Stephen M Beverley

List of Publications by Year
in descending order

221 papers	15,485 citations	13099 68 h-index	23533 111 g-index
232 all docs	232 docs citations	232 times ranked	9766 citing authors

#	Article	IF	Citations
1	Leishmania Sexual Reproductive Strategies as Resolved through Computational Methods Designed for Aneuploid Genomes. Genes, 2021, 12, 167.	2.4	12
2	The antioxidant response favors Leishmania parasites survival, limits inflammation and reprograms the host cell metabolism. PLoS Pathogens, 2021, 17, e1009422.	4.7	19
3	A broadly active fucosyltransferase LmjFUT1 whose mitochondrial localization and activity are essential in parasitic <i>Leishmania</i>. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
4	An essential, kinetoplastid-specific GDP-Fuc: Î²-D-Gal Î±-1,2-fucosyltransferase is located in the mitochondrion of Trypanosoma brucei. ELife, 2021, 10, .	6.0	11
5	Interplay of Trypanosome Lytic Factor and innate immune cells in the resolution of cutaneous Leishmania infection. PLoS Pathogens, 2021, 17, e1008768.	4.7	0
6	Genome Assemblies across the Diverse Evolutionary Spectrum of <i>Leishmania</i> Protozoan Parasites. Microbiology Resource Announcements, 2021, 10, e0054521.	0.6	8
7	Inhibitor of growth protein 3 epigenetically silences endogenous retroviral elements and prevents innate immune activation. Nucleic Acids Research, 2021, 49, 12706-12715.	14.5	4
8	Dramatic changes in gene expression in different forms of Crithidia fasciculata reveal potential mechanisms for insect-specific adhesion in kinetoplastid parasites. PLoS Neglected Tropical Diseases, 2019, 13, e0007570.	3.0	18
9	Mannogen-ing Central Carbon Metabolism by Leishmania. Trends in Parasitology, 2019, 35, 947-949.	3.3	3
10	Whole genome sequencing of experimental hybrids supports meiosis-like sexual recombination in Leishmania. PLoS Genetics, 2019, 15, e1008042.	3.5	70
11	TLR2 Signaling in Skin Nonhematopoietic Cells Induces Early Neutrophil Recruitment in Response to Leishmania major Infection. Journal of Investigative Dermatology, 2019, 139, 1318-1328.	0.7	28
12	Leishmania Lipophosphoglycan Triggers Caspase-11 and the Non-canonical Activation of the NLRP3 Inflammasome. Cell Reports, 2019, 26, 429-437.e5.	6.4	91
13	Concentration of 2â€²C-methyladenosine triphosphate by Leishmania guyanensis enables specific inhibition of Leishmania RNA virus 1 via its RNA polymerase. Journal of Biological Chemistry, 2018, 293, 6460-6469.	3.4	6
14	Viral discovery and diversity in trypanosomatid protozoa with a focus on relatives of the human parasite <i>Leishmania</i>. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E506-E515.	7.1	75
15	Spontaneous excision and facilitated recovery as a control for phenotypes arising from RNA interference and other dominant transgenes. Molecular and Biochemical Parasitology, 2018, 220, 42-45.	1.1	3
16	Leishmania guyanensis parasites block the activation of the inflammasome by inhibiting maturation of IL-1Î². Microbial Cell, 2018, 5, 137-149.	3.2	24
17	SODB1 is essential for Leishmania major infection of macrophages and pathogenesis in mice. PLoS Neglected Tropical Diseases, 2018, 12, e0006921.	3.0	15
18	Development of a semi-automated image-based high-throughput drug screening system. Frontiers in Bioscience - Elite, 2018, 10, 242-253.	1.8	7

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19	Importance of polyphosphate in the Leishmania life cycle. Microbial Cell, 2018, 5, 371-384.	3.2	15
20	Antiviral screening identifies adenosine analogs targeting the endogenous dsRNA <i>Leishmania</i> RNA virus 1 (LRV1) pathogenicity factor. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E811-E819.	7.1	36
21	Continual renewal and replication of persistent<i>Leishmania major</i>parasites in concomitantly immune hosts. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E801-E810.	7.1	98
22	The Evolutionary Loss of RNAi Key Determinants in Kinetoplastids as a Multiple Sporadic Phenomenon. Journal of Molecular Evolution, 2017, 84, 104-115.	1.8	15
23	Type I interferons induced by endogenous or exogenous viral infections promote metastasis and relapse of leishmaniasis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4987-4992.	7.1	93
24	Gene Expression in <i>Leishmania</i> Is Regulated Predominantly by Gene Dosage. MBio, 2017, 8, .	4.1	108
25	Genetic metabolic complementation establishes a requirement for GDP-fucose in Leishmania. Journal of Biological Chemistry, 2017, 292, 10696-10708.	3.4	18
26	Exacerbated Leishmaniasis Caused by a Viral Endosymbiont can be Prevented by Immunization with Its Viral Capsid. PLoS Neglected Tropical Diseases, 2017, 11, e0005240.	3.0	31
27	A Novel Bunyavirus-Like Virus of Trypanosomatid Protist Parasites. Genome Announcements, 2016, 4, .	0.8	23
28	Concomitant Immunity Induced by Persistent Leishmania major Does Not Preclude Secondary Re-Infection: Implications for Genetic Exchange, Diversity and Vaccination. PLoS Neglected Tropical Diseases, 2016, 10, e0004811.	3.0	13
29	A <i>Narnavirus</i> in the Trypanosomatid Protist Plant Pathogen <i>Phytomonas serpens</i>. Genome Announcements, 2016, 4, .	0.8	20
30	Severe Cutaneous Leishmaniasis in a Human Immunodeficiency Virus Patient Coinfected with Leishmania braziliensis and Its Endosymbiotic Virus. American Journal of Tropical Medicine and Hygiene, 2016, 94, 840-843.	1.4	27
31	Mammalian Innate Immune Response to a Leishmania -Resident RNA Virus Increases Macrophage Survival to Promote Parasite Persistence. Cell Host and Microbe, 2016, 20, 318-328.	11.0	61
32	Low frequency of LRV1 in Leishmania braziliensis strains isolated from typical and atypical lesions in the State of Minas Gerais, Brazil. Molecular and Biochemical Parasitology, 2016, 210, 50-54.	1.1	24
33	African Trypanosomes Find a Fat Haven. Cell Host and Microbe, 2016, 19, 748-749.	11.0	3
34	Tilting the balance between RNA interference and replication eradicates <i>Leishmania</i> RNA virus 1 and mitigates the inflammatory response. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11998-12005.	7.1	46
35	A <i>Narnavirus</i> -Like Element from the Trypanosomatid Protozoan Parasite <i>Leptomonas seymouri</i>. Genome Announcements, 2016, 4, .	0.8	29
36	Base J represses genes at the end of polycistronic gene clusters in Leishmania major by promoting RNAP II termination. Molecular Microbiology, 2016, 101, 559-574.	2.5	18

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37	Association of the Endobiont Double-Stranded RNA Virus LRV1 With Treatment Failure for Human Leishmaniasis Caused by<i>Leishmania braziliensis</i>in Peru and Bolivia. Journal of Infectious Diseases, 2016, 213, 112-121.	4.0	114
38	Atypical Manifestations of Cutaneous Leishmaniasis in a Region Endemic for Leishmania braziliensis: Clinical, Immunological and Parasitological Aspects. PLoS Neglected Tropical Diseases, 2016, 10, e0005100.	3.0	54
39	Leishmaniavirus-Dependent Metastatic Leishmaniasis Is Prevented by Blocking IL-17A. PLoS Pathogens, 2016, 12, e1005852.	4.7	58
40	Differential Impact of LPG-and PG-Deficient Leishmania major Mutants on the Immune Response of Human Dendritic Cells. PLoS Neglected Tropical Diseases, 2015, 9, e0004238.	3.0	20
41	Comparative genomic analysis of Leishmania (Viannia) peruviana and Leishmania (Viannia) braziliensis. BMC Genomics, 2015, 16, 715.	2.8	54
42	CRISPR for Cryptosporidium. Nature, 2015, 523, 413-414.	27.8	10
43	REDHORSE-REcombination and Double crossover detection in Haploid Organisms using next-geneRation SEquencing data. BMC Genomics, 2015, 16, 133.	2.8	5
44	Uncovering Leishmaniaâ€“macrophage interplay using imaging flow cytometry. Journal of Immunological Methods, 2015, 423, 93-98.	1.4	27
45	Evaluation of Î±,Î²-Unsaturated Ketones as Antileishmanial Agents. Antimicrobial Agents and Chemotherapy, 2015, 59, 3598-3601.	3.2	2
46	Immunomodulatory and Antileishmanial Activity of Phenylpropanoid Dimers Isolated from <i>Nectandra leucantha</i>. Journal of Natural Products, 2015, 78, 653-657.	3.0	58
47	A Transposon-Based Tool for Transformation and Mutagenesis in Trypanosomatid Protozoa. Methods in Molecular Biology, 2015, 1201, 235-245.	0.9	0
48	Differential Induction of TLR3-Dependent Innate Immune Signaling by Closely Related Parasite Species. PLoS ONE, 2014, 9, e88398.	2.5	57
49	Therapeutic Efficacy of Stable Analogues of Vasoactive Intestinal Peptide against Pathogens. Journal of Biological Chemistry, 2014, 289, 14583-14599.	3.4	37
50	Leishmania aethiopica Field Isolates Bearing an Endosymbiontic dsRNA Virus Induce Pro-inflammatory Cytokine Response. PLoS Neglected Tropical Diseases, 2014, 8, e2836.	3.0	79
51	Cross-species genetic exchange between visceral and cutaneous strains of <i>Leishmania</i> in the sand fly vector. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16808-16813.	7.1	76
52	Multipleâ€stage linear ionâ€trap with high resolution mass spectrometry towards complete structural characterization of phosphatidylethanolamines containing cyclopropane fatty acyl chain in <i>Leishmania infantum</i>. Journal of Mass Spectrometry, 2014, 49, 201-209.	1.6	23
53	The immunological, environmental, and phylogenetic perpetrators of metastatic leishmaniasis. Trends in Parasitology, 2014, 30, 412-422.	3.3	72
54	Kinetoplastid-specific histone variant functions are conserved in Leishmania major. Molecular and Biochemical Parasitology, 2013, 191, 53-57.	1.1	37

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55	Protective Role of the Neuropeptide Urocortin II against Experimental Sepsis and Leishmaniasis by Direct Killing of Pathogens. Journal of Immunology, 2013, 191, 6040-6051.	0.8	17
56	An alternative in vitro drug screening test using Leishmania amazonensis transfected with red fluorescent protein. Diagnostic Microbiology and Infectious Disease, 2013, 75, 282-291.	1.8	44
57	â€˜Transientâ€™ genetic suppression facilitates generation of hexose transporter null mutants in <i><scp>L</scp>eishmania mexicana</i>. Molecular Microbiology, 2013, 87, 412-429.	2.5	9
58	The structure and repertoire of small interfering <scp>RNAs</scp> in <scp><i>L</i></scp><i>eishmania (</i><scp><i>V</i></scp><i>iannia) braziliensis</i> reveal diversification in the trypanosomatid <scp>RNAi</scp> pathway. Molecular Microbiology, 2013, 87, 580-593.	2.5	24
59	Parasite-Derived Arginase Influences Secondary Anti-<i>Leishmania</i>Immunity by Regulating Programmed Cell Death-1â€"Mediated CD4+ T Cell Exhaustion. Journal of Immunology, 2013, 190, 3380-3389.	0.8	55
60	The Mating Competence of Geographically Diverse Leishmania major Strains in Their Natural and Unnatural Sand Fly Vectors. PLoS Genetics, 2013, 9, e1003672.	3.5	92
61	Unusual Galactofuranose Modification of a Capsule Polysaccharide in the Pathogenic Yeast Cryptococcus neoformans. Journal of Biological Chemistry, 2013, 288, 10994-11003.	3.4	32
62	Detection of Leishmania RNA Virus in Leishmania Parasites. PLoS Neglected Tropical Diseases, 2013, 7, e2006.	3.0	89
63	Deficiency of Leishmania Phosphoglycans Influences the Magnitude but Does Not Affect the Quality of Secondary (Memory) Anti-Leishmania Immunity. PLoS ONE, 2013, 8, e66058.	2.5	6
64	Innate Immune Activation and Subversion of Mammalian Functions by<i>Leishmania</i>Lipophosphoglycan. Journal of Parasitology Research, 2012, 2012, 1-11.	1.2	40
65	Leishmanicidal Activity of Two Naphthoquinones against <i>Leishmania donovani</i>. Biological and Pharmaceutical Bulletin, 2012, 35, 1761-1764.	1.4	26
66	Killed but Metabolically Active Leishmania infantum as a Novel Whole-Cell Vaccine for Visceral Leishmaniasis. Vaccine Journal, 2012, 19, 490-498.	3.1	31
67	Leishmania amazonensis Arginase Compartmentalization in the Glycosome Is Important for Parasite Infectivity. PLoS ONE, 2012, 7, e34022.	2.5	89
68	Leishmania RNA virus: when the host pays the toll. Frontiers in Cellular and Infection Microbiology, 2012, 2, 99.	3.9	118
69	The Association of Leishmania RNA Viruses with metastatic or mucocutaneous Leishmaniasis in South America. FASEB Journal, 2012, 26, 801.4.	0.5	0
70	<i>Leishmania</i> RNA Virus Controls the Severity of Mucocutaneous Leishmaniasis. Science, 2011, 331, 775-778.	12.6	344
71	Remodeling of protein and mRNA expression in Leishmania mexicana induced by deletion of glucose transporter genes. Molecular and Biochemical Parasitology, 2011, 175, 39-48.	1.1	8
72	Phenylalanine hydroxylase (PAH) from the lower eukaryote Leishmania major. Molecular and Biochemical Parasitology, 2011, 175, 58-67.	1.1	15

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73	Muco-cutaneous leishmaniasis in the New World. Virulence, 2011, 2, 547-552.	4.4	44
74	Differential Microbicidal Effects of Human Histone Proteins H2A and H2B on <i>Leishmania</i> Promastigotes and Amastigotes. Infection and Immunity, 2011, 79, 1124-1133.	2.2	63
75	Folate metabolic pathways in <i>Leishmania</i>. Essays in Biochemistry, 2011, 51, 63-80.	4.7	93
76	The Susceptibility of Trypanosomatid Pathogens to PI3/mTOR Kinase Inhibitors Affords a New Opportunity for Drug Repurposing. PLoS Neglected Tropical Diseases, 2011, 5, e1297.	3.0	70
77	In vivo Imaging of Transgenic Leishmania Parasites in a Live Host. Journal of Visualized Experiments, 2010, , .	0.3	51
78	A transposon toolkit for gene transfer and mutagenesis in protozoan parasites. Genetica, 2010, 138, 301-311.	1.1	21
79	Phospholipid and sphingolipid metabolism in Leishmania. Molecular and Biochemical Parasitology, 2010, 170, 55-64.	1.1	119
80	Monitoring the efficacy of antimicrobial photodynamic therapy in a murine model of cutaneous leishmaniasis using <i>L. major</i> expressing GFP. Journal of Biophotonics, 2010, 3, 328-335.	2.3	17
81	Proteophosphoglycan confers resistance of Leishmania major to midgut digestive enzymes induced by blood feeding in vector sand flies. Cellular Microbiology, 2010, 12, 906-918.	2.1	45
82	Identification of Transport-critical Residues in a Folate Transporter from the Folate-Biopterin Transporter (FBT) Family. Journal of Biological Chemistry, 2010, 285, 2867-2875.	3.4	22
83	Deletion of UDP-glucose pyrophosphorylase reveals a UDP-glucose independent UDP-galactose salvage pathway in Leishmania major. Glycobiology, 2010, 20, 872-882.	2.5	18
84	A role for tetrahydrofolates in the metabolism of iron-sulfur clusters in all domains of life. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10412-10417.	7.1	81
85	Expansion of the target of rapamycin (TOR) kinase family and function in <i>Leishmania</i> shows that <i>TOR3</i> is required for acidocalcisome biogenesis and animal infectivity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11965-11970.	7.1	78
86	Phosphoproteome dynamics reveal heat-shock protein complexes specific to the <i>Leishmania donovani</i> infectious stage. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8381-8386.	7.1	129
87	Retention and Loss of RNA Interference Pathways in Trypanosomatid Protozoans. PLoS Pathogens, 2010, 6, e1001161.	4.7	194
88	Leishmania major Survival in Selective Phlebotomus papatasi Sand Fly Vector Requires a Specific SCG-Encoded Lipophosphoglycan Galactosylation Pattern. PLoS Pathogens, 2010, 6, e1001185.	4.7	41
89	Sphingolipids in Parasitic Protozoa. Advances in Experimental Medicine and Biology, 2010, 688, 238-248.	1.6	35
90	Leishmania major Glycosylation Mutants Require Phosphoglycans (lpg2âˆ’) but Not Lipophosphoglycan (lpg1âˆ’) for Survival in Permissive Sand Fly Vectors. PLoS Neglected Tropical Diseases, 2010, 4, e580.	3.0	57

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91	Sequence and biochemical characterization of equilibrative nucleoside transporters from Crithidia fasciculata : seeking ligand binding residues. FASEB Journal, 2010, 24, 699.1.	0.5	0
92	Regulated expression of the Leishmania major surface virulence factor lipophosphoglycan using conditionally destabilized fusion proteins. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7583-7588.	7.1	69
93	Infection with Arginase-Deficient<i>Leishmania major</i>Reveals a Parasite Number-Dependent and Cytokine-Independent Regulation of Host Cellular Arginase Activity and Disease Pathogenesis. Journal of Immunology, 2009, 183, 8068-8076.	0.8	61
94	Inoculation of killed <i>Leishmania major</i> into immune mice rapidly disrupts immunity to a secondary challenge via IL-10-mediated process. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13951-13956.	7.1	40
95	A Novel Role for Stat1 in Phagosome Acidification and Natural Host Resistance to Intracellular Infection by Leishmania major. PLoS Pathogens, 2009, 5, e1000381.	4.7	40
96	Degradation of Host Sphingomyelin Is Essential for Leishmania Virulence. PLoS Pathogens, 2009, 5, e1000692.	4.7	64
97	<i>Leishmania major</i>Phosphoglycans Influence the Host Early Immune Response by Modulating Dendritic Cell Functions. Infection and Immunity, 2009, 77, 3272-3283.	2.2	46
98	Leishmania major lacking arginase (ARG) are auxotrophic for polyamines but retain infectivity to susceptible BALB/c mice. Molecular and Biochemical Parasitology, 2009, 165, 48-56.	1.1	78
99	The enzymes of the 10-formyl-tetrahydrofolate synthetic pathway are found exclusively in the cytosol of the trypanosomatid parasite Leishmania major. Molecular and Biochemical Parasitology, 2009, 166, 142-152.	1.1	11
100	Leishmania donovani lacking the Golgi GDP-Man transporter LPG2 exhibit attenuated virulence in mammalian hosts. Experimental Parasitology, 2009, 122, 182-191.	1.2	51
101	PTR1-dependent synthesis of tetrahydrobiopterin contributes to oxidant susceptibility in the trypanosomatid protozoan parasite Leishmania major. Current Genetics, 2009, 55, 287-299.	1.7	30
102	Amplification of an alternate transporter gene suppresses the avirulent phenotype of glucose transporter null mutants in <i>Leishmania mexicana</i>. Molecular Microbiology, 2009, 71, 369-381.	2.5	20
103	Methylene tetrahydrofolate dehydrogenase/cyclohydrolase and the synthesis of 10â€CHOâ€THF are essential in <i>Leishmania major</i>. Molecular Microbiology, 2009, 71, 1386-1401.	2.5	52
104	Demonstration of Genetic Exchange During Cyclical Development of <i>Leishmania</i> in the Sand Fly Vector. Science, 2009, 324, 265-268.	12.6	295
105	Developmentally regulated sphingolipid synthesis in African trypanosomes. Molecular Microbiology, 2008, 70, 281-296.	2.5	80
106	Leishmania major intracellular survival is not altered in SHP-1 deficient mev or CD45â^'/â^' mice. Experimental Parasitology, 2008, 120, 275-279.	1.2	12
107	Phylogenomic and Functional Analysis of Pterin-4a-Carbinolamine Dehydratase Family (COG2154) Proteins in Plants and Microorganisms Â Â. Plant Physiology, 2008, 146, 1515-1527.	4.8	33
108	Migratory Dermal Dendritic Cells Act as Rapid Sensors of Protozoan Parasites. PLoS Pathogens, 2008, 4, e1000222.	4.7	213

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109	The Role of the Mitochondrial Glycine Cleavage Complex in the Metabolism and Virulence of the Protozoan Parasite Leishmania major. Journal of Biological Chemistry, 2008, 283, 155-165.	3.4	32
110	Two Functionally Divergent UDP-Gal Nucleotide Sugar Transporters Participate in Phosphoglycan Synthesis in Leishmania major*. Journal of Biological Chemistry, 2007, 282, 14006-14017.	3.4	57
111	Comparisons of Mutants Lacking the Golgi UDP-Galactose or GDP-Mannose Transporters Establish that Phosphoglycans Are Important for Promastigote but Not Amastigote Virulence in <i>Leishmania major</i>. Infection and Immunity, 2007, 75, 4629-4637.	2.2	50
112	A lipophosphoglycan-independent development of Leishmania in permissive sand flies. Microbes and Infection, 2007, 9, 317-324.	1.9	90
113	Characterization of inositol phosphorylceramides from Leishmania major by tandem mass spectrometry with electrospray ionization. Journal of the American Society for Mass Spectrometry, 2007, 18, 1591-1604.	2.8	69
114	Redirection of sphingolipid metabolism toward de novo synthesis of ethanolamine in Leishmania. EMBO Journal, 2007, 26, 1094-1104.	7.8	108
115	Genomic organization and expression of the expanded SCG/L/R gene family of Leishmania major: Internal clusters and telomeric localization of SCGs mediating species-specific LPG modifications. Molecular and Biochemical Parasitology, 2006, 146, 231-241.	1.1	28
116	Demonstration by heterologous expression that the Leishmania SCA1 gene encodes an arabinopyranosyltransferase. Glycobiology, 2006, 16, 230-236.	2.5	9
117	Immunization with Persistent Attenuated Î”lpg2 Leishmania major Parasites Requires Adjuvant To Provide Protective Immunity in C57BL/6 Mice. Infection and Immunity, 2006, 74, 777-780.	2.2	33
118	Biochemical and Genetic Analysis of Methylenetetrahydrofolate Reductase in Leishmania Metabolism and Virulence*. Journal of Biological Chemistry, 2006, 281, 38150-38158.	3.4	22
119	Leishmania salvage and remodelling of host sphingolipids in amastigote survival and acidocalcisome biogenesis. Molecular Microbiology, 2005, 55, 1566-1578.	2.5	101
120	Identification of a DNA fragment that increases mitotic stability of episomal linear DNAs in Leishmania major. International Journal for Parasitology, 2005, 35, 973-980.	3.1	3
121	Eukaryotic UDP-Galactopyranose Mutase (GLF Gene) in Microbial and Metazoal Pathogens. Eukaryotic Cell, 2005, 4, 1147-1154.	3.4	120
122	Reconstitution of GDP-mannose Transport Activity with Purified Leishmania LPG2 Protein in Liposomes. Journal of Biological Chemistry, 2005, 280, 2028-2035.	3.4	35
123	The Genome of the Kinetoplastid Parasite, Leishmania major. Science, 2005, 309, 436-442.	12.6	1,237
124	Structures of Leishmania major Pteridine Reductase Complexes Reveal the Active Site Features Important for Ligand Binding and to Guide Inhibitor Design. Journal of Molecular Biology, 2005, 352, 105-116.	4.2	70
125	In Vitro Shuttle Mutagenesis Using Engineered Mariner Transposons. , 2004, 270, 299-318.		7
126	The Application of Gene Expression Microarray Technology to Kinetoplastid Research. Current Molecular Medicine, 2004, 4, 611-621.	1.3	40

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127	Characterization of a Defensin from the Sand Fly Phlebotomus duboscqi Induced by Challenge with Bacteria or the Protozoan Parasite Leishmania major. Infection and Immunity, 2004, 72, 7140-7146.	2.2	137
128	Identification of a Compensatory Mutant (lpg2 â^' REV) of Leishmania major Able To Survive as Amastigotes within Macrophages without LPG2 -Dependent Glycoconjugates and Its Significance to Virulence and Immunization Strategies. Infection and Immunity, 2004, 72, 3622-3627.	2.2	61
129	Central memory T cells mediate long-term immunity to Leishmania major in the absence of persistent parasites. Nature Medicine, 2004, 10, 1104-1110.	30.7	306
130	The LPG1 gene family of Leishmania major. Molecular and Biochemical Parasitology, 2004, 136, 11-23.	1.1	43
131	Expression profiling using random genomic DNA microarrays identifies differentially expressed genes associated with three major developmental stages of the protozoan parasite Leishmania major. Molecular and Biochemical Parasitology, 2004, 136, 71-86.	1.1	109
132	Vaccination with Phosphoglycan-Deficient <i>Leishmania major</i> Protects Highly Susceptible Mice from Virulent Challenge without Inducing a Strong Th1 Response. Journal of Immunology, 2004, 172, 3793-3797.	0.8	120
133	Flypaper for Parasites. Cell, 2004, 119, 311-312.	28.9	7
134	Sphingolipids are essential for differentiation but not growth in Leishmania. EMBO Journal, 2003, 22, 6016-6026.	7.8	107
135	Improvements in transfection efficiency and tests of RNA interference (RNAi) approaches in the protozoan parasite Leishmania. Molecular and Biochemical Parasitology, 2003, 128, 217-228.	1.1	247
136	An in vitro system for developmental and genetic studies of Leishmania donovani phosphoglycans. Molecular and Biochemical Parasitology, 2003, 130, 31-42.	1.1	163
137	Functional genetic identification of PRP1, an ABC transporter superfamily member conferring pentamidine resistance in Leishmania major. Molecular and Biochemical Parasitology, 2003, 130, 83-90.	1.1	114
138	The H region HTBF gene mediates terbinafine resistance in Leishmania major. Molecular and Biochemical Parasitology, 2003, 131, 77-81.	1.1	17
139	Protozomics: trypanosomatid parasite genetics comes of age. Nature Reviews Genetics, 2003, 4, 11-19.	16.3	123
140	Persistence Without Pathology in Phosphoglycan-Deficient Leishmania major. Science, 2003, 301, 1241-1243.	12.6	164
141	Ether Phospholipids and Glycosylinositolphospholipids Are Not Required for Amastigote Virulence or for Inhibition of Macrophage Activation by Leishmania major. Journal of Biological Chemistry, 2003, 278, 44708-44718.	3.4	92
142	Identification of Genes Encoding Arabinosyltransferases (SCA) Mediating Developmental Modifications of Lipophosphoglycan Required for Sand Fly Transmission of Leishmania major. Journal of Biological Chemistry, 2003, 278, 28840-28848.	3.4	35
143	Functional Identification of Galactosyltransferases (SCGs) Required for Species-specific Modifications of the Lipophosphoglycan Adhesin Controlling Leishmania major-Sand Fly Interactions. Journal of Biological Chemistry, 2003, 278, 15523-15531.	3.4	36
144	Transposon Mutagenesis of<i>Mycobacterium marinum</i>Identifies a Locus Linking Pigmentation and Intracellular Survival. Infection and Immunity, 2003, 71, 922-929.	2.2	83

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145	The role(s) of lipophosphoglycan (LPG) in the establishment of Leishmania major infections in mammalian hosts. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9536-9541.	7.1	239
146	A Molecular Docking Strategy Identifies Eosin B as a Non-active Site Inhibitor of Protozoal Bifunctional Thymidylate Synthase-Dihydrofolate Reductase. Journal of Biological Chemistry, 2003, 278, 14092-14100.	3.4	22
147	Genetic and genomic approaches to the analysis of Leishmania virulence. , 2003, , 111-122.		5
148	Characterization of quinonoid-Dihydropteridine Reductase (QDPR) from the Lower Eukaryote Leishmania major. Journal of Biological Chemistry, 2002, 277, 38245-38253.	3.4	30
149	Putting the Leishmania genome to work: functional genomics by transposon trapping and expression profiling. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 47-53.	4.0	27
150	Non-pathogenic trypanosomatid protozoa as a platform for protein research and production. Protein Expression and Purification, 2002, 25, 209-218.	1.3	142
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