

Fred R Opperdoes

List of Publications by Year in Descending Order

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

205
papers

12,268
citations

62
h-index

103
g-index

212
ext. papers

13,054
ext. citations

4.8
avg, IF

5.89
L-index

#	Paper	IF	Citations
205	Genome Analysis of and spp., Closest Phylogenetic Relatives of , Highlights the Role of Amastins in Shaping Pathogenicity. <i>Genes</i> , 2021 , 12,	4.2	2
204	A New Model Trypanosomatid, : Genomic Perception of Its " Pandoraea novymonadis" Endosymbiont. <i>MBio</i> , 2021 , 12, e0160621	7.8	0
203	Evolution of metabolic capabilities and molecular features of diplomonads, kinetoplastids, and euglenids. <i>BMC Biology</i> , 2020 , 18, 23	7.3	25
202	Recent advances in trypanosomatid research: genome organization, expression, metabolism, taxonomy and evolution. <i>Parasitology</i> , 2019 , 146, 1-27	2.7	77
201	Comparative genomics of Leishmania (Mundinia). <i>BMC Genomics</i> , 2019 , 20, 726	4.5	14
200	: Genomic insight into Parasite's Physiology. <i>Current Genomics</i> , 2018 , 19, 150-156	2.6	6
199	Lipids Are the Preferred Substrate of the Protist Naegleria gruberi, Relative of a Human Brain Pathogen. <i>Cell Reports</i> , 2018 , 25, 537-543.e3	10.6	12
198	Nonstructural Protein L* Species Specificity Supports a Mouse Origin for Vilyuisk Human Encephalitis Virus. <i>Journal of Virology</i> , 2017 , 91,	6.6	3
197	Molecular mechanisms of thermal resistance of the insect trypanosomatid Crithidia thermophila. <i>PLoS ONE</i> , 2017 , 12, e0174165	3.7	20
196	Changes in the phosphoproteome of brown adipose tissue during hibernation in the ground squirrel. <i>Physiological Genomics</i> , 2017 , 49, 462-472	3.6	10
195	Genome of Leptomonas pyrrocoris: a high-quality reference for monoxenous trypanosomatids and new insights into evolution of Leishmania. <i>Scientific Reports</i> , 2016 , 6, 23704	4.9	57
194	Comparative Metabolism of Free-living Bodo saltans and Parasitic Trypanosomatids. <i>Journal of Eukaryotic Microbiology</i> , 2016 , 63, 657-78	3.6	54
193	TrypanoCyc: a community-led biochemical pathways database for Trypanosoma brucei. <i>Nucleic Acids Research</i> , 2015 , 43, D637-44	20.1	28
192	Leptomonas seymouri: Adaptations to the Dikexenous Life Cycle Analyzed by Genome Sequencing, Transcriptome Profiling and Co-infection with Leishmania donovani. <i>PLoS Pathogens</i> , 2015 , 11, e1005127.6	7.6	77
191	The streamlined genome of Phytomonas spp. relative to human pathogenic kinetoplastids reveals a parasite tailored for plants. <i>PLoS Genetics</i> , 2014 , 10, e1004007	6	56
190	Understanding the functional difference between growth arrest-specific protein 6 and protein S: an evolutionary approach. <i>Open Biology</i> , 2014 , 4,	7	7
189	Metabolic adaptations of Leishmania donovani in relation to differentiation, drug resistance, and drug pressure. <i>Molecular Microbiology</i> , 2013 , 90, 428-42	4.1	42

188	Comparative studies on the biochemical properties of the malic enzymes from <i>Trypanosoma cruzi</i> and <i>Trypanosoma brucei</i> . <i>FEMS Microbiology Letters</i> , 2011 , 314, 25-33	2.9	21
187	<i>Naegleria gruberi</i> metabolism. <i>International Journal for Parasitology</i> , 2011 , 41, 915-24	4.3	33
186	<i>Oromoeba fumarolia</i> gen. nov., sp. nov., a new marine heterolobosean amoeboflagellate growing at 54 °C. <i>European Journal of Protistology</i> , 2011 , 47, 16-23	3.6	17
185	Molecular identification of NAT8 as the enzyme that acetylates cysteine S-conjugates to mercapturic acids. <i>Journal of Biological Chemistry</i> , 2010 , 285, 18888-98	5.4	43
184	Molecular identification of N-acetylaspartylglutamate synthase and beta-citrylglutamate synthase. <i>Journal of Biological Chemistry</i> , 2010 , 285, 29826-33	5.4	35
183	The Glycosome of Trypanosomatids. <i>Microbiology Monographs</i> , 2010 , 285-298	0.8	2
182	<i>Marinamoeba thermophila</i> , a new marine heterolobosean amoeba growing at 50 degrees C. <i>European Journal of Protistology</i> , 2009 , 45, 231-6	3.6	22
181	Evolution of vertebrate glucokinase regulatory protein from a bacterial N-acetylmuramate 6-phosphate etherase. <i>Biochemical Journal</i> , 2009 , 423, 323-32	3.8	19
180	Complex I of Trypanosomatidae: does it exist?. <i>Trends in Parasitology</i> , 2008 , 24, 310-7	6.4	59
179	Differential expression of glycosomal and mitochondrial proteins in the two major life-cycle stages of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2008 , 158, 189-201	1.9	81
178	Biochemical characterization of stage-specific isoforms of aspartate aminotransferases from <i>Trypanosoma cruzi</i> and <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2008 , 161, 12-20	1.9	25
177	Retooling <i>Leishmania</i> metabolism: from sand fly gut to human macrophage. <i>FASEB Journal</i> , 2008 , 22, 590-602	0.9	217
176	Metabolism of <i>Leishmania</i> : proven and predicted. <i>Trends in Parasitology</i> , 2007 , 23, 149-58	6.4	138
175	Horizontal gene transfer in trypanosomatids. <i>Trends in Parasitology</i> , 2007 , 23, 470-6	6.4	45
174	Antitrypanosomal activity of triterpenoids and sterols from the leaves of <i>Strychnos spinosa</i> and related compounds. <i>Journal of Natural Products</i> , 2007 , 70, 1360-3	4.9	62
173	The presence of four iron-containing superoxide dismutase isozymes in trypanosomatidae: characterization, subcellular localization, and phylogenetic origin in <i>Trypanosoma brucei</i> . <i>Free Radical Biology and Medicine</i> , 2006 , 40, 210-25	7.8	66
172	The malate dehydrogenase isoforms from <i>Trypanosoma brucei</i> : subcellular localization and differential expression in bloodstream and procyclic forms. <i>International Journal for Parasitology</i> , 2006 , 36, 295-307	4.3	23
171	In silico prediction of the glycosomal enzymes of <i>Leishmania major</i> and trypanosomes. <i>Molecular and Biochemical Parasitology</i> , 2006 , 147, 193-206	1.9	122

170	The genome of the African trypanosome <i>Trypanosoma brucei</i> . <i>Science</i> , 2005 , 309, 416-22	33.3	1323
169	The <i>Trypanosoma cruzi</i> proteome. <i>Science</i> , 2005 , 309, 473-6	33.3	322
168	The extraordinary mitochondrion and unusual citric acid cycle in <i>Trypanosoma brucei</i> . <i>Biochemical Society Transactions</i> , 2005 , 33, 967-71	5.1	60
167	6-Phosphofructo-2-kinase and fructose-2,6-bisphosphatase in Trypanosomatidae. Molecular characterization, database searches, modelling studies and evolutionary analysis. <i>FEBS Journal</i> , 2005 , 272, 3542-60	5.7	11
166	Experimental and in silico analyses of glycolytic flux control in bloodstream form <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2005 , 280, 28306-15	5.4	128
165	New functions for parts of the Krebs cycle in procyclic <i>Trypanosoma brucei</i> , a cycle not operating as a cycle. <i>Journal of Biological Chemistry</i> , 2005 , 280, 12451-60	5.4	89
164	Alkaloids from <i>Cassytha filiformis</i> and related aporphines: antitrypanosomal activity, cytotoxicity, and interaction with DNA and topoisomerases. <i>Planta Medica</i> , 2004 , 70, 407-13	3.1	76
163	Tissue distribution and evolution of fructosamine 3-kinase and fructosamine 3-kinase-related protein. <i>Journal of Biological Chemistry</i> , 2004 , 279, 46606-13	5.4	44
162	Characterization of the cofactor-independent phosphoglycerate mutase from <i>Leishmania mexicana mexicana</i> . Histidines that coordinate the two metal ions in the active site show different susceptibilities to irreversible chemical modification. <i>FEBS Journal</i> , 2004 , 271, 1798-810		20
161	Interaction of substituted hexose analogues with the <i>Trypanosoma brucei</i> hexose transporter. <i>Biochemical Pharmacology</i> , 2004 , 67, 459-67	6	36
160	Natural products active against African trypanosomes: a step towards new drugs. <i>Natural Product Reports</i> , 2004 , 21, 353-64	15.1	134
159	In vitro antitrypanosomal activity of ethnopharmacologically selected Beninese plants. <i>Journal of Ethnopharmacology</i> , 2004 , 91, 37-42	5	67
158	Kinetic characterization, structure modelling studies and crystallization of <i>Trypanosoma brucei</i> enolase. <i>FEBS Journal</i> , 2003 , 270, 3205-13		53
157	Evolution of energy metabolism and its compartmentation in Kinetoplastida. <i>Parasites and Vectors</i> , 2003 , 2, 11		132
156	The multifunctional isopropyl alcohol dehydrogenase of <i>Phytomonas</i> sp. could be the result of a horizontal gene transfer from a bacterium to the trypanosomatid lineage. <i>Journal of Biological Chemistry</i> , 2003 , 278, 36169-75	5.4	11
155	Aerobic Protists in Trypanosomatidae 2003 , 140-153		
154	Plant-like traits associated with metabolism of <i>Trypanosoma</i> parasites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 1067-71	11.5	173
153	Characterization of the <i>ysa</i> pathogenicity locus in the chromosome of <i>Yersinia enterocolitica</i> and phylogeny analysis of type III secretion systems. <i>Journal of Molecular Evolution</i> , 2002 , 55, 37-51	3.1	95

152	Sequencing, modeling, and selective inhibition of <i>Trypanosoma brucei</i> hexokinase. <i>Chemistry and Biology</i> , 2002 , 9, 839-47		29
151	The putative effector-binding site of <i>Leishmania mexicana</i> pyruvate kinase studied by site-directed mutagenesis. <i>FEBS Letters</i> , 2002 , 514, 255-9	3.8	15
150	Enzymes of carbohydrate metabolism as potential drug targets. <i>International Journal for Parasitology</i> , 2001 , 31, 482-90	4.3	63
149	NMR spectroscopic analysis of the first two steps of the pentose-phosphate pathway elucidates the role of 6-phosphogluconolactonase. <i>Journal of Biological Chemistry</i> , 2001 , 276, 34840-6	5.4	78
148	Glycolysis as a target for the design of new anti-trypanosome drugs. <i>Drug Resistance Updates</i> , 2001 , 4, 50-65	23.2	172
147	Competitive inhibition of <i>Trypanosoma brucei</i> phosphoglucose isomerase by D-arabinose-5-phosphate derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2000 , 15, 509-15		13
146	<i>Trypanosoma brucei</i> contains a 2,3-bisphosphoglycerate independent phosphoglycerate mutase. <i>FEBS Journal</i> , 2000 , 267, 1464-72		42
145	Glycerol kinase of <i>Trypanosoma brucei</i> . Cloning, molecular characterization and mutagenesis. <i>FEBS Journal</i> , 2000 , 267, 2323-33		33
144	A potential target enzyme for trypanocidal drugs revealed by the crystal structure of NAD-dependent glycerol-3-phosphate dehydrogenase from <i>Leishmania mexicana</i> . <i>Structure</i> , 2000 , 8, 541-52	5.2	45
143	Ether-lipid (alkyl-phospholipid) metabolism and the mechanism of action of ether-lipid analogues in <i>Leishmania</i> . <i>Molecular and Biochemical Parasitology</i> , 2000 , 111, 1-14	1.9	123
142	Metabolic control analysis of glycolysis in trypanosomes as an approach to improve selectivity and effectiveness of drugs. <i>Molecular and Biochemical Parasitology</i> , 2000 , 106, 1-10	1.9	93
141	Comparative study of <i>Leishmania mexicana</i> and <i>Trypanosoma brucei</i> NAD-dependent glycerol-3-phosphate dehydrogenase. <i>Molecular and Biochemical Parasitology</i> , 2000 , 106, 83-91	1.9	15
140	Localisation of a 3-hydroxy-3-methylglutaryl-coenzyme A reductase in the mitochondrial matrix of <i>Trypanosoma brucei</i> procyclics. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2000 , 55, 473-7	1.7	21
139	A family of highly conserved glycosomal 2-hydroxyacid dehydrogenases from <i>Phytomonas</i> sp. <i>Journal of Biological Chemistry</i> , 2000 , 275, 31833-7	5.4	6
138	Molecular characterization of the first two enzymes of the pentose-phosphate pathway of <i>Trypanosoma brucei</i> . Glucose-6-phosphate dehydrogenase and 6-phosphogluconolactonase. <i>Journal of Biological Chemistry</i> , 2000 , 275, 27559-65	5.4	67
137	Using Metabolic Control Analysis To Improve The Selectivity and Effectiveness of Drugs Against Parasitic Diseases 2000 , 157-164		
136	Structure-based design of submicromolar, biologically active inhibitors of trypanosomatid glyceraldehyde-3-phosphate dehydrogenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 4273-8	11.5	110
135	What controls glycolysis in bloodstream form <i>Trypanosoma brucei</i> ?. <i>Journal of Biological Chemistry</i> , 1999 , 274, 14551-9	5.4	142

134	Contribution of glucose transport to the control of the glycolytic flux in <i>Trypanosoma brucei</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 10098-103	11.5	91
133	Purification, localisation and characterisation of glucose-6-phosphate dehydrogenase of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1999 , 99, 21-32	1.9	59
132	Cloning and characterization of <i>Leishmania mexicana</i> fructose-1,6-bisphosphate aldolase. <i>Molecular and Biochemical Parasitology</i> , 1999 , 103, 279-83	1.9	14
131	Molecular characterisation of <i>Trypanosoma brucei</i> alkyl dihydroxyacetone-phosphate synthase. <i>Molecular and Biochemical Parasitology</i> , 1999 , 104, 55-66	1.9	19
130	Cloning and analysis of the PTS-1 receptor in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1999 , 104, 106-19	1.9	33
129	Genetic nomenclature for <i>Trypanosoma</i> and <i>Leishmania</i> . <i>Molecular and Biochemical Parasitology</i> , 1998 , 97, 221-4	1.9	81
128	Purification and characterisation of the phosphoglycerate kinase isoenzymes of <i>Trypanosoma brucei</i> expressed in <i>Escherichia coli</i> . <i>BBA - Proteins and Proteomics</i> , 1998 , 1386, 179-88		15
127	Comparison and evolutionary analysis of the glycosomal glyceraldehyde-3-phosphate dehydrogenase from different Kinetoplastida. <i>Journal of Molecular Evolution</i> , 1998 , 47, 728-38	3.1	34
126	Molecular analysis of phosphoglycerate kinase in <i>Trypanoplasma borreli</i> and the evolution of this enzyme in kinetoplastida. <i>Gene</i> , 1998 , 217, 91-9	3.8	28
125	Pyruvate kinase of <i>Trypanosoma brucei</i> : overexpression, purification, and functional characterization of wild-type and mutated enzyme. <i>Protein Expression and Purification</i> , 1998 , 13, 373-82 ²		17
124	<i>Trypanosomatidae</i> produce acetate via a mitochondrial acetate:succinate CoA transferase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 3036-41	11.5	117
123	Glycolysis in bloodstream form <i>Trypanosoma brucei</i> can be understood in terms of the kinetics of the glycolytic enzymes. <i>Journal of Biological Chemistry</i> , 1997 , 272, 3207-15	5.4	171
122	Comparative Aspects of Energy Metabolism in Plant <i>Trypanosomatids</i> . <i>Journal of Eukaryotic Microbiology</i> , 1997 , 44, 523-529	3.6	54
121	The glycosomal ATP-dependent phosphofructokinase of <i>Trypanosoma brucei</i> must have evolved from an ancestral pyrophosphate-dependent enzyme. <i>FEBS Journal</i> , 1997 , 250, 698-704		45
120	Characterisation of the two malate dehydrogenases from <i>Phytomonas</i> sp. Purification of the glycosomal isoenzyme. <i>Molecular and Biochemical Parasitology</i> , 1997 , 89, 51-9	1.9	10
119	The dihydroxyacetonephosphate pathway for biosynthesis of ether lipids in <i>Leishmania mexicana</i> promastigotes. <i>Molecular and Biochemical Parasitology</i> , 1997 , 89, 61-72	1.9	37
118	Genus-specific biochemical markers for <i>Phytomonas</i> spp. <i>Molecular and Biochemical Parasitology</i> , 1997 , 90, 337-42	1.9	13
117	Organization, sequence and stage-specific expression of the phosphoglycerate kinase genes of <i>Leishmania mexicana mexicana</i> . <i>Molecular and Biochemical Parasitology</i> , 1997 , 90, 155-68	1.9	26

116	Purification and characterisation of a novel iso-propanol dehydrogenase from <i>Phytomonas</i> sp. <i>Molecular and Biochemical Parasitology</i> , 1997 , 85, 213-9	1.9	12
115	An M(r) 145,000 low-density lipoprotein (LDL)-binding protein is conserved throughout the Kinetoplastida order. <i>Molecular and Biochemical Parasitology</i> , 1996 , 76, 43-56	1.9	34
114	Cloning and characterization of the NAD-linked glycerol-3-phosphate dehydrogenases of <i>Trypanosoma brucei brucei</i> and <i>Leishmania mexicana mexicana</i> and expression of the trypanosome enzyme in <i>Escherichia coli</i> . <i>Molecular and Biochemical Parasitology</i> , 1996 , 76, 159-73	1.9	25
113	Identification of 2-enoyl coenzyme A hydratase and NADP(+)-dependent 3-hydroxyacyl-CoA dehydrogenase activity in glycosomes of procyclic <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1996 , 82, 107-11	1.9	30
112	Molecular analysis of glyceraldehyde-3-phosphate dehydrogenase in <i>Trypanoplasma borelli</i> : an evolutionary scenario of subcellular compartmentation in kinetoplastida. <i>Journal of Molecular Evolution</i> , 1995 , 40, 443-54	3.1	45
111	In Vitro Culture of <i>Phytomonas</i> Sp. Isolated from <i>Euphorbia characias</i> . Metabolic Studies by ¹ H NMR. <i>Journal of Eukaryotic Microbiology</i> , 1995 , 42, 314-320	3.6	5
110	Specific inhibitors for the glycolytic enzymes of <i>Trypanosoma brucei</i> . <i>Bioorganic and Medicinal Chemistry</i> , 1995 , 3, 1423-7	3.4	13
109	Carbohydrate and Energy Metabolism in Aerobic Protozoa 1995 , 19-32		6
108	Glycosomal glyceraldehyde-3-phosphate dehydrogenase of <i>Trypanosoma brucei</i> and <i>Trypanosoma cruzi</i> : expression in <i>Escherichia coli</i> , purification, and characterization of the enzymes. <i>Protein Expression and Purification</i> , 1995 , 6, 244-50	2	18
107	Alkyl dihydroxyacetone phosphate synthase in glycosomes of <i>Trypanosoma brucei</i> . <i>Lipids and Lipid Metabolism</i> , 1995 , 1257, 167-73		24
106	The trypanosomatidae: amazing organisms. <i>Journal of Bioenergetics and Biomembranes</i> , 1994 , 26, 145-6	3.7	10
105	Subcellular distribution and characterization of glucosephosphate isomerase in <i>Leishmania mexicana mexicana</i> . <i>Molecular and Biochemical Parasitology</i> , 1994 , 67, 269-79	1.9	23
104	Aerobic and anaerobic glucose metabolism of <i>Phytomonas</i> sp. isolated from <i>Euphorbia characias</i> . <i>Molecular and Biochemical Parasitology</i> , 1994 , 67, 321-31	1.9	40
103	Identification of a specific epitope on the extracellular domain of the LDL-receptor of <i>Trypanosoma brucei brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1994 , 63, 193-202	1.9	13
102	Possible localisation of dolichol-dependent mannosyltransferase of <i>Trypanosoma brucei</i> to the rough endoplasmic reticulum. <i>Molecular and Biochemical Parasitology</i> , 1994 , 63, 255-64	1.9	17
101	Pyruvate kinase of <i>Leishmania mexicana mexicana</i> . Cloning and analysis of the gene, overexpression in <i>Escherichia coli</i> and characterization of the enzyme. <i>Molecular and Biochemical Parasitology</i> , 1994 , 64, 43-54	1.9	32
100	Secretion of sucrase by <i>Leishmania donovani</i> . <i>Journal of Eukaryotic Microbiology</i> , 1994 , 41, 228-31	3.6	17
99	Purification and characterization of the native and the recombinant <i>Leishmania mexicana</i> glycosomal glyceraldehyde-3-phosphate dehydrogenase. <i>FEBS Journal</i> , 1994 , 225, 143-9		15

98	Triose-phosphate isomerase of <i>Leishmania mexicana mexicana</i> . Cloning and characterization of the gene, overexpression in <i>Escherichia coli</i> and analysis of the protein. <i>FEBS Journal</i> , 1994 , 220, 331-8		33
97	Cloning and sequence analysis of the gene encoding pyruvate kinase in <i>Trypanoplasma borelli</i> . <i>Biochemical and Biophysical Research Communications</i> , 1994 , 201, 727-32	3.4	12
96	Selective inhibition of trypanosomal glyceraldehyde-3-phosphate dehydrogenase by protein structure-based design: toward new drugs for the treatment of sleeping sickness. <i>Journal of Medicinal Chemistry</i> , 1994 , 37, 3605-13	8.3	63
95	Inhibition of glyceraldehyde-3-phosphate dehydrogenase by phosphorylated epoxides and alpha-enones. <i>Biochemistry</i> , 1994 , 33, 214-20	3.2	48
94	Selective interaction of glycosomal enzymes from <i>Trypanosoma brucei</i> with hydrophobic cyclic hexapeptides. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 195, 667-72	3.4	3
93	The uptake of the trypanocidal drug suramin in combination with low-density lipoproteins by <i>Trypanosoma brucei</i> and its possible mode of action. <i>Acta Tropica</i> , 1993 , 54, 237-50	3.2	62
92	The glycosomes of the Kinetoplastida. <i>Biochimie</i> , 1993 , 75, 231-4	4.6	37
91	Overexpression of trypanosomal triosephosphate isomerase in <i>Escherichia coli</i> and characterisation of a dimer-interface mutant. <i>FEBS Journal</i> , 1993 , 211, 703-10		58
90	Inhibition of the glycolytic enzymes in the trypanosome: an approach in the development of new leads in the therapy of parasitic diseases 1993 , 60, 347-65		33
89	Role of acidic compartments in <i>Trypanosoma brucei</i> , with special reference to low-density lipoprotein processing. <i>Molecular and Biochemical Parasitology</i> , 1993 , 58, 223-32	1.9	44
88	Uptake and turnover of glucose in <i>Leishmania donovani</i> . <i>Molecular and Biochemical Parasitology</i> , 1993 , 60, 313-21	1.9	26
87	Synthesis and activity of inhibitors highly specific for the glycolytic enzymes from <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1993 , 59, 201-10	1.9	56
86	Impairment of growth of <i>Leishmania donovani</i> by <i>Trypanosoma brucei</i> during co-culture. <i>Parasitology</i> , 1992 , 105 (Pt 3), 393-8	2.7	2
85	Drug targeting with polyalkylcyanoacrylate nanoparticles: in vitro activity of primaquine-loaded nanoparticles against intracellular <i>Leishmania donovani</i> . <i>Annals of Tropical Medicine and Parasitology</i> , 1992 , 86, 41-9		57
84	Pyruvate transport across the plasma membrane of the bloodstream form of <i>Trypanosoma brucei</i> is mediated by a facilitated diffusion carrier. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 184, 1028-34	3.4	26
83	<i>Trypanosoma brucei brucei</i> : antigenic stability of its LDL receptor and immunological cross-reactivity with the LDL receptor of the mammalian host. <i>Experimental Parasitology</i> , 1992 , 74, 77-86 ^{2.1}		19
82	Mutual adjustment of glucose uptake and metabolism in <i>Trypanosoma brucei</i> grown in a chemostat. <i>Journal of Bacteriology</i> , 1992 , 174, 1273-9	3.5	23
81	Comparative physiology of two protozoan parasites, <i>Leishmania donovani</i> and <i>Trypanosoma brucei</i> , grown in chemostats. <i>Journal of Bacteriology</i> , 1992 , 174, 2929-34	3.5	23

80	Structure of the complex between trypanosomal triosephosphate isomerase and N-hydroxy-4-phosphono-butanamide: binding at the active site despite an "open" flexible loop conformation. <i>Protein Science</i> , 1992 , 1, 1578-84	6.3	29
79	A chemostat study on proline uptake and metabolism of <i>Leishmania donovani</i> . <i>Journal of Protozoology</i> , 1992 , 39, 555-8		18
78	Biological properties of amidinium sulfinic and sulfonic acid derivatives: inhibition of glycolytic enzymes of <i>Trypanosoma brucei</i> and protective effect on cell growth. <i>European Journal of Medicinal Chemistry</i> , 1992 , 27, 799-808	6.8	8
77	Macrophage activation by polymeric nanoparticles of polyalkylcyanoacrylates: activity against intracellular <i>Leishmania donovani</i> associated with hydrogen peroxide production. <i>Pharmaceutical Research</i> , 1992 , 9, 782-7	4.5	45
76	Characterization of carbohydrate metabolism and demonstration of glycosomes in a <i>Phytomonas</i> sp. isolated from <i>Euphorbia characias</i> . <i>Molecular and Biochemical Parasitology</i> , 1992 , 54, 185-99	1.9	87
75	The electrochemical proton gradient in the bloodstream form of <i>Trypanosoma brucei</i> is dependent on the temperature. <i>Molecular and Biochemical Parasitology</i> , 1992 , 55, 21-7	1.9	18
74	Molecular analysis of the cytosolic and glycosomal glyceraldehyde-3-phosphate dehydrogenase in <i>Leishmania mexicana</i> . <i>Molecular and Biochemical Parasitology</i> , 1992 , 55, 115-26	1.9	45
73	Some kinetic properties of pyruvate kinase from <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1992 , 50, 235-43	1.9	19
72	A phosphoglycerate kinase-related gene conserved between <i>Trypanosoma brucei</i> and <i>Crithidia fasciculata</i> . <i>Molecular and Biochemical Parasitology</i> , 1992 , 50, 69-78	1.9	20
71	Inhibition of triosephosphate isomerase from <i>Trypanosoma brucei</i> with cyclic hexapeptides. <i>FEBS Journal</i> , 1992 , 207, 441-7		15
70	Selective Inhibition of Trypanosomal Triosephosphate Isomerase by a Thiopeptide. <i>Angewandte Chemie International Edition in English</i> , 1992 , 31, 328-330		41
69	Selektive Inhibierung der trypanosomalen Triosephosphat-Isomerase durch ein Thiopeptid. <i>Angewandte Chemie</i> , 1992 , 104, 343-345	3.6	7
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