

Peter John Myler

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227
papers

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236
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11,137
ext. citations

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L-index

#	Paper	IF	Citations
227	The genome of the kinetoplastid parasite, <i>Leishmania major</i> . <i>Science</i> , 2005 , 309, 436-42	33.3	1101
226	The genome sequence of <i>Trypanosoma cruzi</i> , etiologic agent of Chagas disease. <i>Science</i> , 2005 , 309, 409-15	33.3	1085
225	TriTrypDB: a functional genomic resource for the Trypanosomatidae. <i>Nucleic Acids Research</i> , 2010 , 38, D457-62	20.1	625
224	Comparative genomics of trypanosomatid parasitic protozoa. <i>Science</i> , 2005 , 309, 404-9	33.3	614
223	Biological and structural characterization of a host-adapting amino acid in influenza virus. <i>PLoS Pathogens</i> , 2010 , 6, e1001034	7.6	245
222	Transcription of <i>Leishmania major</i> Friedlin chromosome 1 initiates in both directions within a single region. <i>Molecular Cell</i> , 2003 , 11, 1291-9	17.6	213
221	<i>Leishmania major</i> Friedlin chromosome 1 has an unusual distribution of protein-coding genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 2902-6	11.5	208
220	GeneDB--an annotation database for pathogens. <i>Nucleic Acids Research</i> , 2012 , 40, D98-108	20.1	186
219	Heterologous expression of proteins from <i>Plasmodium falciparum</i> : results from 1000 genes. <i>Molecular and Biochemical Parasitology</i> , 2006 , 148, 144-60	1.9	155
218	A comprehensive analysis of <i>Trypanosoma brucei</i> mitochondrial proteome. <i>Proteomics</i> , 2009 , 9, 434-50	4.8	138
217	Patterns of gene recombination shape var gene repertoires in <i>Plasmodium falciparum</i> : comparisons of geographically diverse isolates. <i>BMC Genomics</i> , 2007 , 8, 45	4.5	137
216	Transcription initiation and termination on <i>Leishmania major</i> chromosome 3. <i>Eukaryotic Cell</i> , 2004 , 3, 506-17		123
215	Analysis of the <i>Leishmania donovani</i> transcriptome reveals an ordered progression of transient and permanent changes in gene expression during differentiation. <i>Molecular and Biochemical Parasitology</i> , 2007 , 152, 53-65	1.9	122
214	Widespread variation in transcript abundance within and across developmental stages of <i>Trypanosoma brucei</i> . <i>BMC Genomics</i> , 2009 , 10, 482	4.5	116
213	Multiple levels of gene regulation mediate differentiation of the intracellular pathogen <i>Leishmania</i> . <i>FASEB Journal</i> , 2011 , 25, 515-25	0.9	116
212	Mitochondrial complexes in <i>Trypanosoma brucei</i> : a novel complex and a unique oxidoreductase complex. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 534-45	7.6	112
211	Glucosylated hydroxymethyluracil, DNA base J, prevents transcriptional readthrough in <i>Leishmania</i> . <i>Cell</i> , 2012 , 150, 909-21	56.2	109

210	Histone acetylations mark origins of polycistronic transcription in <i>Leishmania major</i> . <i>BMC Genomics</i> , 2009 , 10, 152	4.5	97
209	Iron uptake controls the generation of <i>Leishmania</i> infective forms through regulation of ROS levels. <i>Journal of Experimental Medicine</i> , 2013 , 210, 401-16	16.6	95
208	Combining functional and structural genomics to sample the essential <i>Burkholderia</i> structome. <i>PLoS ONE</i> , 2013 , 8, e53851	3.7	93
207	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	4.8	92
206	Post-translational modification of cellular proteins during <i>Leishmania donovani</i> differentiation. <i>Proteomics</i> , 2008 , 8, 1843-50	4.8	92
205	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, 35508-15	5.4	87
204	Small RNAs derived from tRNAs and rRNAs are highly enriched in exosomes from both old and new world <i>Leishmania</i> providing evidence for conserved exosomal RNA Packaging. <i>BMC Genomics</i> , 2015 , 16, 151	4.5	86
203	<i>Trypanosoma brucei</i> mitochondrial ribosomes: affinity purification and component identification by mass spectrometry. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 1286-96	7.6	86
202	Gene synteny and evolution of genome architecture in trypanosomatids. <i>Molecular and Biochemical Parasitology</i> , 2004 , 134, 183-91	1.9	83
201	Genetic nomenclature for <i>Trypanosoma</i> and <i>Leishmania</i> . <i>Molecular and Biochemical Parasitology</i> , 1998 , 97, 221-4	1.9	81
200	Increasing the structural coverage of tuberculosis drug targets. <i>Tuberculosis</i> , 2015 , 95, 142-8	2.6	80
199	Extensive stage-regulation of translation revealed by ribosome profiling of <i>Trypanosoma brucei</i> . <i>BMC Genomics</i> , 2014 , 15, 911	4.5	80
198	<i>Leishmania major</i> chromosome 3 contains two long convergent polycistronic gene clusters separated by a tRNA gene. <i>Nucleic Acids Research</i> , 2004 , 32, 6716-6716	20.1	78
197	Two mechanisms of expression of a predominant variant antigen gene of <i>Trypanosoma brucei</i> . <i>Nature</i> , 1984 , 309, 282-4	50.4	76
196	Evaluation of differential gene expression in <i>Leishmania major</i> Friedlin procyclics and metacyclics using DNA microarray analysis. <i>Molecular and Biochemical Parasitology</i> , 2003 , 129, 103-14	1.9	75
195	<i>Trypanosoma brucei</i> minicircles encode multiple guide RNAs which can direct editing of extensively overlapping sequences. <i>Nucleic Acids Research</i> , 1993 , 21, 4313-20	20.1	69
194	A novel active DNA topoisomerase I in <i>Leishmania donovani</i> . <i>Journal of Biological Chemistry</i> , 2003 , 278, 3521-6	5.4	68
193	Genetic analysis of <i>Leishmania donovani</i> tropism using a naturally attenuated cutaneous strain. <i>PLoS Pathogens</i> , 2014 , 10, e1004244	7.6	67

192	The Leishmania donovani LD1 locus gene ORFG encodes a biopterin transporter (BT1). <i>Molecular and Biochemical Parasitology</i> , 1999 , 104, 93-105	1.9	62
191	SAD phasing using iodide ions in a high-throughput structural genomics environment. <i>Journal of Structural and Functional Genomics</i> , 2011 , 12, 83-95		61
190	Using fragment cocktail crystallography to assist inhibitor design of Trypanosoma brucei nucleoside 2-deoxyribosyltransferase. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 5939-46	8.3	59
189	Leishmania major chromosome 3 contains two long convergent polycistronic gene clusters separated by a tRNA gene. <i>Nucleic Acids Research</i> , 2003 , 31, 4201-10	20.1	59
188	(TAA) _n within sequences flanking several intrachromosomal variant surface glycoprotein genes in Trypanosoma brucei. <i>Nucleic Acids Research</i> , 1985 , 13, 3161-77	20.1	57
187	Association of guide RNA binding protein gBP21 with active RNA editing complexes in Trypanosoma brucei. <i>Molecular and Cellular Biology</i> , 1998 , 18, 6014-22	4.8	56
186	An Arginine Deprivation Response Pathway Is Induced in Leishmania during Macrophage Invasion. <i>PLoS Pathogens</i> , 2016 , 12, e1005494	7.6	56
185	Regulation dynamics of Leishmania differentiation: deconvoluting signals and identifying phosphorylation trends. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 1787-99	7.6	51
184	Lysyl-tRNA synthetase as a drug target in malaria and cryptosporidiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7015-7020	11.5	50
183	Metabolic reprogramming during purine stress in the protozoan pathogen Leishmania donovani. <i>PLoS Pathogens</i> , 2014 , 10, e1003938	7.6	50
182	Structural genomics of infectious disease drug targets: the SSGCID. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011 , 67, 979-84		47
181	Genomic organization and functional characterization of the Leishmania major Friedlin ribosomal RNA gene locus. <i>Molecular and Biochemical Parasitology</i> , 2001 , 116, 147-57	1.9	47
180	Structural organization of the maxicircle variable region of Trypanosoma brucei: identification of potential replication origins and topoisomerase II binding sites. <i>Nucleic Acids Research</i> , 1993 , 21, 687-94	20.1	46
179	Editing of Trypanosoma brucei maxicircle CR5 mRNA generates variable carboxy terminal predicted protein sequences. <i>Nucleic Acids Research</i> , 1994 , 22, 1489-95	20.1	46
178	Recent developments from the Leishmania genome project. <i>Current Opinion in Microbiology</i> , 2000 , 3, 412-6	7.9	45
177	Cloning, heterologous expression, and substrate specificities of protein farnesyltransferases from Trypanosoma cruzi and Leishmania major. <i>Molecular and Biochemical Parasitology</i> , 2002 , 122, 181-8	1.9	44
176	Xanthine phosphoribosyltransferase from Leishmania donovani. Molecular cloning, biochemical characterization, and genetic analysis. <i>Journal of Biological Chemistry</i> , 1999 , 274, 34403-10	5.4	44
175	Trypanosoma brucei mitochondrial CR4 gene encodes an extensively edited mRNA with completely edited sequence only in bloodstream forms. <i>Molecular and Biochemical Parasitology</i> , 1994 , 64, 65-74	1.9	44

174	The size difference between leishmania major friedlin chromosome one homologues is localized to sub-telomeric repeats at one chromosomal end. <i>Molecular and Biochemical Parasitology</i> , 2000 , 109, 1-15	1.9	43
173	A DNA sequence (LD1) which occurs in several genomic organizations in Leishmania. <i>Molecular and Biochemical Parasitology</i> , 1991 , 47, 151-6	1.9	43
172	Telomere and subtelomere of Trypanosoma cruzi chromosomes are enriched in (pseudo)genes of retrotransposon hot spot and trans-sialidase-like gene families: the origins of T. cruzi telomeres. <i>Gene</i> , 2005 , 346, 153-61	3.8	42
171	Shotgun optical mapping of the entire Leishmania major Friedlin genome. <i>Molecular and Biochemical Parasitology</i> , 2004 , 138, 97-106	1.9	41
170	Glyoxalase I from Leishmania donovani: a potential target for anti-parasite drug. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 337, 1237-48	3.4	39
169	Cathepsin B-like cysteine proteases and Caenorhabditis elegans homologues dominate gene products expressed in adult Haemonchus contortus intestine. <i>Molecular and Biochemical Parasitology</i> , 2001 , 116, 159-69	1.9	39
168	Distribution and sequence divergence of LRV1 viruses among different Leishmania species. <i>Molecular and Biochemical Parasitology</i> , 1992 , 54, 101-4	1.9	39
167	The two ATPase 6 mRNAs of Leishmania tarentolae differ at their 3' ends. <i>Molecular and Biochemical Parasitology</i> , 1991 , 48, 139-49	1.9	38
166	Tetracycline regulated gene expression in Leishmania donovani. <i>Molecular and Biochemical Parasitology</i> , 2001 , 112, 61-9	1.9	34
165	Structural genomics of pathogenic protozoa: an overview. <i>Methods in Molecular Biology</i> , 2008 , 426, 497-513	3.1	34
164	Immunization with recombinant LD1 antigens protects against experimental leishmaniasis. <i>Vaccine</i> , 2000 , 19, 423-30	4.1	33
163	Characterization of the RNA polymerase II and III complexes in Leishmania major. <i>International Journal for Parasitology</i> , 2007 , 37, 491-502	4.3	32
162	Quantitation of RNA editing substrates, products and potential intermediates: implications for developmental regulation. <i>Nucleic Acids Research</i> , 1995 , 23, 708-12	20.1	32
161	Structure of a Burkholderia pseudomallei trimeric autotransporter adhesin head. <i>PLoS ONE</i> , 2010 , 5, e12803	3.7	31
160	A multicopy, extrachromosomal DNA in Leishmania infantum contains two inverted repeats of the 27.5-kilobase LD1 sequence and encodes numerous transcripts. <i>Molecular and Biochemical Parasitology</i> , 1992 , 55, 39-50	1.9	31
159	Ploidy changes associated with disruption of two adjacent genes on Leishmania major chromosome 1. <i>International Journal for Parasitology</i> , 2005 , 35, 419-29	4.3	30
158	The Leishmania genome project: new insights into gene organization and function. <i>Medical Microbiology and Immunology</i> , 2001 , 190, 9-12	4	30
157	Cloning and characterization of Leishmania donovani telomeres. <i>Experimental Parasitology</i> , 2000 , 94, 248-58	2.1	30

156	The role of medical structural genomics in discovering new drugs for infectious diseases. <i>PLoS Computational Biology</i> , 2009 , 5, e1000530	5	29
155	Integrative analysis of the <i>Trypanosoma brucei</i> gene expression cascade predicts differential regulation of mRNA processing and unusual control of ribosomal protein expression. <i>BMC Genomics</i> , 2016 , 17, 306	4.5	28
154	Biochemical and Structural Characterization of Selective Allosteric Inhibitors of the <i>Plasmodium falciparum</i> Drug Target, Prolyl-tRNA-synthetase. <i>ACS Infectious Diseases</i> , 2017 , 3, 34-44	5.5	28
153	Characterization of the <i>Leishmania donovani</i> ribosomal RNA promoter. <i>Molecular and Biochemical Parasitology</i> , 1999 , 103, 197-210	1.9	28
152	An amplified DNA element in <i>Leishmania</i> encodes potential integral membrane and nucleotide-binding proteins. <i>Molecular and Biochemical Parasitology</i> , 1994 , 66, 11-20	1.9	28
151	The <i>Rickettsia</i> type IV secretion system: unrealized complexity mired by gene family expansion. <i>Pathogens and Disease</i> , 2016 , 74,	4.2	27
150	Solution structure of Rv2377c-founding member of the MbtH-like protein family. <i>Tuberculosis</i> , 2010 , 90, 245-51	2.6	27
149	Searching the <i>Trityp</i> genomes for drug targets. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 625, 133-40	3.6	27
148	Crystal structure of glyceraldehyde-3-phosphate dehydrogenase from <i>Plasmodium falciparum</i> at 2.25 Å resolution reveals intriguing extra electron density in the active site. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006 , 62, 570-7	4.2	27
147	Structural Insight into How Bacteria Prevent Interference between Multiple Divergent Type IV Secretion Systems. <i>MBio</i> , 2015 , 6, e01867-15	7.8	25
146	A frequently amplified region in <i>Leishmania</i> contains a gene conserved in prokaryotes and eukaryotes. <i>Gene</i> , 1994 , 148, 187-93	3.8	25
145	Genomic organization and expression of the expanded SCG/L/R gene family of <i>Leishmania major</i> : internal clusters and telomeric localization of SCGs mediating species-specific LPG modifications. <i>Molecular and Biochemical Parasitology</i> , 2006 , 146, 231-41	1.9	24
144	Early expression of a <i>Trypanosoma brucei</i> VSG gene duplicated from an incomplete basic copy. <i>Journal of Eukaryotic Microbiology</i> , 1994 , 41, 71-8	3.6	23
143	A low-background inducible promoter system in <i>Leishmania donovani</i> . <i>Molecular and Biochemical Parasitology</i> , 2002 , 119, 217-23	1.9	22
142	Gene organization and sequence analyses of transfer RNA genes in Trypanosomatid parasites. <i>BMC Genomics</i> , 2009 , 10, 232	4.5	21
141	Genomic organization and gene expression in a chromosomal region of <i>Leishmania major</i> . <i>Molecular and Biochemical Parasitology</i> , 2004 , 134, 233-43	1.9	21
140	Structure of an ADP-ribosylation factor, ARF1, from <i>Entamoeba histolytica</i> bound to Mg(2+)-GDP. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015 , 71, 594-9	1.1	20
139	Tyrosine aminotransferase from <i>Leishmania infantum</i> : A new drug target candidate. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014 , 4, 347-54	4	20

138	Crystal structure of <i>Toxoplasma gondii</i> porphobilinogen synthase: insights on octameric structure and porphobilinogen formation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 15298-307	5.4	20
137	A survey of <i>Leishmania braziliensis</i> genome by shotgun sequencing. <i>Molecular and Biochemical Parasitology</i> , 2004 , 137, 81-6	1.9	20
136	Defining the sequence requirements for the positioning of base J in DNA using SMRT sequencing. <i>Nucleic Acids Research</i> , 2015 , 43, 2102-15	20.1	19
135	Kinetoplastid-specific histone variant functions are conserved in <i>Leishmania major</i> . <i>Molecular and Biochemical Parasitology</i> , 2013 , 191, 53-7	1.9	19
134	Leveraging structure determination with fragment screening for infectious disease drug targets: MECP synthase from <i>Burkholderia pseudomallei</i> . <i>Journal of Structural and Functional Genomics</i> , 2011 , 12, 63-76		19
133	X-ray structure determination of the glycine cleavage system protein H of <i>Mycobacterium tuberculosis</i> using an inverse Compton synchrotron X-ray source. <i>Journal of Structural and Functional Genomics</i> , 2010 , 11, 91-100		19
132	Multiplexed Spliced-Leader Sequencing: A high-throughput, selective method for RNA-seq in Trypanosomatids. <i>Scientific Reports</i> , 2017 , 7, 3725	4.9	18
131	Tb927.10.6900 encodes the glucosyltransferase involved in synthesis of base J in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2014 , 196, 9-11	1.9	18
130	Wheat germ cell-free expression system as a pathway to improve protein yield and solubility for the SSGCID pipeline. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011 , 67, 1027-31		18
129	Crystal structures and proposed structural/functional classification of three protozoan proteins from the isochorismatase superfamily. <i>Protein Science</i> , 2005 , 14, 2887-94	6.3	18
128	A simple method for cloning blunt ended DNA fragments. <i>Nucleic Acids Research</i> , 1991 , 19, 398	20.1	18
127	Structure of Lmaj006129AAA, a hypothetical protein from <i>Leishmania major</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006 , 62, 175-9		17
126	Trypanosomatid flagellum biogenesis: ARL-3A is involved in several species. <i>Experimental Parasitology</i> , 2004 , 108, 126-33	2.1	16
125	The LD1 amplified element from <i>Leishmania infantum</i> encodes a homolog of ribosomal protein L37. <i>Molecular and Biochemical Parasitology</i> , 1993 , 62, 147-51	1.9	16
124	Structure-Guided Identification of Resistance Breaking Antimalarial N-Myristoyltransferase Inhibitors. <i>Cell Chemical Biology</i> , 2019 , 26, 991-1000.e7	8.2	15
123	Discovery of Inhibitors of Methionine Aminopeptidase with Antibacterial Activity. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4,	4.3	15
122	An ensemble of structures of <i>Burkholderia pseudomallei</i> 2,3-bisphosphoglycerate-dependent phosphoglycerate mutase. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011 , 67, 1044-50		15
121	New <i>Trypanosoma cruzi</i> repeated element that shows site specificity for insertion. <i>Eukaryotic Cell</i> , 2007 , 6, 1228-38		15

120	Sense and antisense transcripts in the histone H1 (HIS-1) locus of <i>Leishmania major</i> . <i>International Journal for Parasitology</i> , 2003 , 33, 965-75	4.3	15
119	<i>Leishmania donovani</i> : characterization and expression of ORFF, a gene amplified from the LDI locus. <i>Experimental Parasitology</i> , 1999 , 93, 225-30	2.1	15
118	Nanovolume optimization of protein crystal growth using the microcapillary protein crystallization system. <i>Journal of Applied Crystallography</i> , 2010 , 43, 1078-1083	3.8	14
117	Structure of a ribulose 5-phosphate 3-epimerase from <i>Plasmodium falciparum</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2006 , 62, 338-42	4.2	14
116	Molecular variation in trypanosomes. <i>Acta Tropica</i> , 1993 , 53, 205-25	3.2	14
115	Illuminating Parasite Protein Production by Ribosome Profiling. <i>Trends in Parasitology</i> , 2016 , 32, 446-457	6.4	14
114	Iron superoxide dismutases in eukaryotic pathogens: new insights from Apicomplexa and Trypanosoma structures. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015 , 71, 615-21	1.1	13
113	Advancing <i>Trypanosoma brucei</i> genome annotation through ribosome profiling and spliced leader mapping. <i>Molecular and Biochemical Parasitology</i> , 2015 , 202, 1-10	1.9	13
112	Recent contributions of structure-based drug design to the development of antibacterial compounds. <i>Current Opinion in Microbiology</i> , 2015 , 27, 133-8	7.9	13
111	A structural biology approach enables the development of antimicrobials targeting bacterial immunophilins. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 1458-67	5.9	13
110	<i>Mycobacterium thermoresistibile</i> as a source of thermostable orthologs of <i>Mycobacterium tuberculosis</i> proteins. <i>Protein Science</i> , 2012 , 21, 1093-6	6.3	13
109	Discovery of a Natural Product That Binds to the Protein Rv1466 Using Native Mass Spectrometry. <i>Molecules</i> , 2020 , 25,	4.8	12
108	RNA-seq approaches for determining mRNA abundance in <i>Leishmania</i> . <i>Methods in Molecular Biology</i> , 2015 , 1201, 207-19	1.4	12
107	Importing statistical measures into Artemis enhances gene identification in the <i>Leishmania</i> genome project. <i>BMC Bioinformatics</i> , 2003 , 4, 23	3.6	12
106	Protozoan genomes: gene identification and annotation. <i>International Journal for Parasitology</i> , 2005 , 35, 495-512	4.3	12
105	A novel telomeric gene conversion in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1989 , 35, 11-9	1.9	12
104	Cytosolic expression, solution structures, and molecular dynamics simulation of genetically encodable disulfide-rich de novo designed peptides. <i>Protein Science</i> , 2018 , 27, 1611-1623	6.3	11
103	Cytidine derivatives as IspF inhibitors of <i>Burkholderia pseudomallei</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 6860-3	2.9	11

102	Structures of phosphopantetheine adenylyltransferase from <i>Burkholderia pseudomallei</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011 , 67, 1032-7		11
101	Inhibitor-bound complexes of dihydrofolate reductase-thymidylate synthase from <i>Babesia bovis</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011 , 67, 1070-7		11
100	Structural basis of the substrate specificity of bifunctional isocitrate dehydrogenase kinase/phosphatase. <i>Biochemistry</i> , 2011 , 50, 8103-6	3.2	11
99	Dynamic colocalization of 2 simultaneously active expression sites within a single expression-site body in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16561-16570	11.5	11
98	Functional genomics in sand fly-derived <i>Leishmania</i> promastigotes. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007288	4.8	10
97	Crystal structure of a macrophage migration inhibitory factor from <i>Giardia lamblia</i> . <i>Journal of Structural and Functional Genomics</i> , 2013 , 14, 47-57		10
96	Conservation of the LD1 region in <i>Leishmania</i> includes DNA implicated in LD1 amplification. <i>Molecular and Biochemical Parasitology</i> , 2001 , 113, 315-21	1.9	10
95	Comparative transcriptomics in <i>Leishmania braziliensis</i> : disclosing differential gene expression of coding and putative noncoding RNAs across developmental stages. <i>RNA Biology</i> , 2019 , 16, 639-660	4.8	9
94	<i>Mycobacterium tuberculosis</i> Rv2179c protein establishes a new exoribonuclease family with broad phylogenetic distribution. <i>Journal of Biological Chemistry</i> , 2014 , 289, 2139-47	5.4	9
93	Membrane skeletal association and post-translational allosteric regulation of <i>Toxoplasma gondii</i> GAPDH1. <i>Molecular Microbiology</i> , 2017 , 103, 618-634	4.1	9
92	Structure of the cystathionine β -synthase MetB from <i>Mycobacterium ulcerans</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011 , 67, 1154-8		9
91	Structure of 3-ketoacyl-(acyl-carrier-protein) reductase from <i>Rickettsia prowazekii</i> at 2.25 Å resolution. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011 , 67, 1118-22		9
90	<i>Trypanosoma brucei</i> : frequent loss of a telomeric variant surface glycoprotein gene. <i>Experimental Parasitology</i> , 1989 , 68, 8-16	2.1	9
89	Sensing Host Arginine Is Essential for Parasites' Intracellular Development. <i>MBio</i> , 2020 , 11,	7.8	9
88	Biomediator data integration and inference for functional annotation of anonymous sequences. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2007 , 343-54	1.3	9
87	Solution-state NMR structure and biophysical characterization of zinc-substituted rubredoxin B (Rv3250c) from <i>Mycobacterium tuberculosis</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011 , 67, 1148-53		8
86	Expression of bipterin transporter (BT1) protein in <i>Leishmania</i> . <i>FEMS Microbiology Letters</i> , 2002 , 208, 89-91	2.9	8
85	A retroposon in the 5' flank of a <i>Trypanosoma brucei</i> VSG gene lacks insertional terminal repeats. <i>Molecular and Biochemical Parasitology</i> , 1990 , 42, 143-51	1.9	8

84	Identification of Selective Inhibitors of N-Myristoyltransferase by High-Throughput Screening. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 591-600	8.3	8
83	A Phenotarget Approach for Identifying an Alkaloid Interacting with the Tuberculosis Protein Rv1466. <i>Marine Drugs</i> , 2020 , 18,	6	7
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