Infected Dogs. <i>Animals</i> , 2022, 12, 1197.	1.0	1
6	Prevalence of <i>Eimeria</i> parasites in the Hubei and Henan provinces of China. <i>Parasitology Research</i> , 2021, 120, 655-663.	0.6	12
7	Evaluation of immunoprotective effects of recombinant protein and DNA vaccine based on <i>Eimeria tenella</i> surface antigen 16 and 22 in vivo. <i>Parasitology Research</i> , 2021, 120, 1861-1871.	0.6	12
8	Erythrocyte Adhesion of Merozoite Surface Antigen 2c1 Expressed During Extracellular Stages of <i>Babesia orientalis</i> . <i>Frontiers in Immunology</i> , 2021, 12, 623492.	2.2	2
9	Role of amylopectin synthesis in <i>Toxoplasma gondii</i> and its implication in vaccine development against toxoplasmosis. <i>Open Biology</i> , 2021, 11, 200384.	1.5	12
10	<i>Toxoplasma gondii</i> Infection Inhibits Histone Crotonylation to Regulate Immune Response of Porcine Alveolar Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 696061.	2.2	10
11	Identification of a novel variant erythrocyte surface antigen-1 (VESA1) in <i>Babesia orientalis</i> . <i>Parasitology Research</i> , 2021, 120, 2863-2872.	0.6	1
12	Recombinase polymerase amplification with lateral flow strip for detecting <i>Babesia microti</i> infections. <i>Parasitology International</i> , 2021, 83, 102351.	0.6	10
13	Recombinase polymerase amplification lateral flow dipstick (RPA-LF) detection of <i>Babesia orientalis</i> in water buffalo (<i>Bubalus bubalis</i> , Linnaeus, 1758). <i>Veterinary Parasitology</i> , 2021, 296, 109479.	0.7	4
14	Characterization and evaluation of a recombinant multiepitope peptide antigen MAG in the serological diagnosis of <i>Toxoplasma gondii</i> infection in pigs. <i>Parasites and Vectors</i> , 2021, 14, 408.	1.0	4
15	Kinetic Characterization and Inhibitor Screening of Pyruvate Kinase I From <i>Babesia microti</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 710678.	1.5	2
16	Babesiosis as a potential threat for bovine production in China. <i>Parasites and Vectors</i> , 2021, 14, 460.	1.0	19
17	The Structural Basis of <i>Babesia orientalis</i> Lactate Dehydrogenase. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 790101.	1.8	2
18	A serine/threonine-specific protein kinase of <i>Haemonchus contortus</i> with a role in the development. <i>FASEB Journal</i> , 2020, 34, 2075-2086.	0.2	8

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19	<i>Toxoplasma gondii</i> α -amylase deletion mutant is a promising vaccine against acute and chronic toxoplasmosis. <i>Microbial Biotechnology</i> , 2020, 13, 2057-2069.	2.0	17
20	Xanthohumol and Gossypol Are Promising Inhibitors against <i>Babesia microti</i> by In Vitro Culture via High-Throughput Screening of 133 Natural Products. <i>Vaccines</i> , 2020, 8, 613.	2.1	2
21	Characterization of the variable merozoite surface antigen (VMSA) gene family of <i>Babesia orientalis</i> . <i>Parasitology Research</i> , 2020, 119, 3639-3648.	0.6	2
22	A Comparison of Transcriptional Diversity of Swine Macrophages Infected With TgHB1 Strain of <i>Toxoplasma gondii</i> Isolated in China. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 526876.	1.8	2
23	Inhibitory Effects of Fosmidomycin Against <i>Babesia microti</i> in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 247.	1.8	7
24	Comparative transcriptome analysis of normal and CD44-deleted mouse brain under chronic infection with <i>Toxoplasma gondii</i> . <i>Acta Tropica</i> , 2020, 210, 105589.	0.9	2
25	A novel 53 kDa protein (BoP53) in <i>Babesia orientalis</i> poses the immunoreactivity using the infection serum. <i>Parasitology International</i> , 2020, 78, 102152.	0.6	1
26	In vivo immunoprotective comparison between recombinant protein and DNA vaccine of <i>Eimeria tenella</i> surface antigen 4. <i>Veterinary Parasitology</i> , 2020, 278, 109032.	0.7	23
27	Surface Antigen 1 Is a Crucial Secreted Protein That Mediates <i>Babesia microti</i> Invasion Into Host Cells. <i>Frontiers in Microbiology</i> , 2020, 10, 3046.	1.5	7
28	Acquisition of exogenous fatty acids renders apicoplast-based biosynthesis dispensable in tachyzoites of <i>Toxoplasma</i> . <i>Journal of Biological Chemistry</i> , 2020, 295, 7743-7752.	1.6	33
29	Annotation and characterization of <i>Babesia gibsoni</i> apicoplast genome. <i>Parasites and Vectors</i> , 2020, 13, 209.	1.0	1
30	Identification and characterizations of a rhoptries neck protein 5 (BoRON5) in <i>Babesia orientalis</i> . <i>Parasitology International</i> , 2020, 77, 102106.	0.6	5
31	Identification of Novel Dense-Granule Proteins in <i>Toxoplasma gondii</i> by Two Proximity-Based Biotinylation Approaches. <i>Journal of Proteome Research</i> , 2019, 18, 319-330.	1.8	17
32	Evaluation of <i>Babesia gibsoni</i> GPI-anchored Protein 47 (BgGPI47-WH) as a Potential Diagnostic Antigen by Enzyme-Linked Immunosorbent Assay. <i>Frontiers in Veterinary Science</i> , 2019, 6, 333.	0.9	9
33	Comparative Analysis of Erythrocyte Proteomes of Water Buffalo, Dairy Cattle, and Beef Cattle by Shotgun LC-MS/MS. <i>Frontiers in Veterinary Science</i> , 2019, 6, 346.	0.9	3
34	De novo transcriptome sequencing and comparative analysis of <i>Haemaphysalis flava</i> Neumann, 1897 at larvae and nymph stages. <i>Infection, Genetics and Evolution</i> , 2019, 75, 104008.	1.0	7
35	Crystal structures of <i>Babesia microti</i> lactate dehydrogenase BmLDH reveal a critical role for Arg99 in catalysis. <i>FASEB Journal</i> , 2019, 33, 13669-13682.	0.2	5
36	Expression profile of microRNAs in porcine alveolar macrophages after <i>Toxoplasma gondii</i> infection. <i>Parasites and Vectors</i> , 2019, 12, 65.	1.0	32

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37	Pyruvate Homeostasis as a Determinant of Parasite Growth and Metabolic Plasticity in <i>Toxoplasma gondii</i> . <i>MBio</i> , 2019, 10, .	1.8	42
38	Identification of a novel thrombospondin-related anonymous protein (BoTRAP2) from <i>Babesia orientalis</i> . <i>Parasites and Vectors</i> , 2019, 12, 200.	1.0	8
39	Cathepsin Lâ€™a novel cysteine protease from <i>Haemaphysalis flava</i> Neumann, 1897. <i>Parasitology Research</i> , 2019, 118, 1581-1592.	0.6	6
40	The ABL kinase inhibitor imatinib causes phenotypic changes and lethality in adult <i>Schistosoma japonicum</i> . <i>Parasitology Research</i> , 2019, 118, 881-890.	0.6	10
41	Seroprevalence of <i>Toxoplasma gondii</i> in one-humped camels (<i>Camelus dromedarius</i>) of Thal and Cholistan deserts, Punjab, Pakistan. <i>Parasitology Research</i> , 2019, 118, 307-316.	0.6	8
42	<i>Babesia gibsoni</i> endemic to Wuhan, China: mitochondrial genome sequencing, annotation, and comparison with apicomplexan parasites. <i>Parasitology Research</i> , 2019, 118, 235-243.	0.6	7
43	Micronemal protein 13 contributes to the optimal growth of <i>Toxoplasma gondii</i> under stress conditions. <i>Parasitology Research</i> , 2019, 118, 935-944.	0.6	14
44	Identifying the Naphthalene-Based Compound 3,5-Dihydroxy 2-Napthoic Acid as a Novel Lead Compound for Designing Lactate Dehydrogenase-Specific Antibabesial Drug. <i>Frontiers in Pharmacology</i> , 2019, 10, 1663.	1.6	5
45	A novel <i>Babesia orientalis</i> 135-kilodalton spherical body protein like: identification of its secretion into cytoplasm of infected erythrocytes. <i>Parasites and Vectors</i> , 2018, 11, 205.	1.0	7
46	Functional analysis of <i>Toxoplasma</i> lactate dehydrogenases suggests critical roles of lactate fermentation for parasite growth <i>in vivo</i> . <i>Cellular Microbiology</i> , 2018, 20, e12794.	1.1	43
47	Identification and molecular characterization of a novel <i>Babesia orientalis</i> thrombospondin-related anonymous protein (BoTRAP1). <i>Parasites and Vectors</i> , 2018, 11, 667.	1.0	6
48	Risk Assessment of Etanercept in Mice Chronically Infected With <i>Toxoplasma gondii</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2822.	1.5	7
49	Detection of <i>Babesia gibsoni</i> in dogs by combining recombinase polymerase amplification (RPA) with lateral flow (LF) dipstick. <i>Parasitology Research</i> , 2018, 117, 3945-3951.	0.6	12
50	A TGF- β 2 type I receptor-like molecule with a key functional role in <i>Haemonchus contortus</i> development. <i>International Journal for Parasitology</i> , 2018, 48, 1023-1033.	1.3	16
51	Identification of erythrocyte membrane proteins interacting with <i>Mycoplasma suis</i> GAPDH and OSGEP. <i>Research in Veterinary Science</i> , 2018, 119, 85-90.	0.9	10
52	Brain proteomic differences between wild-type and CD44- mice induced by chronic <i>Toxoplasma gondii</i> infection. <i>Parasitology Research</i> , 2018, 117, 2623-2633.	0.6	9
53	Characterization of a novel secretory spherical body protein in <i>Babesia orientalis</i> and <i>Babesia orientalis</i> -infected erythrocytes. <i>Parasites and Vectors</i> , 2018, 11, 433.	1.0	7
54	Serine/threonine protein phosphatase 1 (PP1) controls growth and reproduction in <i>Schistosoma japonicum</i> . <i>FASEB Journal</i> , 2018, 32, 6626-6642.	0.2	14

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55	Ginsenoside Rg3 Attenuates Lipopolysaccharide-Induced Acute Lung Injury via MerTK-Dependent Activation of the PI3K/AKT/mTOR Pathway. <i>Frontiers in Pharmacology</i> , 2018, 9, 850.	1.6	68
56	The MEP pathway in <i>Babesia orientalis</i> apicoplast, a potential target for anti-babesiosis drug development. <i>Parasites and Vectors</i> , 2018, 11, 452.	1.0	11
57	A Lactate Fermentation Mutant of <i>Toxoplasma</i> Stimulates Protective Immunity Against Acute and Chronic Toxoplasmosis. <i>Frontiers in Immunology</i> , 2018, 9, 1814.	2.2	32
58	Functional genomic exploration reveals that Ss-RIOK-1 is essential for the development and survival of <i>Strongyloides stercoralis</i> larvae. <i>International Journal for Parasitology</i> , 2017, 47, 933-940.	1.3	7
59	Genetic diversity and drug sensitivity studies on <i>Eimeria tenella</i> field isolates from Hubei Province of China. <i>Parasites and Vectors</i> , 2017, 10, 137.	1.0	31
60	A Historical Overview of Research on <i>Babesia orientalis</i> , a Protozoan Parasite Infecting Water Buffalo. <i>Frontiers in Microbiology</i> , 2017, 8, 1323.	1.5	21
61	First Molecular Detection of <i>Babesia gibsoni</i> in Dogs from Wuhan, China. <i>Frontiers in Microbiology</i> , 2017, 8, 1577.	1.5	25
62	Sixty Years (1957â€“2017) of Research on Toxoplasmosis in Chinaâ€“An Overview. <i>Frontiers in Microbiology</i> , 2017, 8, 1825.	1.5	64
63	ANK1 and DnaK-TPR, Two Tetratricopeptide Repeat-Containing Proteins Primarily Expressed in <i>Toxoplasma</i> Bradyzoites, Do Not Contribute to Bradyzoite Differentiation. <i>Frontiers in Microbiology</i> , 2017, 8, 2210.	1.5	14
64	Screening and Identification of the Host Proteins Interacting with <i>Toxoplasma gondii</i> Rhoptry Protein ROP16. <i>Frontiers in Microbiology</i> , 2017, 8, 2408.	1.5	8
65	Molecular Cloning and Characterization of <i>Babesia orientalis</i> Rhoptry Neck 2 <i>Bo</i> -RON2 Protein. <i>Journal of Parasitology Research</i> , 2017, 2017, 1-9.	0.5	7
66	Activation of chronic toxoplasmosis by transportation stress in a mouse model. <i>Oncotarget</i> , 2016, 7, 87351-87360.	0.8	9
67	Population structure of <i>Haemonchus contortus</i> from seven geographical regions in China, determined on the basis of microsatellite markers. <i>Parasites and Vectors</i> , 2016, 9, 586.	1.0	14
68	Identification of host proteins, Spata3 and Dkk2, interacting with <i>Toxoplasma gondii</i> micronemal protein MIC3. <i>Parasitology Research</i> , 2016, 115, 2825-2835.	0.6	8
69	Two benzimidazole resistance-associated SNPs in the isotype-1 β -tubulin gene predominate in <i>Haemonchus contortus</i> populations from eight regions in China. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2016, 6, 199-206.	1.4	27
70	Analysis of the virulence determination mechanisms in a local <i>Toxoplasma</i> strain (T.gHB1) isolated from central China. <i>Parasitology Research</i> , 2016, 115, 3807-3815.	0.6	14
71	Characterization and annotation of <i>Babesia orientalis</i> apicoplast genome. <i>Parasites and Vectors</i> , 2015, 8, 543.	1.0	25
72	Characterisation of a <i>Babesia orientalis</i> apical membrane antigen, and comparison of its orthologues among selected apicomplexans. <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 290-296.	1.1	8

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73	Identification and characterization of a novel 34 kDa merozoite protein in <i>Babesia orientalis</i> . <i>Veterinary Parasitology</i> , 2015, 212, 411-416.	0.7	1
74	Identification of host proteins interacting with the integrin-like A domain of <i>Toxoplasma gondii</i> micronemal protein MIC2 by yeast-two-hybrid screening. <i>Parasites and Vectors</i> , 2014, 7, 543.	1.0	15
75	Exploring features and function of Ss-riok-3, an enigmatic kinase gene from <i>Strongyloides stercoralis</i> . <i>Parasites and Vectors</i> , 2014, 7, 561.	1.0	6
76	Identification of Genes Expressed During <i>Toxoplasma gondii</i> Infection by in Vivo-Induced Antigen Technology (IVIAT) with Positive Porcine Sera. <i>Journal of Parasitology</i> , 2014, 100, 470-479.	0.3	2
77	Seroprevalence and risk factors of <i>Mycoplasma suis</i> infection in pig farms in central China. <i>Preventive Veterinary Medicine</i> , 2014, 117, 215-221.	0.7	19
78	Identification of two novel HSP90 proteins in <i>Babesia orientalis</i> : molecular characterization, and computational analyses of their structure, function, antigenicity and inhibitor interaction. <i>Parasites and Vectors</i> , 2014, 7, 293.	1.0	12
79	Hc-daf-2 encodes an insulin-like receptor kinase in the barber's pole worm, <i>Haemonchus contortus</i> , and restores partial dauer regulation. <i>International Journal for Parasitology</i> , 2014, 44, 485-496.	1.3	25
80	Whole blood transcriptome comparison of pigs with extreme production of in vivo dsRNA-induced serum IFN- α . <i>Developmental and Comparative Immunology</i> , 2014, 44, 35-43.	1.0	14
81	Protective immunity induced by a DNA vaccine-encoding <i>Toxoplasma gondii</i> microneme protein 11 against acute toxoplasmosis in BALB/c mice. <i>Parasitology Research</i> , 2013, 112, 2871-2877.	0.6	31
82	Molecular epidemiology of <i>Theileria annulata</i> and identification of 18S rRNA gene and ITS regions sequences variants in apparently healthy buffaloes and cattle in Pakistan. <i>Infection, Genetics and Evolution</i> , 2013, 13, 124-132.	1.0	25
83	Detection of <i>Mycoplasma wenyonii</i> in cattle and transmission vectors by the loop-mediated isothermal amplification (LAMP) assay. <i>Tropical Animal Health and Production</i> , 2012, 45, 247-250.	0.5	26
84	Prevalence of coccidian infection in suckling piglets in China. <i>Veterinary Parasitology</i> , 2012, 190, 51-55.	0.7	16
85	Establishment and evaluation of an iELISA using the recombinant membrane protein LHD-Sj23 for the serodiagnosis of <i>Schistosoma japonicum</i> infection in cattle in China. <i>Veterinary Parasitology</i> , 2012, 188, 247-254.	0.7	2
86	Evaluation of immune responses induced by SAG1 and MIC3 vaccine cocktails against <i>Toxoplasma gondii</i> . <i>Veterinary Parasitology</i> , 2012, 187, 140-146.	0.7	30
87	Soil contamination of <i>Toxoplasma gondii</i> oocysts in pig farms in central China. <i>Veterinary Parasitology</i> , 2012, 187, 53-56.	0.7	48
88	Seroprevalence and Risk Factors for <i>Toxoplasma gondii</i> Infection on Pig Farms in Central China. <i>Journal of Parasitology</i> , 2011, 97, 262-264.	0.3	35
89	Use of Protein AG in an Enzyme-Linked Immunosorbent Assay for Serodiagnosis of <i>Toxoplasma gondii</i> Infection in Four Species of Animals. <i>Vaccine Journal</i> , 2010, 17, 485-486.	3.2	20
90	Construction and immunogenicity of pseudotype baculovirus expressing <i>Toxoplasma gondii</i> SAG1 protein in BALB/c mice model. <i>Vaccine</i> , 2010, 28, 1803-1807.	1.7	39

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91	Protective immune response in BALB/c mice induced by a suicidal DNA vaccine of the MIC3 gene of <i>Toxoplasma gondii</i> . <i>Veterinary Parasitology</i> , 2009, 164, 134-140.	0.7	33
92	Evaluation of a recombinant MIC3 based latex agglutination test for the rapid serodiagnosis of <i>Toxoplasma gondii</i> infection in swines. <i>Veterinary Parasitology</i> , 2008, 158, 51-56.	0.7	35
93	Construction and expression of the eukaryotic expressed plasmid of MIC3 gene from <i>Toxoplasma gondii</i> in IBRS-2 cells. <i>Frontiers of Agriculture in China</i> , 2008, 2, 498-501.	0.2	2
94	Serological investigations on <i>Babesia orientalis</i> infection. Status of water buffaloes in Hubei Province. <i>Parasitology Research</i> , 2002, 88, S11-S12.	0.6	9
95	Studies on buffalo babesiosis in Hubei Province, China. <i>Tropical Animal Health and Production</i> , 1997, 29, 33S-36S.	0.5	22
96	Studies on the pathogenicity of <i>Babesia bovis</i> in water buffaloes after cryopreservation and resuscitation. <i>Tropical Animal Health and Production</i> , 1997, 29, 40S-42S.	0.5	5