

Wen-Wei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,286
citations

586496

16
h-index

591227

27
g-index

30
all docs

30
docs citations

30
times ranked

1650
citing authors

#	ARTICLE	IF	CITATIONS
1	Centrin-deficient <i>Leishmania mexicana</i> confers protection against New World cutaneous leishmaniasis. <i>Npj Vaccines</i> , 2022, 7, 32.	2.9	19
2	Reconstitution of <i>Mycobacterium marinum</i> Nonhomologous DNA End Joining Pathway in <i>Leishmania</i> . <i>MSphere</i> , 2022, 7, .	1.3	4
3	Evidence that a naturally occurring single nucleotide polymorphism in the RagC gene of <i>Leishmania donovani</i> contributes to reduced virulence. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009079.	1.3	11
4	Preclinical validation of a live attenuated dermatropic <i>Leishmania</i> vaccine against vector transmitted fatal visceral leishmaniasis. <i>Communications Biology</i> , 2021, 4, 929.	2.0	30
5	The Phosphoenolpyruvate Carboxykinase Is a Key Metabolic Enzyme and Critical Virulence Factor of <i>Leishmania major</i> . <i>Journal of Immunology</i> , 2021, 206, 1013-1026.	0.4	3
6	A second generation leishmanization vaccine with a markerless attenuated <i>Leishmania major</i> strain using CRISPR gene editing. <i>Nature Communications</i> , 2020, 11, 3461.	5.8	72
7	Sensing Host Arginine Is Essential for <i>Leishmania</i> Parasites' Intracellular Development. <i>MBio</i> , 2020, 11, .	1.8	17
8	Application of CRISPR/Cas9-Mediated Genome Editing in <i>Leishmania</i> . <i>Methods in Molecular Biology</i> , 2020, 2116, 199-224.	0.4	18
9	Single-Strand Annealing Plays a Major Role in Double-Strand DNA Break Repair following CRISPR-Cas9 Cleavage in <i>Leishmania</i> . <i>MSphere</i> , 2019, 4, .	1.3	34
10	A complete <i>Leishmania donovani</i> reference genome identifies novel genetic variations associated with virulence. <i>Scientific Reports</i> , 2018, 8, 16549.	1.6	41
11	Development of a sandwich ELISA to detect <i>Leishmania</i> 40S ribosomal protein S12 antigen from blood samples of visceral leishmaniasis patients. <i>BMC Infectious Diseases</i> , 2018, 18, 500.	1.3	16
12	Optimized CRISPR-Cas9 Genome Editing for <i>Leishmania</i> and Its Use To Target a Multigene Family, Induce Chromosomal Translocation, and Study DNA Break Repair Mechanisms. <i>MSphere</i> , 2017, 2, .	1.3	66
13	CRISPR-Cas9-Mediated Genome Editing in <i>Leishmania donovani</i> . <i>MBio</i> , 2015, 6, e00861.	1.8	168
14	Screening <i>Leishmania donovani</i> Complex-Specific Genes Required for Visceral Disease. <i>Methods in Molecular Biology</i> , 2015, 1201, 339-361.	0.4	4
15	Genetic Analysis of <i>Leishmania donovani</i> Tropism Using a Naturally Attenuated Cutaneous Strain. <i>PLoS Pathogens</i> , 2014, 10, e1004244.	2.1	97
16	Determinants for the Development of Visceral Leishmaniasis Disease. <i>PLoS Pathogens</i> , 2013, 9, e1003053.	2.1	175
17	Role of Cytosolic Glyceraldehyde-3-Phosphate Dehydrogenase in Visceral Organ Infection by <i>Leishmania donovani</i> . <i>Eukaryotic Cell</i> , 2013, 12, 70-77.	3.4	21
18	Deletion of an ATP-binding cassette protein subfamily C transporter in <i>Leishmania donovani</i> results in increased virulence. <i>Molecular and Biochemical Parasitology</i> , 2012, 185, 165-169.	0.5	8

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19	Expression of a <i>Leishmania donovani</i> nucleotide sugar transporter in <i>Leishmania major</i> enhances survival in visceral organs. <i>Experimental Parasitology</i> , 2011, 129, 337-345.	0.5	15
20	Screening <i>Leishmania donovani</i> -specific genes required for visceral infection. <i>Molecular Microbiology</i> , 2010, 77, 505-517.	1.2	42
21	Immunization with a Toll-Like Receptor 7 and/or 8 Agonist Vaccine Adjuvant Increases Protective Immunity against <i>Leishmania major</i> in BALB/c Mice. <i>Infection and Immunity</i> , 2008, 76, 3777-3783.	1.0	94
22	A Genomic-Based Approach Combining In Vivo Selection in Mice to Identify a Novel Virulence Gene in <i>Leishmania</i> . <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e248.	1.3	25
23	Development of a Genetic Assay to Distinguish between <i>Leishmania viannia</i> Species on the Basis of Isoenzyme Differences. <i>Clinical Infectious Diseases</i> , 2006, 42, 801-809.	2.9	34
24	In vivo selection for <i>Leishmania donovani</i> miniexon genes that increase virulence in <i>Leishmania major</i> . <i>Molecular Microbiology</i> , 2004, 54, 1051-1062.	1.2	14
25	Comparison of the A2 Gene Locus in <i>Leishmania donovani</i> and <i>Leishmania major</i> and Its Control over Cutaneous Infection. <i>Journal of Biological Chemistry</i> , 2003, 278, 35508-35515.	1.6	99
26	Characterization of the A2-A2rel gene cluster in <i>Leishmania donovani</i> : involvement of A2 in visceralization during infection. <i>Molecular Microbiology</i> , 2001, 39, 935-948.	1.2	111
27	The expression of biologically active human p53 in <i>Leishmania</i> cells: a novel eukaryotic system to produce recombinant proteins. <i>Nucleic Acids Research</i> , 1995, 23, 4073-4080.	6.5	47