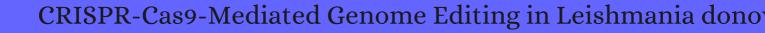
CITATION REPORT List of articles citing



DOI: 10.1128/mbio.00861-15 MBio, 2015, 6, e00861.

Source: https://exaly.com/paper-pdf/61945974/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper IF		Citations
152	Chromosomal Translocations in the Parasite Leishmania by a MRE11/RAD50-Independent Microhomology-Mediated End Joining Mechanism. 2016 , 12, e1006117		19
151	Genome Editing by CRISPR/Cas9: A Game Change in the Genetic Manipulation of Protists. 2016 , 63, 679-90)	42
150	Using Metabolomic Approaches to Characterize the Human Pathogen Leishmania in Macrophages. 2016 , 83-117		
149	Vaccine Development for Leishmaniasis. 2016 , 89-99		
148	Application of the CRISPR/Cas9 gene editing technique to research on functional genomes of parasites. 2016 , 65, 641-644		11
147	CRISPR-Cas9 technology and its application in haematological disorders. 2016 , 175, 208-225		15
146	CRISPR/Cas9-mediated endogenous C-terminal Tagging of Trypanosoma cruzi Genes Reveals the Acidocalcisome Localization of the Inositol 1,4,5-Trisphosphate Receptor. 2016 , 291, 25505-25515		56
145	Empower multiplex cell and tissue-specific CRISPR-mediated gene manipulation with self-cleaving ribozymes and tRNA. <i>Nucleic Acids Research</i> , 2017 , 45, e28	0.1	47
144	A Telomeric Cluster of Antimony Resistance Genes on Chromosome 34 of Leishmania infantum. 2016 , 60, 5262-75		15
143	In vitro permissiveness of bovine neutrophils and monocyte derived macrophages to Leishmania donovani of Ethiopian isolate. 2016 , 9, 218		2
142	Joining forces: first application of a rapamycin-induced dimerizable Cre system for conditional null mutant analysis in Leishmania. 2016 , 100, 923-7		4
141	Essential RNA-Based Technologies and Their Applications in Plant Functional Genomics. 2016 , 34, 106-123	,	39
140	A New Era of Genome Integration-Simply Cut and Paste!. <i>ACS Synthetic Biology</i> , 2017 , 6, 601-609	7	28
139	Optimized CRISPR-Cas9 Genome Editing for and Its Use To Target a Multigene Family, Induce Chromosomal Translocation, and Study DNA Break Repair Mechanisms. <i>MSphere</i> , 2017 , 2,		39
138	Anti-trypanosomatid drug discovery: an ongoing challenge and a continuing need. 2017 , 15, 217-231		225
137	Zinc finger nuclease technology: A stable tool for high efficiency transformation in bloodstream form T. brucei. 2017 , 213, 12-15		1
136	Recent advances in Leishmania reverse genetics: Manipulating a manipulative parasite. 2017 , 216, 30-38		24

135	A CRISPR Cas9 high-throughput genome editing toolkit for kinetoplastids. 2017 , 4, 170095		144
134	CRISPR/Cas9 targeting events cause complex deletions and insertions at 17 sites in the mouse genome. 2017 , 8, 15464		165
133	Exploiting Knowledge on Leishmania Drug Resistance to Support the Quest for New Drugs. 2017 , 33, 162-174		75
132	Genome editing technologies to fight infectious diseases. 2017 , 15, 1001-1013		9
131	CRISPR/Cas9-Enabled Multiplex Genome Editing and Its Application. 2017, 149, 111-132		47
130	Shape, form, function and pathogenicity: from textbook descriptions to biological understanding. 2017 , 7,		55
129	Rapid, Selection-Free, High-Efficiency Genome Editing in Protozoan Parasites Using CRISPR-Cas9 Ribonucleoproteins. <i>MBio</i> , 2017 , 8,	7.8	47
128	Whole genome sequencing of live attenuated Leishmania donovani parasites reveals novel biomarkers of attenuation and enables product characterization. 2017 , 7, 4718		7
127	CRISPR/Cas9-The ultimate weapon to battle infectious diseases?. 2017 , 19, e12693		33
126	Reproduction in Leishmania: A focus on genetic exchange. 2017 , 50, 128-132		15
126	Reproduction in Leishmania: A focus on genetic exchange. 2017 , 50, 128-132 NADH dehydrogenase of Trypanosoma brucei is important for efficient acetate production in bloodstream forms. 2017 , 211, 57-61		15
	NADH dehydrogenase of Trypanosoma brucei is important for efficient acetate production in	5.9	
125	NADH dehydrogenase of Trypanosoma brucei is important for efficient acetate production in bloodstream forms. 2017 , 211, 57-61	5.9	
125 124	NADH dehydrogenase of Trypanosoma brucei is important for efficient acetate production in bloodstream forms. 2017 , 211, 57-61 Taming Parasites by Tailoring Them. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 292	5.9	10
125 124 123	NADH dehydrogenase of Trypanosoma brucei is important for efficient acetate production in bloodstream forms. 2017, 211, 57-61 Taming Parasites by Tailoring Them. Frontiers in Cellular and Infection Microbiology, 2017, 7, 292 Characterisation of Casein Kinase 1.1 in Using the CRISPR Cas9 Toolkit. 2017, 2017, 4635605 Signalling pathways in schistosomes: novel targets for control interventions against	5.9	10 9 24
125 124 123	NADH dehydrogenase of Trypanosoma brucei is important for efficient acetate production in bloodstream forms. 2017, 211, 57-61 Taming Parasites by Tailoring Them. Frontiers in Cellular and Infection Microbiology, 2017, 7, 292 Characterisation of Casein Kinase 1.1 in Using the CRISPR Cas9 Toolkit. 2017, 2017, 4635605 Signalling pathways in schistosomes: novel targets for control interventions against schistosomiasis. 2017, 1, 633-639 Genome-wide and protein kinase-focused RNAi screens reveal conserved and novel damage	5·9 5·7	10 9 24
125 124 123 122	NADH dehydrogenase of Trypanosoma brucei is important for efficient acetate production in bloodstream forms. 2017, 211, 57-61 Taming Parasites by Tailoring Them. Frontiers in Cellular and Infection Microbiology, 2017, 7, 292 Characterisation of Casein Kinase 1.1 in Using the CRISPR Cas9 Toolkit. 2017, 2017, 4635605 Signalling pathways in schistosomes: novel targets for control interventions against schistosomiasis. 2017, 1, 633-639 Genome-wide and protein kinase-focused RNAi screens reveal conserved and novel damage response pathways in Trypanosoma brucei. 2017, 13, e1006477 Nontransgenic Marker-Free Gene Disruption by an Episomal CRISPR System in the Oleaginous		10 9 24 1 27

117	CRISPR/Cas9 cleavages in budding yeast reveal templated insertions and strand-specific insertion/deletion profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E2040-E2047	11.5	92
116	Genetically Validated Drug Targets in Leishmania: Current Knowledge and Future Prospects. 2018 , 4, 467-477		43
115	A single-cysteine mutant and chimeras of essential Leishmania Erv can complement the loss of Erv1 but not of Mia40 in yeast. 2018 , 15, 363-374		7
114	CRISPR/Cas9-mediated gene modification and gene knock out in the human-infective parasite Trichomonas vaginalis. 2018 , 8, 270		32
113	The CRISPR/Cas9 system sheds new lights on the biology of protozoan parasites. 2018 , 102, 4629-4640		14
112	CRISPR-based genomic tools for the manipulation of genetically intractable microorganisms. 2018 , 16, 333-339		68
111	Recruitment kinetics of the homologous recombination pathway in procyclic forms of Trypanosoma brucei after ionizing radiation treatment. 2018 , 8, 5405		13
110	A complete Leishmania donovani reference genome identifies novel genetic variations associated with virulence. 2018 , 8, 16549		28
109	Inducible high-efficiency CRISPR-Cas9-targeted gene editing and precision base editing in African trypanosomes. 2018 , 8, 7960		27
108	Expanding the toolbox for Trypanosoma cruzi: A parasite line incorporating a bioluminescence-fluorescence dual reporter and streamlined CRISPR/Cas9 functionality for rapid in vivo localisation and phenotyping. 2018 , 12, e0006388		47
107	Guide RNA selection for CRISPR-Cas9 transfections in Plasmodium falciparum. 2018 , 48, 825-832		15
106	Identification of novel leishmanicidal molecules by virtual and biochemical screenings targeting Leishmania eukaryotic translation initiation factor 4A. 2018 , 12, e0006160		13
105	Causes and Effects of Loss of Classical Nonhomologous End Joining Pathway in Parasitic Eukaryotes. <i>MBio</i> , 2019 , 10,	7.8	17
104	CRISPR-Cas9 system: A new-fangled dawn in gene editing. 2019 , 232, 116636		62
103	Leishmania donovani parasite requires Atg8 protein for infectivity and survival under stress. 2019 , 10, 808		12
102	Single-Strand Annealing Plays a Major Role in Double-Strand DNA Break Repair following CRISPR-Cas9 Cleavage in. <i>MSphere</i> , 2019 , 4,	5	14
101	Endogenous Fluorescence Tagging by CRISPR. 2019 , 29, 912-928		23
100	State-of-the-art CRISPR/Cas9 Technology for Genome Editing in Trypanosomatids. 2019 , 66, 981-991		9

(2020-2019)

99	Gene Disruption of Honey Bee Trypanosomatid Parasite, , by CRISPR/Cas9 System. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 126	4
98	Cosmid Library Construction and Functional Cloning. 2019 , 1971, 123-140	4
97	CRISPR in Parasitology: Not Exactly Cut and Dried!. 2019 , 35, 409-422	21
96	Ribozyme-mediated, multiplex CRISPR gene editing and CRISPR interference (CRISPRi) in rodent-infectious. 2019 , 294, 9555-9566	16
95	Identification of circadian rhythms in Nannochloropsis species using bioluminescence reporter lines. 2019 , 99, 112-127	29
94	Leishmania donovani 90 kD Heat Shock Protein - Impact of Phosphosites on Parasite Fitness, Infectivity and Casein Kinase Affinity. 2019 , 9, 5074	17
93	Gene Replacement by Homologous Recombination. 2019 , 1971, 169-188	2
92	LeishGEdit: A Method for Rapid Gene Knockout and Tagging Using CRISPR-Cas9. 2019 , 1971, 189-210	14
91	-Encoded Dual Specificity Protein/Lipid Phosphatase Impairs Virulence. <i>Pathogens</i> , 2019 , 8, 4.5	10
90	Coupling chemical mutagenesis to next generation sequencing for the identification of drug resistance mutations[in Leishmania. 2019 , 10, 5627	22
89	Roles of microRNAs in T cell immunity: Implications for strategy development against infectious diseases. 2019 , 39, 706-732	8
88	Universal highly efficient conditional knockout system in Leishmania, with a focus on untranscribed region preservation. 2020 , 22, e13159	5
87	CRISPR-Cas9 assisted functional gene editing in the mushroom Ganoderma lucidum. 2020 , 104, 1661-1671	25
86	Application of CRISPR/Cas9-Based Reverse Genetics in : Conserved Roles for HSP100 and HSP23. 2020 , 11,	4
85	Integrative genomic, proteomic and phenotypic studies of Leishmania donovani strains revealed genetic features associated with virulence and antimony-resistance. 2020 , 13, 510	5
84	Bar-seq strategies for the LeishGEdit toolbox. 2020 , 239, 111295	3
83	A second generation leishmanization vaccine with a markerless attenuated Leishmania major strain using CRISPR gene editing. 2020 , 11, 3461	32
82	The potential of live attenuated vaccines against Cutaneous Leishmaniasis. 2020 , 210, 107849	17

81	Gene Editing in Trypanosomatids: Tips and Tricks in the CRISPR-Cas9 Era. 2020, 36, 745-760		5
80	Gene Duplication in : A Case for CRISPR-Cas9 Gene Editing. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 408)	4
79	Sensing Host Arginine Is Essential for Parasites' Intracellular Development. <i>MBio</i> , 2020 , 11,	}	9
78	RNA Binding Proteins and Gene Expression Regulation in. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 56)	5
77	Genetic modification of the protozoan Eimeria tenella using the CRISPR/Cas9 system. 2020, 51, 41		4
76	Efficient Single-Gene and Gene Family Editing in the Apicomplexan Parasite Using CRISPR-Cas9. 2020 , 8, 128		7
75	Conditional knockout of RAD51-related genes in Leishmania major reveals a critical role for homologous recombination during genome replication. 2020 , 16, e1008828		8
74	Efficient expression of multiple guide RNAs for CRISPR/Cas genome editing. 2020 , 1, 123-134		7
73	Testing the CRISPR-Cas9 and glmS ribozyme systems in Leishmania tarentolae. 2021 , 241, 111336		4
72	CRISPR/Cas9-mediated genome editing of Schistosoma mansoni acetylcholinesterase. 2021 , 35, e21205		9
71	Genomics and functional genomics in Leishmania and Trypanosoma cruzi: statuses, challenges and perspectives. 2021 , 116, e200634		4
70	CRISPRing protozoan parasites to better understand the biology of diseases. 2021 , 180, 21-68		1
69	CRISPR/Cas9 in epigenetics studies of health and disease. 2021 , 181, 309-343		1
68	The MRN complex promotes DNA repair by homologous recombination and restrains antigenic variation in African trypanosomes. <i>Nucleic Acids Research</i> , 2021 , 49, 1436-1454).1	5
67	Evidence that a naturally occurring single nucleotide polymorphism in the RagC gene of Leishmania donovani contributes to reduced virulence. 2021 , 15, e0009079		4
66	Disruption of Dense Granular Protein 2 (GRA2) Decreases the Virulence of. 2021 , 8, 634612		1
65	Bacteriophage T4 Escapes CRISPR Attack by Minihomology Recombination and Repair. <i>MBio</i> , 2021 , 12, e0136121	}	3
64	Downregulation of FeSOD-A expression in Leishmania infantum alters trivalent antimony and miltefosine susceptibility. 2021 , 14, 366		5

63	Unpicking the Roles of DNA Damage Protein Kinases in Trypanosomatids. 2021, 9, 636615		О
62	Leishmania parasite arginine deprivation response pathway influences the host macrophage lysosomal arginine sensing machinery.		O
61	FnCas12a/crRNA-Mediated Genome Editing in. 2021 , 12, 738746		О
60	Application of CRISPR/Cas9-Mediated Genome Editing in Leishmania. 2020, 2116, 199-224		6
59	CRISPR/Cas9 cleavages in budding yeast reveal templated insertions and strand-specific insertion/deletion profiles.		1
58	RAD50 promotes DNA repair by homologous recombination and restrains antigenic variation in African trypanosomes.		1
57	Programmed genome editing of the omega-1 ribonuclease 1 of the blood fluke,Schistosoma mansoni.		2
56	Viruses of protozoan parasites and viral therapy: Is the time now right?. 2020 , 17, 142		5
55	Plasticity of the genome leading to gene copy number variations and drug resistance. 2016 , 5, 2350		74
54	CRISPR/Cas9 in Leishmania mexicana: A case study of LmxBTN1. 2018 , 13, e0192723		18
53	Programmed genome editing of the omega-1 ribonuclease of the blood fluke,. 2019 , 8,		51
52	type II dehydrogenase is essential for parasite viability irrespective of the presence of an active complex I. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	O
51	Chapter 6. Omics and Their Impact on the Development of Chemotherapy Against Leishmania. <i>RSC Drug Discovery Series</i> , 2017 , 101-129	0.6	
50	Chapter 16:The Redox Metabolism and Oxidative Stress in Leishmania as a Crossroads for the Lethal Effect of Drugs. <i>RSC Drug Discovery Series</i> , 2017 , 316-347	0.6	
49	Gene knock out of honey bee trypanosomatid parasite, Lotmaria passim, by CRISPR/Cas9 system.		
48	Ribozyme-Mediated, Multiplex CRISPR Gene Editing and CRISPRi in Plasmodium yoelii.		1
47	The hunger games: sensing host arginine is essential for Leishmania parasite virulence.		1
46	Conditional knockout of RAD51-related genes inLeishmania majorreveals a critical role for homologous recombination during genome replication.		

A Second Generation Leishmanization Vaccine with a Markerless Attenuated Leishmania major Strain using CRISPR gene editing.

44	Bar-seq strategies for the LeishGEdit toolbox.		
43	In vitro evaluation of CRISPR PX-LmGP63 vector effect on pathogenicity of Leishmania major as a primary step to control leishmaniasis. <i>Microbial Pathogenesis</i> , 2021 , 161, 105281	3.8	1
42	CRISPR/Cas9-mediated genome editing of Schistosoma mansoni acetylcholinesterase.		
41	Testing the CRISPR-Cas9 andglmSribozyme systems inLeishmania tarentolae.		
40	Generation of a CRISPR/Cas9-Based Vector Specific for Gene Manipulation in. <i>Iranian Journal of Parasitology</i> , 2019 , 14, 78-88	0.8	4
39	Comprehensive Genome Engineering Toolbox for Microalgae Based on CRISPR-Cas Systems. <i>ACS Synthetic Biology</i> , 2021 ,	5.7	2
38	Effective Genome Editing in () Stably Expressing Cas9 and T7 RNA Polymerase. Frontiers in Cellular and Infection Microbiology, 2021, 11, 772311	5.9	O
37	Impact of Genetic Diversity and Genome Plasticity of spp. in Treatment and the Search for Novel Chemotherapeutic Targets <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 826287	5.9	3
36	Laboratory Selection of Trypanosomatid Pathogens for Drug Resistance <i>Pharmaceuticals</i> , 2022 , 15,	5.2	
35	Challenges and Tools for In Vitro Exploratory Screening in the Drug Development Process: An Updated Review <i>Pathogens</i> , 2021 , 10,	4.5	0
34	Oligo targeting for profiling drug resistance mutations in the parasitic trypanosomatids <i>Nucleic Acids Research</i> , 2022 ,	20.1	О
33	Data_Sheet_1.DOCX. 2020 ,		
32	Table_1.XLSX. 2020 ,		
31	Presentation_1.PPTX. 2020 ,		
30	Presentation_2.PPTX. 2020 ,		
29	Table_1.DOCX. 2020 ,		
28	Table_1.docx. 2019 ,		

(2022-2019)

27	Table_2.xlsx. 2019 ,		
26	Table_3.DOCX. 2019 ,		
25	Table_4.DOCX. 2019 ,		
24	Table_1.XLSX. 2020 ,		
23	Table_2.XLSX. 2020 ,		
22	Table_3.XLSX. 2020 ,		
21	Table_4.DOCX. 2020 ,		
20	Reconstitution of Mycobacterium marinum Nonhomologous DNA End Joining Pathway in Leishmania. <i>MSphere</i> ,	5	O
19	CRISPR-Cas9: Taming protozoan parasites with bacterial scissor.		0
18	Genome deletions to overcome the directed loss of gene function in Leishmania. 12,		O
17	Emergence and adaptation of the cellular machinery directing antigenic variation in the African trypanosome. 2022 , 70, 102209		О
16	Detection of Tropical Diseases Caused by Mosquitoes Using CRISPR-Based Biosensors. 2022 , 7, 309		O
15	Leishmania infantum NTPDase1 and NTPDase2 play an important role in infection and nitric oxide production in macrophages. 2022 , 106732		О
14	An expanded proteomic survey of the human parasiteLeishmania majorfocusing on changes in null mutants of the Golgi GDP-Mannose/Fucose/ArabinopyranosetransporterLPG2or the mitochondrial fucosyltransferaseFUT1.		Ο
13	Expanded Proteomic Survey of the Human Parasite Leishmania major Focusing on Changes in Null Mutants of the Golgi GDP-Mannose/Fucose/Arabinopyranose Transporter LPG2 and of the Mitochondrial Fucosyltransferase FUT1.		О
12	Thiophene derivatives activity against the protozoan parasite Leishmania infantum. 2023 , 21, 13-20		O
11	Investigating the Leishmania donovanißacp Gene and Its Role in Macrophage Infection and Survival in Mice. 2022 , 7, 384		О
10	Self-cleaving guide RNAs enable pharmacological selection of precise gene editing events in vivo. 2022 , 13,		Ο

9	Introducing the CRISPR/Cas9 cytosine base editor toolbox LeishBASEedit Lene editing and high-throughput screening inLeishmaniawithout requiring DNA double-strand breaks, homologous recombination or donor DNA.	1
8	Embryological Aspects of Creating a New Humanized Transgenic Mouse Line with an Integrated Human Gene <i>HLA A*02:01:01:01</i>. 2022 , 18, 10-23	O
7	Aspartyl protease in the secretome of honey bee trypanosomatid parasite is essential for the efficient infection of host.	O
6	Life in plastic, it fantastic! How Leishmania exploit genome instability to shape gene expression.	Ο
5	Systems vaccinology for the design of rational vaccines against protozoan parasites. 2022 , 297-334	О
4	The paradigm of intracellular parasite survival and drug resistance in leishmanial parasite through genome plasticity and epigenetics: Perception and future perspective. 13,	О
3	Multiplexed genome engineering for porcine fetal fibroblasts with gRNAERNA arrays based on CRISPR/Cas9. 1-10	О
2	Vaccine Development for Human Leishmaniasis. 2023 , 307-326	Ο
1	Next-Generation Leishmanization: Revisiting Molecular Targets for Selecting Genetically Engineered Live-Attenuated Leishmania. 2023 , 11, 1043	О