

Lun Zhao-Rong

List of Publications by Year in descending order

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62
papers

1,253
citations

361413

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414414

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63
docs citations

63
times ranked

1884
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome and Phylogenetic Analyses of <i>Trypanosoma evansi</i> Reveal Extensive Similarity to <i>T. brucei</i> and Multiple Independent Origins for Dyskinetoplasty. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e3404.	3.0	124
2	Guanylate-binding protein 1 (GBP1) contributes to the immunity of human mesenchymal stromal cells against <i>Toxoplasma gondii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1365-1370.	7.1	70
3	Visceral Leishmaniasis in China: an Endemic Disease under Control. <i>Clinical Microbiology Reviews</i> , 2015, 28, 987-1004.	13.6	69
4	Two distinct cytokinesis pathways drive trypanosome cell division initiation from opposite cell ends. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3287-3292.	7.1	52
5	Differences in iNOS and Arginase Expression and Activity in the Macrophages of Rats Are Responsible for the Resistance against <i>T. gondii</i> Infection. <i>PLoS ONE</i> , 2012, 7, e35834.	2.5	51
6	Increased intracellular Cl ⁻ concentration promotes ongoing inflammation in airway epithelium. <i>Mucosal Immunology</i> , 2018, 11, 1149-1157.	6.0	46
7	Unpacking Artemisinin Resistance™. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 506-511.	8.7	44
8	Nitric oxide blocks the development of the human parasite <i>Schistosoma japonicum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10214-10219.	7.1	44
9	Cancer in the parasitic protozoans <i>Trypanosoma brucei</i> and <i>Toxoplasma gondii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8835-8842.	7.1	42
10	Current status of <i>Clonorchis sinensis</i> and clonorchiasis in China. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2016, 110, 21-27.	1.8	42
11	LampPort: a handheld digital microfluidic device for loop-mediated isothermal amplification (LAMP). <i>Biomedical Microdevices</i> , 2019, 21, 9.	2.8	42
12	Centrin3 in trypanosomes maintains the stability of a flagellar inner-arm dynein for cell motility. <i>Nature Communications</i> , 2014, 5, 4060.	12.8	38
13	Both endo-siRNAs and tRNA-derived small RNAs are involved in the differentiation of primitive eukaryote <i>Giardia lamblia</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14159-14164.	7.1	37
14	Encephalitis is mediated by ROP18 of <i>Toxoplasma gondii</i> , a severe pathogen in AIDS patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5344-E5352.	7.1	37
15	ATP-driven and AMPK-independent autophagy in an early branching eukaryotic parasite. <i>Autophagy</i> , 2017, 13, 715-729.	9.1	33
16	Resistance to normal human serum reveals <i>Trypanosoma lewisi</i> as an underestimated human pathogen. <i>Molecular and Biochemical Parasitology</i> , 2015, 199, 58-61.	1.1	30
17	<i>In Vitro</i> and <i>In Vivo</i> Efficacy of Novel Flavonoid Dimers against Cutaneous Leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3379-3388.	3.2	28
18	Analysis of the mitochondrial maxicircle of <i>Trypanosoma lewisi</i> , a neglected human pathogen. <i>Parasites and Vectors</i> , 2015, 8, 665.	2.5	27

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19	Molecular profiles of <i>Trypanosoma brucei</i> , <i>T. evansi</i> and <i>T. equiperdum</i> stocks revealed by the random amplified polymorphic DNA method. <i>Parasitology Research</i> , 2004, 92, 335-340.	1.6	26
20	Further evidence from SSCP and ITS DNA sequencing support <i>Trypanosoma evansi</i> and <i>Trypanosoma equiperdum</i> as subspecies or even strains of <i>Trypanosoma brucei</i> . <i>Infection, Genetics and Evolution</i> , 2016, 41, 56-62.	2.3	25
21	Cryo-EM structures of the 80S ribosomes from human parasites <i>Trichomonas vaginalis</i> and <i>Toxoplasma gondii</i> . <i>Cell Research</i> , 2017, 27, 1275-1288.	12.0	23
22	Evaluating the safety of forsythin from <i>Forsythia suspensa</i> leaves by acute and sub-chronic oral administration in rodent models. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 47-51.	0.8	22
23	Cathepsin L in the orange-spotted grouper, <i>Epinephelus coioides</i> : molecular cloning and gene expression after a <i>Vibrio anguillarum</i> challenge. <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1795-1806.	2.3	15
24	Lower Expression of Inducible Nitric Oxide Synthase and Higher Expression of Arginase in Rat Alveolar Macrophages Are Linked to Their Susceptibility to <i>Toxoplasma gondii</i> Infection. <i>PLoS ONE</i> , 2013, 8, e63650.	2.5	15
25	Investigation of infectivity of neonates and adults from different rat strains to <i>Toxoplasma gondii</i> Prugnnaud shows both variation which correlates with iNOS and Arginase-1 activity and increased susceptibility of neonates to infection. <i>Experimental Parasitology</i> , 2015, 149, 47-53.	1.2	15
26	Infection by <i>Toxoplasma gondii</i> , a severe parasite in neonates and AIDS patients, causes impaired anion secretion in airway epithelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4435-4440.	7.1	15
27	Functional Analyses of Cytokinesis Regulators in Bloodstream Stage <i>Trypanosoma brucei</i> Parasites Identify Functions and Regulations Specific to the Life Cycle Stage. <i>MSphere</i> , 2019, 4, .	2.9	15
28	Recombinant β -actinin subunit antigens of <i>Trichomonas vaginalis</i> as potential vaccine candidates in protecting against trichomoniasis. <i>Parasites and Vectors</i> , 2017, 10, 83.	2.5	14
29	Role of GPR30 in estrogen-induced prostate epithelial apoptosis and benign prostatic hyperplasia. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 517-524.	2.1	14
30	An efficient cumate-inducible system for procyclic and bloodstream form <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2017, 214, 101-104.	1.1	13
31	Phylogeography of <i>Angiostrongylus cantonensis</i> (Nematoda: Angiostrongylidae) in southern China and some surrounding areas. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005776.	3.0	13
32	Naturally occurring Toll-like receptor 11 (TLR11) and Toll-like receptor 12 (TLR12) polymorphisms are not associated with <i>Toxoplasma gondii</i> infection in wild wood mice. <i>Infection, Genetics and Evolution</i> , 2014, 26, 180-184.	2.3	12
33	SARS-CoV-2 causes a significant stress response mediated by small RNAs in the blood of COVID-19 patients. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 751-762.	5.1	12
34	Glass transition behavior of the vitrification solutions containing propanediol, dimethyl sulfoxide and polyvinyl alcohol. <i>Cryobiology</i> , 2009, 58, 115-117.	0.7	11
35	PCR-based identification of <i>Trypanosoma lewisi</i> and <i>Trypanosoma musculi</i> using maxicircle kinetoplast DNA. <i>Acta Tropica</i> , 2017, 171, 207-212.	2.0	10
36	Novel organization of mitochondrial minicircles and guide RNAs in the zoonotic pathogen <i>Trypanosoma lewisi</i> . <i>Nucleic Acids Research</i> , 2020, 48, 9747-9761.	14.5	10

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37	High resistance to <i>Toxoplasma gondii</i> infection in inducible nitric oxide synthase knockout rats. <i>IScience</i> , 2021, 24, 103280.	4.1	10
38	Artemisinin resistance in <i>Plasmodium falciparum</i> . <i>Lancet Infectious Diseases</i> , The, 2014, 14, 450-451.	9.1	9
39	Increased intracellular Clâ ⁺ concentration mediates <i>Trichomonas vaginalis</i> -induced inflammation in the human vaginal epithelium. <i>International Journal for Parasitology</i> , 2019, 49, 697-704.	3.1	9
40	A new subspecies of <i>Trypanosoma cyclops</i> found in the Australian terrestrial leech <i>Chtonobdella bilineata</i> . <i>Parasitology</i> , 2021, 148, 1125-1136.	1.5	9
41	An enzyme-mediated bioorthogonal labeling method for genome-wide mapping of 5-hydroxymethyluracil. <i>Chemical Science</i> , 2021, 12, 14126-14132.	7.4	8
42	Severe fever with thrombocytopenia syndrome in China. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 145.	9.1	7
43	Occurrence of trypanosomiasis in net-cage cultured groupers (<i>Cromileptes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td al <i>Aquaculture Research</i> , 2015, 46, 1039-1043.	1.8	7
44	Trehalose, an easy, safe and efficient cryoprotectant for the parasitic protozoan <i>Trypanosoma brucei</i> . <i>Acta Tropica</i> , 2016, 164, 297-302.	2.0	7
45	Exo-miRExplorer: A Comprehensive Resource for Exploring and Comparatively Analyzing Exogenous MicroRNAs. <i>Frontiers in Microbiology</i> , 2017, 8, 126.	3.5	6
46	Functional analyses of an axonemal innerâ€arm dynein complex in the bloodstream form of <i>Trypanosoma brucei</i> uncover its essential role in cytokinesis initiation. <i>Molecular Microbiology</i> , 2019, 112, 1718-1730.	2.5	5
47	Cell cycle and cleavage events during in vitro cultivation of bloodstream forms of <i>Trypanosoma lewisi</i> , a zoonotic pathogen. <i>Cell Cycle</i> , 2019, 18, 552-567.	2.6	5
48	iNOS is essential to maintain a protective Th1/Th2 response and the production of cytokines/chemokines against <i>Schistosoma japonicum</i> infection in rats. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010403.	3.0	5
49	Analysis of the antibodies anti- <i>Toxoplasma gondii</i> by ELISA based on two diagnostic antigens: rSAG1 and rBAG1. <i>Acta Parasitologica</i> , 2011, 56, .	1.1	4
50	The association between <i>Toxoplasma gondii</i> infection and postpartum blues. <i>Journal of Affective Disorders</i> , 2019, 250, 404-409.	4.1	4
51	Temperature is a key factor influencing the invasion and proliferation of <i>Toxoplasma gondii</i> in fish cells. <i>Experimental Parasitology</i> , 2020, 217, 107966.	1.2	4
52	A new species of mammalian trypanosome, <i>Trypanosoma (Megatrypanum) bubalisi</i> sp. nov., found in the freshwater leech <i>Hirudinaria manillensis</i> . <i>International Journal for Parasitology</i> , 2022, 52, 253-264.	3.1	4
53	Infection with <i>Trypanosoma lewisi</i> or <i>Trypanosoma musculi</i> may promote the spread of <i>Toxoplasma gondii</i> . <i>Parasitology</i> , 2021, 148, 703-711.	1.5	3
54	<i>Trypanosoma brucei brucei</i> traverses different biological barriers differently and may modify the host plasma membrane in the process. <i>Experimental Parasitology</i> , 2017, 174, 31-41.	1.2	2

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55	The effect of normal human serum on the mouse trypanosome <i>Trypanosoma musculi</i> in vitro and in vivo. <i>Experimental Parasitology</i> , 2018, 184, 115-120.	1.2	2
56	Investigation into the genetic diversity in toll-like receptors 2 and 4 in the European badger <i>Meles meles</i> . <i>Research in Veterinary Science</i> , 2018, 119, 228-231.	1.9	2
57	<i>Trichomonas vaginalis</i> infection impairs anion secretion in vaginal epithelium. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009319.	3.0	2
58	Vacuolar ATPase depletion contributes to dysregulation of endocytosis in bloodstream forms of <i>Trypanosoma brucei</i> . <i>Parasites and Vectors</i> , 2020, 13, 214.	2.5	1
59	Identification of an orally active carbazole aminoalcohol derivative with broad-spectrum anti-animal trypanosomiasis activity. <i>Acta Tropica</i> , 2021, 219, 105919.	2.0	1
60	The Occurrence of Malignancy in <i>Trypanosoma brucei brucei</i> by Rapid Passage in Mice. <i>Frontiers in Microbiology</i> , 2021, 12, 806626.	3.5	1
61	Innate Resistance to <i>Leishmania amazonensis</i> Infection in Rat Is Dependent on NOS2. <i>Frontiers in Microbiology</i> , 2021, 12, 733286.	3.5	0
62	Species identification and phylogenetic analysis of <i>Leishmania</i> isolated from patients, vectors and hares in the Xinjiang Autonomous Region, The People's Republic of China. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0010055.	3.0	0