Lun Zhao-Rong

List of Publications by Year
in descending order

62 papers	1,253 citations	361413 20 h-index	414414 32 g-index
63 all docs	63 docs citations	63 times ranked	1884 citing authors

#	Article	IF	Citations
1	A new species of mammalian trypanosome, Trypanosoma (Megatrypanum) bubalisi sp. nov., found in the freshwater leech Hirudinaria manillensis. International Journal for Parasitology, 2022, 52, 253-264.	3.1	4
2	SARS-CoV-2 causes a significant stress response mediated by small RNAs in the blood of COVID-19 patients. Molecular Therapy - Nucleic Acids, 2022, 27, 751-762.	5.1	12
3	iNOS is essential to maintain a protective Th1/Th2 response and the production of cytokines/chemokines against Schistosoma japonicum infection in rats. PLoS Neglected Tropical Diseases, 2022, 16, e0010403.	3.0	5
4	Infection withTrypanosoma lewisiorTrypanosoma musculimay promote the spread ofToxoplasma gondii. Parasitology, 2021, 148, 703-711.	1.5	3
5	Trichomonas vaginalis infection impairs anion secretion in vaginal epithelium. PLoS Neglected Tropical Diseases, 2021, 15, e0009319.	3.0	2
6	A new subspecies of Trypanosoma cyclops found in the Australian terrestrial leech Chtonobdella bilineata. Parasitology, 2021, 148, 1125-1136.	1.5	9
7	Identification of an orally active carbazole aminoalcohol derivative with broad-spectrum anti-animal trypanosomiasis activity. Acta Tropica, 2021, 219, 105919.	2.0	1
8	An enzyme-mediated bioorthogonal labeling method for genome-wide mapping of 5-hydroxymethyluracil. Chemical Science, 2021, 12, 14126-14132.	7.4	8
9	High resistance to Toxoplasma gondii infection in inducible nitric oxide synthase knockout rats. IScience, 2021, 24, 103280.	4.1	10
10	Innate Resistance to Leishmania amazonensis Infection in Rat Is Dependent on NOS2. Frontiers in Microbiology, 2021, 12, 733286.	3.5	0
11	The Occurrence of Malignancy in Trypanosoma brucei brucei by Rapid Passage in Mice. Frontiers in Microbiology, 2021, 12, 806626.	3.5	1
12	Species identification and phylogenetic analysis of Leishmania isolated from patients, vectors and hares in the Xinjiang Autonomous Region, The Peopleâ€™s Republic of China. PLoS Neglected Tropical Diseases, 2021, 15, e0010055.	3.0	0
13	Temperature is a key factor influencing the invasion and proliferation of Toxoplasma gondii in fish cells. Experimental Parasitology, 2020, 217, 107966.	1.2	4
14	Novel organization of mitochondrial minicircles and guide RNAs in the zoonotic pathogen Trypanosoma lewisi. Nucleic Acids Research, 2020, 48, 9747-9761.	14.5	10
15	Vacuolar ATPase depletion contributes to dysregulation of endocytosis in bloodstream forms of Trypanosoma brucei. Parasites and Vectors, 2020, 13, 214.	2.5	1
16	Increased intracellular Clâ¯ concentration mediates Trichomonas vaginalis-induced inflammation in the human vaginal epithelium. International Journal for Parasitology, 2019, 49, 697-704.	3.1	9
17	Functional analyses of an axonemal innerâ€arm dynein complex in the bloodstream form of Trypanosoma brucei uncover its essential role in cytokinesis initiation. Molecular Microbiology, 2019, 112, 1718-1730.	2.5	5
18	Functional Analyses of Cytokinesis Regulators in Bloodstream Stage Trypanosoma brucei Parasites Identify Functions and Regulations Specific to the Life Cycle Stage. MSphere, 2019, 4, .	2.9	15

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19	The association between Toxoplasma gondii infection and postpartum blues. Journal of Affective Disorders, 2019, 250, 404-409.	4.1	4
20	Cell cycle and cleavage events during in vitro cultivation of bloodstream forms of Trypanosoma lewisi, a zoonotic pathogen. Cell Cycle, 2019, 18, 552-567.	2.6	5
21	LampPort: a handheld digital microfluidic device for loop-mediated isothermal amplification (LAMP). Biomedical Microdevices, 2019, 21, 9.	2.8	42
22	The effect of normal human serum on the mouse trypanosome Trypanosoma musculi inÂvitro and inÂvivo. Experimental Parasitology, 2018, 184, 115-120.	1.2	2
23	Increased intracellular Clâ¯ concentration promotes ongoing inflammation in airway epithelium. Mucosal Immunology, 2018, 11, 1149-1157.	6.0	46
24	Encephalitis is mediated by ROP18 of Toxoplasma gondii , a severe pathogen in AIDS patients. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5344-E5352.	7.1	37
25	Investigation into the genetic diversity in toll-like receptors 2 and 4 in the European badger Meles meles. Research in Veterinary Science, 2018, 119, 228-231.	1.9	2
26	Evaluating the safety of forsythin from Forsythia suspensa leaves by acute and sub-chronic oral administration in rodent models. Asian Pacific Journal of Tropical Medicine, 2017, 10, 47-51.	0.8	22
27	Guanylate-binding protein 1 (GBP1) contributes to the immunity of human mesenchymal stromal cells against Toxoplasma gondii. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1365-1370.	7.1	70
28	ATP-driven and AMPK-independent autophagy in an early branching eukaryotic parasite. Autophagy, 2017, 13, 715-729.	9.1	33
29	Recombinant Î±-actinin subunit antigens of Trichomonas vaginalis as potential vaccine candidates in protecting against trichomoniasis. Parasites and Vectors, 2017, 10, 83.	2.5	14
30	PCR-based identification of Trypanosoma lewisi and Trypanosoma musculi using maxicircle kinetoplast DNA. Acta Tropica, 2017, 171, 207-212.	2.0	10
31	An efficient cumate-inducible system for procyclic and bloodstream form Trypanosoma brucei. Molecular and Biochemical Parasitology, 2017, 214, 101-104.	1.1	13
32	Role of GPR30 in estrogen-induced prostate epithelial apoptosis and benign prostatic hyperplasia. Biochemical and Biophysical Research Communications, 2017, 487, 517-524.	2.1	14
33	Unpacking â€˜Artemisinin Resistanceâ€™. Trends in Pharmacological Sciences, 2017, 38, 506-511.	8.7	44
34	Trypanosoma brucei brucei traverses different biological barriers differently and may modify the host plasma membrane in the process. Experimental Parasitology, 2017, 174, 31-41.	1.2	2
35	Nitric oxide blocks the development of the human parasiteSchistosoma japonicum. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10214-10219.	7.1	44
36	Cryo-EM structures of the 80S ribosomes from human parasites Trichomonas vaginalis and Toxoplasma gondii. Cell Research, 2017, 27, 1275-1288.	12.0	23

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37	Exo-miRExplorer: A Comprehensive Resource for Exploring and Comparatively Analyzing Exogenous MicroRNAs. Frontiers in Microbiology, 2017, 8, 126.	3.5	6
38	Phylogeography of Angiostrongylus cantonensis (Nematoda: Angiostrongylidae) in southern China and some surrounding areas. PLoS Neglected Tropical Diseases, 2017, 11, e0005776.	3.0	13
39	Two distinct cytokinesis pathways drive trypanosome cell division initiation from opposite cell ends. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3287-3292.	7.1	52
40	Trehalose, an easy, safe and efficient cryoprotectant for the parasitic protozoan Trypanosoma brucei. Acta Tropica, 2016, 164, 297-302.	2.0	7
41	Current status ofClonorchis sinensisand clonorchiasis in China. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2016, 110, 21-27.	1.8	42
42	Further evidence from SSCP and ITS DNA sequencing support Trypanosoma evansi and Trypanosoma equiperdum as subspecies or even strains of Trypanosoma brucei. Infection, Genetics and Evolution, 2016, 41, 56-62.	2.3	25
43	Analysis of the mitochondrial maxicircle of Trypanosoma lewisi, a neglected human pathogen. Parasites and Vectors, 2015, 8, 665.	2.5	27
44	Investigation of infectivity of neonates and adults from different rat strains to Toxoplasma gondii Prugniaud shows both variation which correlates with iNOS and Arginase-1 activity and increased susceptibility of neonates to infection. Experimental Parasitology, 2015, 149, 47-53.	1.2	15
45	Severe fever with thrombocytopenia syndrome in China. Lancet Infectious Diseases, The, 2015, 15, 145.	9.1	7
46	Genome and Phylogenetic Analyses of Trypanosoma evansi Reveal Extensive Similarity to T. brucei and Multiple Independent Origins for Dyskinetoplasty. PLoS Neglected Tropical Diseases, 2015, 9, e3404.	3.0	124
47	Cancer in the parasitic protozoans Trypanosoma brucei and Toxoplasma gondii. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8835-8842.	7.1	42
48	Resistance to normal human serum reveals Trypanosoma lewisi as an underestimated human pathogen. Molecular and Biochemical Parasitology, 2015, 199, 58-61.	1.1	30
49	Infection by Toxoplasma gondii , a severe parasite in neonates and AIDS patients, causes impaired anion secretion in airway epithelia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4435-4440.	7.1	15
50	Visceral Leishmaniasis in China: an Endemic Disease under Control. Clinical Microbiology Reviews, 2015, 28, 987-1004.	13.6	69
51	Occurrence of trypanosomiasis in net-cage cultured groupers (Cromileptes) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td [a Aquaculture Research, 2015, 46, 1039-1043.	1.8	7
52	In Vitro and In Vivo Efficacy of Novel Flavonoid Dimers against Cutaneous Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2014, 58, 3379-3388.	3.2	28
53	Centrin3 in trypanosomes maintains the stability of a flagellar inner-arm dynein for cell motility. Nature Communications, 2014, 5, 4060.	12.8	38
54	Both endo-siRNAs and tRNA-derived small RNAs are involved in the differentiation of primitive eukaryote Giardia lamblia. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14159-14164.	7.1	37

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55	Naturally occurring Toll-like receptor 11 (TLR11) and Toll-like receptor 12 (TLR12) polymorphisms are not associated with Toxoplasma gondii infection in wild wood mice. Infection, Genetics and Evolution, 2014, 26, 180-184.	2.3	12
56	Artemisinin resistance in Plasmodium falciparum. Lancet Infectious Diseases, The, 2014, 14, 450-451.	9.1	9
57	Lower Expression of Inducible Nitric Oxide Synthase and Higher Expression of Arginase in Rat Alveolar Macrophages Are Linked to Their Susceptibility to Toxoplasma gondii Infection. PLoS ONE, 2013, 8, e63650.	2.5	15
58	Differences in iNOS and Arginase Expression and Activity in the Macrophages of Rats Are Responsible for the Resistance against T. gondii Infection. PLoS ONE, 2012, 7, e35834.	2.5	51
59	Cathepsin L in the orange-spotted grouper, Epinephelus coioides: molecular cloning and gene expression after a Vibrio anguillarum challenge. Fish Physiology and Biochemistry, 2012, 38, 1795-1806.	2.3	15
60	Analysis of the antibodies anti-Toxoplasma gondii by ELISA based on two diagnostic antigens: rSAG1 and rBAG1. Acta Parasitologica, 2011, 56, .	1.1	4
61	Glass transition behavior of the vitrification solutions containing propanediol, dimethyl sulfoxide and polyvinyl alcohol. Cryobiology, 2009, 58, 115-117.	0.7	11
62	Molecular profiles of Trypanosoma brucei , T. evansi and T. equiperdum stocks revealed by the random amplified polymorphic DNA method. Parasitology Research, 2004, 92, 335-340.	1.6	26