

# Fred R Opperdoes

## List of Publications by Year in descending order

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209  
papers

14,049  
citations

14655

66  
h-index

24982

109  
g-index

212  
all docs

212  
docs citations

212  
times ranked

7699  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Leishmania guyanensis</i> M4147 as a new LRV1-bearing model parasite: Phosphatidate phosphatase 2-like protein controls cell cycle progression and intracellular lipid content. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010510.	3.0	7
2	Genome Analysis of <i>Endotrypanum</i> and <i>Porcisia</i> spp., Closest Phylogenetic Relatives of <i>Leishmania</i> , Highlights the Role of Amastins in Shaping Pathogenicity. <i>Genes</i> , 2021, 12, 444.	2.4	12
3	A New Model Trypanosomatid, <i>Novymonas esmeraldas</i> : Genomic Perception of Its <i>Candidatus</i> Pandoraea novymonadis Endosymbiont. <i>MBio</i> , 2021, 12, e0160621.	4.1	8
4	The Remarkable Metabolism of <i>Vickermania ingenoplastis</i> : Genomic Predictions. <i>Pathogens</i> , 2021, 10, 68.	2.8	7
5	Evolution of metabolic capabilities and molecular features of diplomonids, kinetoplastids, and euglenids. <i>BMC Biology</i> , 2020, 18, 23.	3.8	48
6	Recent advances in trypanosomatid research: genome organization, expression, metabolism, taxonomy and evolution. <i>Parasitology</i> , 2019, 146, 1-27.	1.5	121
7	Comparative genomics of <i>Leishmania</i> ( <i>Mundinia</i> ). <i>BMC Genomics</i> , 2019, 20, 726.	2.8	27
8	Lipids Are the Preferred Substrate of the Protist <i>Naegleria gruberi</i> , Relative of a Human Brain Pathogen. <i>Cell Reports</i> , 2018, 25, 537-543.e3.	6.4	24
9	<i>Leptomonas pyrrocoris</i> : Genomic insight into Parasite's Physiology. <i>Current Genomics</i> , 2018, 19, 150-156.	1.6	9
10	Nonstructural Protein L* Species Specificity Supports a Mouse Origin for Vilyuisk Human Encephalitis Virus. <i>Journal of Virology</i> , 2017, 91, .	3.4	6
11	Changes in the phosphoproteome of brown adipose tissue during hibernation in the ground squirrel, <i>Ictidomys tridecemlineatus</i> . <i>Physiological Genomics</i> , 2017, 49, 462-472.	2.3	12
12	Molecular mechanisms of thermal resistance of the insect trypanosomatid <i>Crithidia thermophila</i> . <i>PLoS ONE</i> , 2017, 12, e0174165.	2.5	31
13	Comparative Metabolism of Free-living <i>Bodo saltans</i> and Parasitic Trypanosomatids. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 657-678.	1.7	86
14	Genome of <i>Leptomonas pyrrocoris</i> : a high-quality reference for monoxenous trypanosomatids and new insights into evolution of <i>Leishmania</i> . <i>Scientific Reports</i> , 2016, 6, 23704.	3.3	74
15	<i>Leptomonas seymouri</i> : Adaptations to the Dixenous Life Cycle Analyzed by Genome Sequencing, Transcriptome Profiling and Co-infection with <i>Leishmania donovani</i> . <i>PLoS Pathogens</i> , 2015, 11, e1005127.	4.7	96
16	TrypanoCyc: a community-led biochemical pathways database for <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 2015, 43, D637-D644.	14.5	35
17	The Streamlined Genome of <i>Phytomonas</i> spp. Relative to Human Pathogenic Kinetoplastids Reveals a Parasite Tailored for Plants. <i>PLoS Genetics</i> , 2014, 10, e1004007.	3.5	66
18	Understanding the functional difference between growth arrest-specific protein 6 and protein S: an evolutionary approach. <i>Open Biology</i> , 2014, 4, 140121.	3.6	10

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19	Metabolic adaptations of <i>Leishmania donovani</i> in relation to differentiation, drug resistance, and drug pressure. <i>Molecular Microbiology</i> , 2013, 90, 428-442.	2.5	48
20	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.	1.8	25
21	<i>Naegleria gruberi</i> metabolism. <i>International Journal for Parasitology</i> , 2011, 41, 915-924.	3.1	42
22	<i>Oramoeba 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.	1.5	21
23	Molecular Identification of NAT8 as the Enzyme That Acetylates Cysteine S-Conjugates to Mercapturic Acids. <i>Journal of Biological Chemistry</i> , 2010, 285, 18888-18898.	3.4	56
24	Molecular Identification of N-Acetylaspartylglutamate Synthase and $\beta$ -Citrylglutamate Synthase. <i>Journal of Biological Chemistry</i> , 2010, 285, 29826-29833.	3.4	45
25	The Glycosome of Trypanosomatids. <i>Microbiology Monographs</i> , 2010, , 285-298.	0.6	3
26	Phylogenetic analysis using protein sequences. , 2009, , 313-342.		10
27	<i>Marinamoeba thermophila</i> , a new marine heterolobosean amoeba growing at 50°C. <i>European Journal of Protistology</i> , 2009, 45, 231-236.	1.5	24
28	Evolution of vertebrate glucokinase regulatory protein from a bacterial <i>N</i> -acetylmuramate 6-phosphate etherase. <i>Biochemical Journal</i> , 2009, 423, 323-332.	3.7	20
29	Complex I of Trypanosomatidae: does it exist?. <i>Trends in Parasitology</i> , 2008, 24, 310-317.	3.3	71
30	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.	1.1	90
31	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.	1.1	34
32	Retooling <i>Leishmania</i> metabolism: from sand fly gut to human macrophage. <i>FASEB Journal</i> , 2008, 22, 590-602.	0.5	248
33	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, 1360-1363.	3.0	79
34	Metabolism of <i>Leishmania</i> : proven and predicted. <i>Trends in Parasitology</i> , 2007, 23, 149-158.	3.3	160
35	Horizontal gene transfer in trypanosomatids. <i>Trends in Parasitology</i> , 2007, 23, 470-476.	3.3	54
36	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, 210-225.	2.9	74

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37	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.	3.1	25
38	In silico prediction of the glycosomal enzymes of <i>Leishmania major</i> and trypanosomes. <i>Molecular and Biochemical Parasitology</i> , 2006, 147, 193-206.	1.1	138
39	The extraordinary mitochondrion and unusual citric acid cycle in <i>Trypanosoma brucei</i> . <i>Biochemical Society Transactions</i> , 2005, 33, 967.	3.4	67
40	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, 3542-3560.	4.7	13
41	Experimental and in Silico Analyses of Glycolytic Flux Control in Bloodstream Form <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 28306-28315.	3.4	141
42	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, 12451-12460.	3.4	101
43	The Genome of the African Trypanosome <i>Trypanosoma brucei</i> . <i>Science</i> , 2005, 309, 416-422.	12.6	1,496
44	The <i>Trypanosoma cruzi</i> Proteome. <i>Science</i> , 2005, 309, 473-476.	12.6	383
45	Alkaloids from <i>Cassytha filiformis</i> and Related Aporphines: Antitrypanosomal Activity, Cytotoxicity, and Interaction with DNA and Topoisomerases. <i>Planta Medica</i> , 2004, 70, 407-413.	1.3	88
46	Tissue Distribution and Evolution of Fructosamine 3-Kinase and Fructosamine 3-Kinase-related Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 46606-46613.	3.4	53
47	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, 1798-1810.	0.2	21
48	Interaction of substituted hexose analogues with the <i>Trypanosoma brucei</i> hexose transporter. <i>Biochemical Pharmacology</i> , 2004, 67, 459-467.	4.4	39
49	Natural products active against African trypanosomes: a step towards new drugs. <i>Natural Product Reports</i> , 2004, 21, 353.	10.3	146
50	In vitro antitrypanosomal activity of ethnopharmacologically selected Beninese plants. <i>Journal of Ethnopharmacology</i> , 2004, 91, 37-42.	4.1	83
51	Kinetic characterization, structure modelling studies and crystallization of <i>Trypanosoma brucei</i> enolase. <i>FEBS Journal</i> , 2003, 270, 3205-3213.	0.2	64
52	Evolution of energy metabolism and its compartmentation in Kinetoplastida. <i>Parasites and Vectors</i> , 2003, 2, 11.	1.9	153
53	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, 36169-36175.	3.4	14
54	Aerobic Protists in Trypanosomatidae. , 2003, , 140-153.		0

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55	Plant-like traits associated with metabolism of Trypanosoma parasites. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1067-1071.	7.1	195
56	The putative effector-binding site of Leishmania mexicana pyruvate kinase studied by site-directed mutagenesis. FEBS Letters, 2002, 514, 255-259.	2.8	16
57	Characterization of the ysa Pathogenicity Locus in the Chromosome of Yersinia enterocolitica and Phylogeny Analysis of Type III Secretion Systems. Journal of Molecular Evolution, 2002, 55, 37-51.	1.8	101
58	Sequencing, Modeling, and Selective Inhibition of Trypanosoma brucei Hexokinase. Chemistry and Biology, 2002, 9, 839-847.	6.0	31
59	Glycolysis as a target for the design of new anti-trypanosome drugs. Drug Resistance Updates, 2001, 4, 50-65.	14.4	192
60	Enzymes of carbohydrate metabolism as potential drug targets. International Journal for Parasitology, 2001, 31, 482-490.	3.1	70
61	NMR Spectroscopic Analysis of the First Two Steps of the Pentose-Phosphate Pathway Elucidates the Role of 6-Phosphogluconolactonase. Journal of Biological Chemistry, 2001, 276, 34840-34846.	3.4	90
62	Competitive Inhibition of Trypanosoma Brucei Phosphoglucose Isomerase by D-Arabinose-5-Phosphate Derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2000, 15, 509-515.	0.5	16
63	Trypanosoma brucei contains a 2,3-bisphosphoglycerate independent phosphoglycerate mutase. FEBS Journal, 2000, 267, 1464-1472.	0.2	44
64	Glycerol kinase of Trypanosoma brucei. FEBS Journal, 2000, 267, 2323-2333.	0.2	39
65	A potential target enzyme for trypanocidal drugs revealed by the crystal structure of NAD-dependent glycerol-3-phosphate dehydrogenase from Leishmania mexicana. Structure, 2000, 8, 541-552.	3.3	50
66	Ether <sup>18</sup> lipid (alkyl-phospholipid) metabolism and the mechanism of action of ether <sup>18</sup> lipid analogues in Leishmania. Molecular and Biochemical Parasitology, 2000, 111, 1-14.	1.1	132
67	Metabolic control analysis of glycolysis in trypanosomes as an approach to improve selectivity and effectiveness of drugs. Molecular and Biochemical Parasitology, 2000, 106, 1-10.	1.1	101
68	Comparative study of Leishmania mexicana and Trypanosoma brucei NAD-dependent glycerol-3-phosphate dehydrogenase. Molecular and Biochemical Parasitology, 2000, 106, 83-91.	1.1	17
69	Localisation of a 3-Hydroxy-3-methylglutaryl-Coenzyme A Reductase in the Mitochondrial Matrix of Trypanosoma brucei Procyclics. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2000, 55, 473-477.	1.4	25
70	A Family of Highly Conserved Glycosomal 2-Hydroxyacid Dehydrogenases from Phytomonas sp.. Journal of Biological Chemistry, 2000, 275, 31833-31837.	3.4	8
71	Molecular Characterization of the First Two Enzymes of the Pentose-phosphate Pathway of Trypanosoma brucei. Journal of Biological Chemistry, 2000, 275, 27559-27565.	3.4	77
72	Using Metabolic Control Analysis To Improve The Selectivity and Effectiveness of Drugs Against Parasitic Diseases. , 2000, , 157-164.		0

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73	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, 4273-4278.	7.1	125
74	What Controls Glycolysis in Bloodstream Form <i>Trypanosoma brucei</i> ?. <i>Journal of Biological Chemistry</i> , 1999, 274, 14551-14559.	3.4	159
75	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, 10098-10103.	7.1	94
76	Purification, localisation and characterisation of glucose-6-phosphate dehydrogenase of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1999, 99, 21-32.	1.1	64
77	Cloning and characterization of <i>Leishmania mexicana</i> fructose-1,6-bisphosphate aldolase. <i>Molecular and Biochemical Parasitology</i> , 1999, 103, 279-283.	1.1	15
78	Molecular characterisation of <i>Trypanosoma brucei</i> alkyl dihydroxyacetone-phosphate synthase. <i>Molecular and Biochemical Parasitology</i> , 1999, 104, 55-66.	1.1	20
79	Cloning and analysis of the PTS-1 receptor in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1999, 104, 107-119.	1.1	36
80	Genetic nomenclature for <i>Trypanosoma</i> and <i>Leishmania</i> . <i>Molecular and Biochemical Parasitology</i> , 1998, 97, 221-224.	1.1	83
81	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, 179-188.	2.1	19
82	Comparison and Evolutionary Analysis of the Glycosomal Glyceraldehyde-3-Phosphate Dehydrogenase from Different Kinetoplastida. <i>Journal of Molecular Evolution</i> , 1998, 47, 728-738.	1.8	47
83	Molecular analysis of phosphoglycerate kinase in <i>Trypanoplasma borreli</i> and the evolution of this enzyme in Kinetoplastida. <i>Gene</i> , 1998, 217, 91-99.	2.2	28
84	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, 373-382.	1.3	19
85	<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, 3036-3041.	7.1	129
86	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, 3207-3215.	3.4	194
87	Comparative Aspects of Energy Metabolism in Plant <i>Trypanosomatids</i> . <i>Journal of Eukaryotic Microbiology</i> , 1997, 44, 523-529.	1.7	56
88	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.	0.2	53
89	Characterisation of the two malate dehydrogenases from <i>Phytomonas</i> sp.. <i>Molecular and Biochemical Parasitology</i> , 1997, 89, 51-59.	1.1	10
90	The dihydroxyacetonephosphate pathway for biosynthesis of ether lipids in <i>Leishmania mexicana</i> promastigotes. <i>Molecular and Biochemical Parasitology</i> , 1997, 89, 61-72.	1.1	41

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91	Genus-specific biochemical markers for <i>Phytomonas</i> spp.. <i>Molecular and Biochemical Parasitology</i> , 1997, 90, 337-342.	1.1	14
92	Organization, sequence and stage-specific expression of the phosphoglycerate kinase genes of <i>Leishmania mexicana mexicana</i> [Note: Nucleotide sequence data reported in this paper are available in the EMBL, GenBank, and DDJB data bases under the accession numbers X98486 (PGKB) and X98487 (PGKC)]. <i>Molecular and Biochemical Parasitology</i> , 1997, 90, 155-168.	1.1	30
93	Purification and characterisation of a novel iso-propanol dehydrogenase from <i>Phytomonas</i> sp.. <i>Molecular and Biochemical Parasitology</i> , 1997, 85, 213-219.	1.1	14
94	An Mr 145000 low-density lipoprotein (LDL)-binding protein is conserved throughout the Kinetoplastida order. <i>Molecular and Biochemical Parasitology</i> , 1996, 76, 43-56.	1.1	34
95	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, 159-173.	1.1	27
96	Identification of 2-enoyl coenzyme A hydratase and NADP <sup>+</sup> -dependent 3-hydroxyacyl-CoA dehydrogenase activity in glycosomes of procyclic <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1996, 82, 107-111.	1.1	34
97	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, 443-454.	1.8	50
98	In Vitro Culture of <i>Phytomonas</i> Sp. Isolated from <i>Euphorbia characias</i> . <i>Metabolic Studies by 1H NMR. Journal of Eukaryotic Microbiology</i> , 1995, 42, 314-320.	1.7	5
99	Specific inhibitors for the glycolytic enzymes of <i>Trypanosoma brucei</i> . <i>Bioorganic and Medicinal Chemistry</i> , 1995, 3, 1423-1427.	3.0	14
100	Carbohydrate and Energy Metabolism in Aerobic Protozoa. , 1995, , 19-32.		9
101	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, 244-250.	1.3	19
102	Alkyl dihydroxyacetone phosphate synthase in glycosomes of <i>Trypanosoma brucei</i> . <i>Lipids and Lipid Metabolism</i> , 1995, 1257, 167-173.	2.6	25
103	The trypanosomatidae: Amazing organisms. <i>Journal of Bioenergetics and Biomembranes</i> , 1994, 26, 145-146.	2.3	10
104	Subcellular distribution and characterization of glucosephosphate isomerase in <i>Leishmania mexicana mexicana</i> . <i>Molecular and Biochemical Parasitology</i> , 1994, 67, 269-279.	1.1	27
105	Aerobic and anaerobic glucose metabolism of <i>Phytomonas</i> sp. isolated from <i>Euphorbia characias</i> . <i>Molecular and Biochemical Parasitology</i> , 1994, 67, 321-331.	1.1	43
106	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.	1.1	14
107	Possible localisation of dolichol-dependent mannosyltransferase of <i>Trypanosoma brucei</i> to the rough endoplasmic reticulum. <i>Molecular and Biochemical Parasitology</i> , 1994, 63, 255-264.	1.1	17
108	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.	1.1	35

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109	Secretion of Sucrase by <i>Leishmania donovani</i> . <i>Journal of Eukaryotic Microbiology</i> , 1994, 41, 228-231.	1.7	18
110	Purification and Characterization of the Native and the Recombinant <i>Leishmania Mexicana</i> Glycosomal Glyceraldehyde-3-Phosphate Dehydrogenase. <i>FEBS Journal</i> , 1994, 225, 143-149.	0.2	17
111	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, 331-338.	0.2	35
112	Cloning and Sequence Analysis of the Gene Encoding Pyruvate Kinase in <i>Trypanoplasma borelli</i> . <i>Biochemical and Biophysical Research Communications</i> , 1994, 201, 727-732.	2.1	14
113	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, 3605-3613.	6.4	75
114	Inhibition of glyceraldehyde-3-phosphate dehydrogenase by phosphorylated epoxides and .alpha.-Enones. <i>Biochemistry</i> , 1994, 33, 214-220.	2.5	51
115	Overexpression of trypanosomal triosephosphate isomerase in <i>Escherichia coli</i> and characterisation of a dimer-interface mutant. <i>FEBS Journal</i> , 1993, 211, 703-710.	0.2	64
116	Inhibition of the glycolytic enzymes in the trypanosome: An approach in the development of new leads in the therapy of parasitic diseases. , 1993, 60, 347-365.		35
117	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, 223-232.	1.1	48
118	Uptake and turnover of glucose in <i>Leishmania donovani</i> . <i>Molecular and Biochemical Parasitology</i> , 1993, 60, 313-321.	1.1	28
119	Synthesis and activity of inhibitors highly specific for the glycolytic enzymes from <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1993, 59, 201-210.	1.1	68
120	Selective Interaction of Glycosomal Enzymes from <i>Trypanosoma brucei</i> with Hydrophobic Cyclic Hexapeptides. <i>Biochemical and Biophysical Research Communications</i> , 1993, 195, 667-672.	2.1	4
121	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, 237-250.	2.0	70
122	The glycosomes of the Kinetoplastida. <i>Biochimie</i> , 1993, 75, 231-234.	2.6	42
123	2'-Substituted adenosine analogues as trypanosomal glyceraldehyde phosphate dehydrogenase (GAPDH) inhibitors. <i>Collection of Czechoslovak Chemical Communications</i> , 1993, 58, 52-55.	1.0	0
124	Impairment of growth of <i>Leishmania donovani</i> by <i>Trypanosoma brucei</i> during co-culture. <i>Parasitology</i> , 1992, 105, 393-398.	1.5	3
125	Drug targeting with polyalkylcyanoacrylate nanoparticles: <i>in vitro</i> activity of primaquine-loaded nanoparticles against intracellular <i>Leishmania donovani</i> . <i>Annals of Tropical Medicine and Parasitology</i> , 1992, 86, 41-49.	1.6	65
126	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, 1028-1034.	2.1	28



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127	Trypanosoma brucei brucei: 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.	1.2	22
128	Mutual adjustment of glucose uptake and metabolism in Trypanosoma brucei grown in a chemostat. <i>Journal of Bacteriology</i> , 1992, 174, 1273-1279.	2.2	27
129	Comparative physiology of two protozoan parasites, Leishmania donovani and Trypanosoma brucei, grown in chemostats. <i>Journal of Bacteriology</i> , 1992, 174, 2929-2934.	2.2	25
130	Structure of the complex between trypanosomal triosephosphate isomerase and 4-hydroxy-4-phosphonobutanamide: Binding at the active site despite an open flexible loop conformation. <i>Protein Science</i> , 1992, 1, 1578-1584.	7.6	30
131	A Chemostat Study on Proline Uptake and Metabolism of Leishmania donovani. <i>Journal of Protozoology</i> , 1992, 39, 555-558.	0.8	23
132	Biological properties of amidinium sulfinic and sulfonic acid derivatives: inhibition of glycolytic enzymes of Trypanosoma brucei and protective effect on cell growth. <i>European Journal of Medicinal Chemistry</i> , 1992, 27, 799-808.	5.5	8
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