

# Piet Borst

## List of Publications by Year in descending order

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169  
papers

20,733  
citations

8208

78  
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11608

140  
g-index

170  
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170  
docs citations

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times ranked

14866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Looking back at multidrug resistance (MDR) research and ten mistakes to be avoided when writing about ABC transporters in MDR. <i>FEBS Letters</i> , 2020, 594, 4001-4011.	1.3	22
2	The malate-aspartate shuttle (Borst cycle): How it started and developed into a major metabolic pathway. <i>IUBMB Life</i> , 2020, 72, 2241-2259.	1.5	117
3	PXE, a Mysterious Inborn Error Clarified. <i>Trends in Biochemical Sciences</i> , 2019, 44, 125-140.	3.7	37
4	Edward Charles Slater. 16 January 1917 – 26 March 2016. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 2017, 63, 527-551.	0.1	2
5	Maxi-circles, glycosomes, gene transposition, expression sites, transsplicing, transferrin receptors and base J. <i>Molecular and Biochemical Parasitology</i> , 2016, 205, 39-52.	0.5	3
6	HELB Is a Feedback Inhibitor of DNA End Resection. <i>Molecular Cell</i> , 2016, 61, 405-418.	4.5	119
7	Subunit composition of VRAC channels determines substrate specificity and cellular resistance to P-glycoprotein-based anti-cancer drugs. <i>EMBO Journal</i> , 2015, 34, 2993-3008.	3.5	209
8	ATP-binding Cassette Subfamily C Member 5 (ABCC5) Functions as an Efflux Transporter of Glutamate Conjugates and Analogs. <i>Journal of Biological Chemistry</i> , 2015, 290, 30429-30440.	1.6	47
9	BRCA2-Deficient Sarcomatoid Mammary Tumors Exhibit Multidrug Resistance. <i>Cancer Research</i> , 2015, 75, 732-741.	0.4	47
10	Defining the sequence requirements for the positioning of base J in DNA using SMRT sequencing. <i>Nucleic Acids Research</i> , 2015, 43, 2102-2115.	6.5	25
11	REV7 counteracts DNA double-strand break resection and affects PARP inhibition. <i>Nature</i> , 2015, 521, 541-544.	13.7	487
12	ABCC6-Mediated ATP Secretion by the Liver Is the Main Source of the Mineralization Inhibitor Inorganic Pyrophosphate in the Systemic Circulation—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1985-1989.	1.1	246
13	Loss of 53BP1 Causes PARP Inhibitor Resistance in <i>Brcal</i> -Mutated Mouse Mammary Tumors. <i>Cancer Discovery</i> , 2013, 3, 68-81.	7.7	428
14	P-glycoprotein ABCB1: a major player in drug handling by mammals. <i>Journal of Clinical Investigation</i> , 2013, 123, 4131-4133.	3.9	127
15	Transportomics: screening for substrates of ABC transporters in body fluids using vesicular transport assays. <i>FASEB Journal</i> , 2012, 26, 738-747.	0.2	53
16	Cancer drug pan-resistance: pumps, cancer stem cells, quiescence, epithelial to mesenchymal transition, blocked cell death pathways, persists or what?. <i>Open Biology</i> , 2012, 2, 120066.	1.5	169
17	Impact of Intertumoral Heterogeneity on Predicting Chemotherapy Response of BRCA1-Deficient Mammary Tumors. <i>Cancer Research</i> , 2012, 72, 2350-2361.	0.4	48
18	Glucosylated Hydroxymethyluracil, DNA Base J, Prevents Transcriptional Readthrough in <i>Leishmania</i> . <i>Cell</i> , 2012, 150, 909-921.	13.5	138

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19	Drug resistance in the mouse cancer clinic. <i>Drug Resistance Updates</i> , 2012, 15, 81-89.	6.5	33
20	Binding of the J-Binding Protein to DNA Containing Glucosylated hmU (Base J) or 5-hmC: Evidence for a Rapid Conformational Change upon DNA Binding. <i>Journal of the American Chemical Society</i> , 2012, 134, 13357-13365.	6.6	15
21	ABCC6 does not transport vitamin K3-glutathione conjugate from the liver: Relevance to pathomechanisms of pseudoxanthoma elasticum. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 468-471.	1.0	23
22	The structural basis for recognition of base J containing DNA by a novel DNA binding domain in JBP1. <i>Nucleic Acids Research</i> , 2011, 39, 5715-5728.	6.5	32
23	Identification of multidrug resistance protein 1 (MRP1/ABCC1) as a molecular gate for cellular export of cobalamin. <i>Blood</i> , 2010, 115, 1632-1639.	0.6	111
24	Sensitivity and Acquired Resistance of BRCA1;p53-Deficient Mouse Mammary Tumors to the Topoisomerase I Inhibitor Topotecan. <i>Cancer Research</i> , 2010, 70, 1700-1710.	0.4	76
25	Tumor-initiating cells are not enriched in cisplatin-surviving BRCA1;p53-deficient mammary tumor cells in vivo. <i>Cell Cycle</i> , 2010, 9, 3804-3815.	1.3	24
26	Do predictive signatures really predict response to cancer chemotherapy? <i>Cell Cycle</i> , 2010, 9, 4836-4840.	1.3	58
27	Abstract A14: Lack of tumor eradication of chemotherapy-sensitive BRCA1;p53-deficient mouse mammary tumors. , 2010, , .		0
28	Moderate Increase in <i>Mdr1a/1b</i> Expression Causes <i>In vivo</i> Resistance to Doxorubicin in a Mouse Model for Hereditary Breast Cancer. <i>Cancer Research</i> , 2009, 69, 6396-6404.	0.4	88
29	Intestinal Breast Cancer Resistance Protein (BCRP)/Bcrp1 and Multidrug Resistance Protein 3 (MRP3)/Mrp3 Are Involved in the Pharmacokinetics of Resveratrol. <i>Molecular Pharmacology</i> , 2009, 75, 876-885.	1.0	115
30	Evidence that J-binding protein 2 is a thymidine hydroxylase catalyzing the first step in the biosynthesis of DNA base J. <i>Molecular and Biochemical Parasitology</i> , 2009, 164, 157-161.	0.5	30
31	Targeted Metabolomics Identifies Glucuronides of Dietary Phytoestrogens as a Major Class of MRP3 Substrates In Vivo. <i>Gastroenterology</i> , 2009, 137, 1725-1735.	0.6	48
32	Base J: Discovery, Biosynthesis, and Possible Functions. <i>Annual Review of Microbiology</i> , 2008, 62, 235-251.	2.9	164
33	High sensitivity of BRCA1-deficient mammary tumors to the PARP inhibitor AZD2281 alone and in combination with platinum drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17079-17084.	3.3	854
34	Does the absence of ABCC6 (Multidrug Resistance Protein 6) in patients with <i>Pseudoxanthoma elasticum</i> prevent the liver from providing sufficient vitamin K to the periphery?. <i>Cell Cycle</i> , 2008, 7, 1575-1579.	1.3	74
35	How do real tumors become resistant to cisplatin?. <i>Cell Cycle</i> , 2008, 7, 1353-1359.	1.3	185
36	The protein that binds to DNA base J in trypanosomatids has features of a thymidine hydroxylase. <i>Nucleic Acids Research</i> , 2007, 35, 2107-2115.	6.5	84

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37	What Makes Tumors Multidrug Resistant?. <i>Cell Cycle</i> , 2007, 6, 2782-2787.	1.3	97
38	Multidrug resistance-associated protein 9 (ABCC12) is present in mouse and boar sperm. <i>Biochemical Journal</i> , 2007, 406, 31-40.	1.7	42
39	Selective induction of chemotherapy resistance of mammary tumors in a conditional mouse model for hereditary breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12117-12122.	3.3	279
40	Multidrug Resistance Proteins 2 and 3 Provide Alternative Routes for Hepatic Excretion of Morphine-Glucuronides. <i>Molecular Pharmacology</i> , 2007, 72, 387-394.	1.0	97
41	Telomeric localization of the modified DNA base J in the genome of the protozoan parasite <i>Leishmania</i> . <i>Nucleic Acids Research</i> , 2007, 35, 2116-2124.	6.5	32
42	Analysis of telomere length variation in <i>Leishmania</i> over time. <i>Molecular and Biochemical Parasitology</i> , 2007, 151, 213-215.	0.5	5
43	Bill Slater at 90. <i>IUBMB Life</i> , 2007, 59, 48-49.	1.5	2
44	Multidrug resistance-associated proteins 3, 4, and 5. <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 453, 661-673.	1.3	256
45	Mice lacking Mrp3 (Abcc3) have normal bile salt transport, but altered hepatic transport of endogenous glucuronides. <i>Journal of Hepatology</i> , 2006, 44, 768-775.	1.8	158
46	Switching like for like. <i>Nature</i> , 2006, 439, 926-927.	13.7	10
47	How I became a biochemist. <i>IUBMB Life</i> , 2006, 58, 177-182.	1.5	5
48	Ethidium DNA agarose gel electrophoresis: How it started. <i>IUBMB Life</i> , 2005, 57, 745-747.	1.5	36
49	Trypanosomes change their transferrin receptor expression to allow effective uptake of host transferrin. <i>Molecular Microbiology</i> , 2005, 58, 151-165.	1.2	37
50	A minor fraction of base J in kinetoplastid nuclear DNA is bound by the J-binding protein 1. <i>Molecular and Biochemical Parasitology</i> , 2005, 143, 111-115.	0.5	14
51	Altered disposition of acetaminophen in mice with a disruption of the Mrp3 gene. <i>Hepatology</i> , 2005, 42, 1091-1098.	3.6	99
52	Mice lacking multidrug resistance protein 3 show altered morphine pharmacokinetics and morphine-6-glucuronide antinociception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7274-7279.	3.3	191
53	The Human Multidrug Resistance Protein MRP5 Transports Foliates and Can Mediate Cellular Resistance against Antifolates. <i>Cancer Research</i> , 2005, 65, 4425-4430.	0.4	114
54	Formation of linear inverted repeat amplicons following targeting of an essential gene in <i>Leishmania</i> . <i>Nucleic Acids Research</i> , 2005, 33, 1699-1709.	6.5	48

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55	Interactions between Hepatic Mrp4 and Sult2a as Revealed by the Constitutive Androstane Receptor and Mrp4 Knockout Mice. <i>Journal of Biological Chemistry</i> , 2004, 279, 22250-22257.	1.6	211
56	Factors Affecting the Level and Localization of the Transferrin Receptor in <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 40690-40698.	1.6	44
57	Base J, found in nuclear DNA of <i>Trypanosoma brucei</i> , is not a target for DNA glycosylases. <i>DNA Repair</i> , 2004, 3, 145-154.	1.3	11
58	Cancer cell death by programmed necrosis?. <i>Drug Resistance Updates</i> , 2004, 7, 321-324.	6.5	33
59	Delineation of the regulated Variant Surface Glycoprotein gene expression site domain of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2003, 128, 147-156.	0.5	18
60	Reinvestigation into the Synthesis of Oligonucleotides Containing 5-( $\beta$ -D-Glucopyranosyloxymethyl)-2 $\alpha$ -deoxyuridine. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3832-3839.	1.2	16
61	The expression level determines the surface distribution of the transferrin receptor in <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2003, 47, 23-35.	1.2	39
62	THE MULTIDRUG RESISTANCE PROTEINS 3 $\alpha$ 7. , 2003, , 445-458.		6
63	Mechanisms of Antigenic Variation. , 2003, , 1-15.		10
64	LIPID TRANSPORT BY ABC TRANSPORTERS. , 2003, , 461-478.		5
65	The human multidrug resistance protein MRP4 functions as a prostaglandin efflux transporter and is inhibited by nonsteroidal antiinflammatory drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9244-9249.	3.3	478
66	Characterization of the MRP4- and MRP5-mediated Transport of Cyclic Nucleotides from Intact Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 17664-17671.	1.6	233
67	Evidence for Two Interacting Ligand Binding Sites in Human Multidrug Resistance Protein 2 (ATP Tj ETQq1 1 0.784314 rgBT /Overloc 177	1.6	177
68	Characterization of the Transport of Nucleoside Analog Drugs by the Human Multidrug Resistance Proteins MRP4 and MRP5. <i>Molecular Pharmacology</i> , 2003, 63, 1094-1103.	1.0	346
69	Steroid and bile acid conjugates are substrates of human multidrug-resistance protein (MRP) 4 (ATP-binding cassette C4). <i>Biochemical Journal</i> , 2003, 371, 361-367.	1.7	291
70	Transport of bile acids in multidrug-resistance-protein 3-overexpressing cells co-transfected with the ileal Na <sup>+</sup> -dependent bile-acid transporter. <i>Biochemical Journal</i> , 2003, 369, 23-30.	1.7	93
71	Expression of the human DNA glycosylase hSMUG1 in <i>Trypanosoma brucei</i> causes DNA damage and interferes with J biosynthesis. <i>Nucleic Acids Research</i> , 2002, 30, 3919-3926.	6.5	18
72	Site-specific Interactions of JBP with Base and Sugar Moieties in Duplex J-DNA. <i>Journal of Biological Chemistry</i> , 2002, 277, 28150-28156.	1.6	22

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73	Recognition of Base J in Duplex DNA by J-binding Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 958-966.	1.6	37
74	Antigenic Variation and Allelic Exclusion. <i>Cell</i> , 2002, 109, 5-8.	13.5	157
75	The physiological significance of transferrin receptor variations in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2002, 119, 237-247.	0.5	54
76	Expression site activation in <i>Trypanosoma brucei</i> with three marked variant surface glycoprotein gene expression sites. <i>Molecular and Biochemical Parasitology</i> , 2002, 120, 225-235.	0.5	27
77	The architecture of variant surface glycoprotein gene expression sites in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2002, 122, 131-140.	0.5	98
78	J-binding protein increases the level and retention of the unusual base J in trypanosome DNA. <i>Molecular Microbiology</i> , 2002, 46, 37-47.	1.2	45
79	Tissue Distribution and Induction of Human Multidrug Resistant Protein 3. <i>Laboratory Investigation</i> , 2002, 82, 193-201.	1.7	250
80	Does resistance to apoptosis affect clinical response to antitumor drugs?. <i>Drug Resistance Updates</i> , 2001, 4, 129-131.	6.5	37
81	Control of VSG gene expression sites. <i>Molecular and Biochemical Parasitology</i> , 2001, 114, 17-27.	0.5	115
82	Characterization of Drug Transport by the Human Multidrug Resistance Protein 3 (ABCC3). <i>Journal of Biological Chemistry</i> , 2001, 276, 46400-46407.	1.6	227
83	Tandemly repeated DNA is a target for the partial replacement of thymine by $\hat{2}$ -d-glucosyl-hydroxymethyluracil in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2000, 109, 133-145.	0.5	54
84	MDR3 P-glycoprotein, a Phosphatidylcholine Translocase, Transports Several Cytotoxic Drugs and Directly Interacts with Drugs as Judged by Interference with Nucleotide Trapping. <i>Journal of Biological Chemistry</i> , 2000, 275, 23530-23539.	1.6	220
85	Base J originally found in Kinetoplastida is also a minor constituent of nuclear DNA of <i>Euglena gracilis</i> . <i>Nucleic Acids Research</i> , 2000, 28, 3017-3021.	6.5	65
86	A Family of Drug Transporters: the Multidrug Resistance-Associated Proteins. <i>Journal of the National Cancer Institute</i> , 2000, 92, 1295-1302.	3.0	1,579
87	The modified base J is the target for a novel DNA-binding protein in kinetoplastid protozoans. <i>EMBO Journal</i> , 1999, 18, 6573-6581.	3.5	67
88	The multidrug resistance protein family. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1461, 347-357.	1.4	550
89	Changes in expression site control and DNA modification in <i>Trypanosoma brucei</i> during differentiation of the bloodstream form to the procyclic form. <i>Molecular and Biochemical Parasitology</i> , 1998, 93, 115-130.	0.5	15
90	The modified DNA base $\hat{2}$ -d-glucosyl-hydroxymethyluracil is not found in the tsetse fly stages of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1998, 94, 127-130.	0.5	18

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91	The Modified DNA Base $\hat{2}$ -d-Glucosylhydroxymethyluracil Confers Resistance to Micrococcal Nuclease and Is Incompletely Recovered by $^{32}$ P-Postlabeling. <i>Analytical Biochemistry</i> , 1998, 258, 223-229.	1.1	24
92	Hepatocyte-specific expression of the human MDR3P-glycoprotein gene restores the biliary phosphatidylcholine excretion absent in Mdr2 (??) mice. <i>Hepatology</i> , 1998, 28, 530-536.	3.6	126
93	Multidrug Resistance Protein 1 Protects the Oropharyngeal Mucosal Layer and the Testicular Tubules against Drug-induced Damage. <i>Journal of Experimental Medicine</i> , 1998, 188, 797-808.	4.2	197
94	Biosynthesis and Function of the Modified DNA Base $\hat{2}$ -d-Glucosyl-Hydroxymethyluracil in <i>Trypanosoma brucei</i> . <i>Molecular and Cellular Biology</i> , 1998, 18, 5643-5651.	1.1	68
95	Increased sensitivity to anticancer drugs and decreased inflammatory response in mice lacking the multidrug resistance-associated protein. <i>Nature Medicine</i> , 1997, 3, 1275-1279.	15.2	409
96	$\hat{2}$ -d-glucosyl-hydroxymethyluracil, a novel base in African trypanosomes and other Kinetoplastida. <i>Molecular and Biochemical Parasitology</i> , 1997, 90, 1-8.	0.5	44
97	Genetic dissection of the function of mammalian P-glycoproteins. <i>Trends in Genetics</i> , 1997, 13, 217-222.	2.9	129
98	Substantial excretion of digoxin via the intestinal mucosa and prevention of long-term digoxin accumulation in the brain by the mdrla P-glycoprotein. <i>British Journal of Pharmacology</i> , 1996, 119, 1038-1044.	2.7	248
99	Transport of the glutathione conjugate of ethacrynic acid by the human multidrug resistance protein MRP. <i>FEBS Letters</i> , 1996, 391, 126-130.	1.3	55
100	Telomere exchange can be an important mechanism of Variant Surface Glycoprotein gene switching in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1996, 80, 65-75.	0.5	66
101	A ribosomal DNA promoter replacing the promoter of a telomeric VSG gene expression site can be efficiently switched on and off in <i>T. brucei</i> . <i>Cell</i> , 1995, 83, 547-553.	13.5	141
102	Antigenic variation in African trypanosomes. <i>Science</i> , 1994, 264, 1872-1873.	6.0	118
103	Stable transformation of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1993, 59, 133-142.	0.5	51
104	Insertion of the promoter for a variant surface glycoprotein gene expression site in an RNA polymerase II transcription unit of procyclic <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1993, 57, 295-304.	0.5	14
105	$\hat{2}$ -d-glucosyl-hydroxymethyluracil: A novel modified base present in the DNA of the parasitic protozoan <i>T. brucei</i> . <i>Cell</i> , 1993, 75, 1129-1136.	13.5	191
106	The identification of hydroxymethyluracil in DNA of <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 1993, 21, 2039-2043.	6.5	22
107	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.	0.5	24
108	Alpha-amanitin-resistant transcription units in trypanosomes: a comparison of promoter sequences for a VSG gene expression site and for the ribosomal RNA genes. <i>Nucleic Acids Research</i> , 1991, 19, 5153-5158.	6.5	117

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109	A novel DNA nucleotide in <i>Trypanosoma brucei</i> only present in the mammalian phase of the life-cycle. <i>Nucleic Acids Research</i> , 1991, 19, 1745-1751.	6.5	65
110	Antigenic variation in <i>Trypanosoma brucei</i> : a telomeric expression site for variant-specific surface glycoprotein genes with novel features. <i>Nucleic Acids Research</i> , 1991, 19, 1359-1368.	6.5	59
111	Structure of a telomeric expression site for variant specific surface antigens in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1990, 42, 1-12.	0.5	31
112	Peroxisome biogenesis revisited. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1989, 1008, 1-13.	2.4	177
113	Nucleoside analysis of DNA from <i>Trypanosoma brucei</i> and <i>Trypanosoma equiperdum</i> . <i>Molecular and Biochemical Parasitology</i> , 1988, 31, 127-131.	0.5	15
114	The tissue dependent expression of hamster P-glycoprotein genes. <i>FEBS Letters</i> , 1988, 229, 329-332.	1.3	40
115	Post-transcriptional control of the differential expression of phosphoglycerate kinase genes in <i>Trypanosoma brucei</i> . <i>Journal of Molecular Biology</i> , 1988, 201, 315-325.	2.0	136
116	Boundaries of telomere conversion in <i>Trypanosoma brucei</i> . <i>Gene</i> , 1988, 69, 1-11.	1.0	36
117	Controlled turnover and 3' trimming of the transsplicing precursor of <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 1987, 15, 10087-10103.	6.5	24
118	RNA end-labeling and RNA ligase activities can produce a circular rRNA in whole cell extracts from trypanosomes. <i>Nucleic Acids Research</i> , 1987, 15, 3275-3290.	6.5	49
119	Coincident multiple activations of the same surface antigen gene in <i>Trypanosoma brucei</i> . <i>Journal of Molecular Biology</i> , 1987, 194, 81-90.	2.0	34
120	<i>Trypanosoma brucei</i> variant-specific glycoprotein gene chromatin is sensitive to single-strand-specific endonuclease digestion. <i>Journal of Molecular Biology</i> , 1987, 197, 471-483.	2.0	28
121	Kinetoplast DNA of <i>Trypanosoma evansi</i> . <i>Molecular and Biochemical Parasitology</i> , 1987, 23, 31-38.	0.5	136
122	Mapping of VSG genes on large expression-site chromosomes of <i>Trypanosoma brucei</i> separated by pulsed-field gradient electrophoresis. <i>Gene</i> , 1986, 43, 213-220.	1.0	49
123	How proteins get into microbodies (peroxisomes, glyoxysomes, glycosomes). <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1986, 866, 179-203.	2.4	158
124	Three small RNAs within the 10 kb trypanosome rRNA transcription unit are analogous to Domain VII of other eukaryotic 28S rRNAs. <i>Nucleic Acids Research</i> , 1986, 14, 9471-9489.	6.5	245
125	Further analysis of intraspecific variation in <i>Trypanosoma brucei</i> using restriction site polymorphisms in the maxi-circle of kinetoplast DNA. <i>Molecular and Biochemical Parasitology</i> , 1985, 15, 21-36.	0.5	59
126	Kinetoplast DNA from <i>Trypanosoma vivax</i> and <i>T. congolense</i> . <i>Molecular and Biochemical Parasitology</i> , 1985, 15, 129-142.	0.5	32



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127	Mature mRNAs of <i>Trypanosoma brucei</i> possess a 5' cap acquired by discontinuous RNA synthesis. <i>Nucleic Acids Research</i> , 1985, 13, 4253-4266.	6.5	106
128	Further characterization of the extremely small mitochondrial ribosomal RNAs from trypanosomes: a detailed comparison of the 9S and 12S RNAs from <i>Crithidia fasciculata</i> and <i>Trypanosoma brucei</i> with rRNAs from other organisms. <i>Nucleic Acids Research</i> , 1985, 13, 4171-4190.	6.5	92
129	Characteristics of trypanosome variant antigen genes active in the tsetse fly. <i>Nucleic Acids Research</i> , 1985, 13, 4661-4676.	6.5	43
130	Trypanosome variant surface glycoprotein genes expressed early in infection. <i>Journal of Molecular Biology</i> , 1985, 182, 383-396.	2.0	65
131	Two simultaneously active VSG gene transcription units in a single <i>trypanosoma brucei</i> variant. <i>Cell</i> , 1985, 41, 825-832.	13.5	50
132	Many trypanosome messenger RNAs share a common 5' terminal sequence. <i>Nucleic Acids Research</i> , 1984, 12, 3777-3790.	6.5	134
133	Î±-Amanitin-insensitive transcription of variant surface glycoprotein genes provides further evidence for discontinuous transcription in trypanosomes. <i>Nucleic Acids Research</i> , 1984, 12, 9457-9472.	6.5	233
134	Comparison of the genes coding for the common 5' terminal sequence of messenger RNAs in three trypanosome species. <i>Nucleic Acids Research</i> , 1984, 12, 4431-4443.	6.5	148
135	Modification of telomeric DNA in <i>Trypanosoma brucei</i> ; a role in antigenic variation?. <i>Nucleic Acids Research</i> , 1984, 12, 4153-4170.	6.5	103
136	Antigenic variation in <i>trypanosoma brucei</i> analyzed by electrophoretic separation of chromosome-sized DNA molecules. <i>Cell</i> , 1984, 37, 77-84.	13.5	386
137	Structure of the growing telomeres of trypanosomes. <i>Cell</i> , 1984, 36, 459-468.	13.5	238
138	Chromosome rearrangements in <i>trypanosoma brucei</i> . <i>Cell</i> , 1984, 39, 213-221.	13.5	167
139	Growth of chromosome ends in multiplying trypanosomes. <i>Nature</i> , 1983, 303, 592-597.	13.7	250
140	Severe plasmalogen deficiency in tissues of infants without peroxisomes (Zellweger syndrome). <i>Nature</i> , 1983, 306, 69-70.	13.7	328
141	Activation of the genes for variant surface glycoproteins 117 and 118 in <i>Trypanosoma brucei</i> . <i>Journal of Molecular Biology</i> , 1983, 166, 537-556.	2.0	124
142	The transposition unit of variant surface glycoprotein gene 118 of <i>Trypanosoma brucei</i> . <i>Journal of Molecular Biology</i> , 1983, 167, 57-75.	2.0	149
143	Tandem repetition of the 5' mini-exon of variant surface glycoprotein genes: A multiple promoter for VSG gene transcription?. <i>Cell</i> , 1983, 34, 891-900.	13.5	169
144	Telomere conversion in trypanosomes. <i>Nucleic Acids Research</i> , 1983, 11, 8149-8165.	6.5	80

#	ARTICLE	IF	CITATIONS
145	Size fractionation of <i>Trypanosoma brucei</i> DNA: localization of the 177-bp repeat satellite DNA and a variant surface glycoprotein gene in a mini-chromosomal DNA fraction. <i>Nucleic Acids Research</i> , 1983, 11, 3889-3901.	6.5	62
146	Characterization of the expression-linked gene copies of variant surface glycoprotein 118 in two independently isolated clones of <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 1982, 10, 2353-2366.	6.5	55
147	Molecular basis for trypanosome antigenic variation. <i>Cell</i> , 1982, 29, 291-303.	13.5	377
148	On the DNA content and ploidy of trypanosomes. <i>Molecular and Biochemical Parasitology</i> , 1982, 6, 13-23.	0.5	177
149	Mitochondrial mosaics "maturases on the move". <i>Nature</i> , 1982, 298, 703-704.	13.7	23
150	Genomic environment of the expression-linked extra copies of genes for surface antigens of <i>Trypanosoma brucei</i> resembles the end of a chromosome. <i>Nature</i> , 1982, 299, 451-453.	13.7	198
151	Activation of trypanosome surface glycoprotein genes involves a duplication-transposition leading to an altered 3' end. <i>Cell</i> , 1981, 27, 497-505.	13.5	278
152	Subcellular Compartmentation of Glycolytic Intermediates in <i>Trypanosoma brucei</i> . <i>FEBS Journal</i> , 1981, 118, 521-526.	0.2	101
153	One gene's intron is another gene's exon. <i>Nature</i> , 1981, 289, 439-440.	13.7	76
154	Small is beautiful "portrait of a mitochondrial genome". <i>Nature</i> , 1981, 290, 443-444.	13.7	103
155	Quantitation of genetic differences between <i>Trypanosoma brucei</i> gambiense, rhodesiense and brucei by restriction enzyme analysis of kinetoplast DNA. <i>Molecular and Biochemical Parasitology</i> , 1981, 3, 117-131.	0.5	61
156	Localization of Glycerol-3-Phosphate Oxidase in the Mitochondrion and Particulate NAD <sup>+</sup> -Linked Glycerol-3-Phosphate Dehydrogenase in the Microbodies of the Bloodstream Form of <i>Trypanosoma brucei</i> . <i>FEBS Journal</i> , 1977, 76, 29-39.	0.2	124
157	Localization of nine glycolytic enzymes in a microbody-like organelle in <i>Trypanosoma brucei</i> : The glycosome. <i>FEBS Letters</i> , 1977, 80, 360-364.	1.3	585
158	Maxi-circles in the kinetoplast DNA of <i>Trypanosoma mega</i> . <i>Experimental Cell Research</i> , 1977, 110, 167-173.	1.2	21
159	New approach to screening drugs for activity against African trypanosomes. <i>Nature</i> , 1977, 265, 270-271.	13.7	106
160	Particle-Bound Enzymes in the Bloodstream Form of <i>Trypanosoma brucei</i> . <i>FEBS Journal</i> , 1977, 76, 21-28.	0.2	94
161	Fine structure physical mapping of 4S RNA genes on mitochondrial DNA of <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1977, 154, 255-262.	2.4	53
162	The potential use of inhibitors of glycerol-3-phosphate oxidase for chemotherapy of African trypanosomiasis. <i>FEBS Letters</i> , 1976, 62, 169-172.	1.3	84

#	ARTICLE	IF	CITATIONS
163	The Structure of Kinetoplast DNA. 1. The Mini-circles of Crithidia luciliae are Heterogeneous in Base Sequence. FEBS Journal, 1976, 64, 141-151.	0.2	59
164	The Structure of Kinetoplast DNA. 2. Characterization of a Novel Component of High Complexity Present in the Kinetoplast DNA Network of Crithidia luciliae. FEBS Journal, 1976, 64, 153-160.	0.2	54
165	The organization of genes in yeast mitochondrial DNA. Molecular Genetics and Genomics, 1975, 143, 53-64.	2.4	75
166	Mitochondrial Nucleic Acids. Biochemical Society Transactions, 1974, 2, 182-185.	1.6	4
167	Replicative Intermediates of Tetrahymena pyriformis Mitochondrial Deoxyribonucleic Acid. Biochemical Society Transactions, 1974, 2, 227-229.	1.6	6
168	The Effect of Temperature and Ionic Strength on the Electrophoretic Mobility of Yeast Mitochondrial RNA. FEBS Journal, 1971, 19, 64-72.	0.2	60
169	Hydrogen transport and transport metabolites. , 1963, , 137-162.		84