Chris J Janse

List of Publications by Year in Descending Order

149 papers	10,227 citations	52 h-index	98 g-index
160 ext. papers	12,131 ext. citations	9.5 avg, IF	5.47 L-index

#	Paper	IF	Citations
149	Suppression of Plasmodium MIF-CD74 signaling protects against severe malaria. *FASEB Journal*, **2021**, 35, e21997	0.9	0
148	Messenger RNA expressing PfCSP induces functional, protective immune responses against malaria in mice. *Npj Vaccines*, **2021**, 6, 84	9.5	11
147	Plasmodium berghei sporozoites in nonreplicative vacuole are eliminated by a PI3P-mediated autophagy-independent pathway. *Cellular Microbiology*, **2021**, 23, e13271	3.9	3
146	Screening of viral-vectored P. falciparum pre-erythrocytic candidate vaccine antigens using chimeric rodent parasites. *PLoS ONE*, **2021**, 16, e0254498	3.7	0
145	Hemozoin-mediated inflammasome activation limits long-lived anti-malarial immunity. *Cell Reports*, **2021**, 36, 109586	10.6	2
144	A universal vaccine candidate against Plasmodium vivax malaria confers protective immunity against the three PvCSP alleles. *Scientific Reports*, **2021**, 11, 17928	4.9	0
143	Generation of Novel NF135 and NF54 Lines Expressing Fluorescent Reporter Proteins Under the Control of Strong and Constitutive Promoters. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 270	5.9	2
142	Preclinical Development and Assessment of Viral Vectors Expressing a Fusion Antigen of Plasmodium falciparum LSA1 and LSAP2 for Efficacy against Liver-Stage Malaria. *Infection and Immunity*, **2020**, 88,	3.7	5
141	A double-blind, placebo-controlled phase 1/2a trial of the genetically attenuated malaria vaccine PfSPZ-GA1. *Science Translational Medicine*, **2020**, 12,	17.5	16
140	Generation of a Genetically Modified Chimeric Parasite Expressing Circumsporozoite Protein for Malaria Vaccine Development. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 591046	5.9	2
139	Artemisinin exposure at the ring or trophozoite stage impacts sexual conversion differently. *ELife*, **2020**, 9,	8.9	8
138	Combinatorial Tim-3 and PD-1 activity sustains antigen-specific Th1 cell numbers during blood-stage malaria. *Parasite Immunology*, **2020**, 42, e12723	2.2	3
137	A Hetero-Multimeric Chitinase-Containing and Ookinete-Secreted Protein Complex Involved in Mosquito Midgut Invasion. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 615343	5.9	3
136	Transcriptome analysis of Plasmodium berghei during exo-erythrocytic development. *Malaria Journal*, **2019**, 18, 330	3.6	18
135	A tracer-based method enables tracking of malaria parasites during human skin infection. *Theranostics*, **2019**, 9, 2768-2778	12.1	6
134	A NF54 Reporter Line Expressing mCherry-Luciferase in Gametocytes, Sporozoites, and Liver-Stages. *Frontiers in Cellular and Infection Microbiology*, **2019**, 9, 96	5.9	7
133	Genome-Scale Identification of Essential Metabolic Processes for Targeting the Plasmodium Liver Stage. *Cell*, **2019**, 179, 1112-1128.e26	56.2	41

132	Unravelling the immune signature of Plasmodium falciparum transmission-reducing immunity. *Nature Communications*, **2018**, 9, 558	17.4	52
131	Probabilistic data integration identifies reliable gametocyte-specific proteins and transcripts in malaria parasites. *Scientific Reports*, **2018**, 8, 410	4.9	26
130	Expression of full-length Plasmodium falciparum P48/45 in P. berghei blood stages: A method to express and evaluate vaccine antigens. *Molecular and Biochemical Parasitology*, **2018**, 224, 44-49	1.9	4
129	Tailoring a Plasmodium vivax Vaccine To Enhance Efficacy through a Combination of a CSP Virus-Like Particle and TRAP Viral Vectors. *Infection and Immunity*, **2018**, 86,	3.7	18
128	Neutralization of the Plasmodium-encoded MIF ortholog confers protective immunity against malaria infection. *Nature Communications*, **2018**, 9, 2714	17.4	40
127	Adenovirus-prime and baculovirus-boost heterologous immunization achieves sterile protection against malaria sporozoite challenge in a murine model. *Scientific Reports*, **2018**, 8, 3896	4.9	8
126	Chimeric Plasmodium falciparum parasites expressing Plasmodium vivax circumsporozoite protein fail to produce salivary gland sporozoites. *Malaria Journal*, **2018**, 17, 288	3.6	7
125	OX40 Stimulation Enhances Protective Immune Responses Induced After Vaccination With Attenuated Malaria Parasites. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 247	5.9	8
124	DOPS Adjuvant Confers Enhanced Protection against Malaria for VLP-TRAP Based Vaccines. *Diseases (Basel, Switzerland)*, **2018**, 6,	4.4	5
123	Pre-clinical evaluation of a -based whole-sporozoite malaria vaccine candidate. *Npj Vaccines*, **2018**, 3, 54	9.5	8
122	Prime and target immunization protects against liver-stage malaria in mice. *Science Translational Medicine*, **2018**, 10,	17.5	43
121	The Plasmodium falciparum male gametocyte protein P230p, a paralog of P230, is vital for ookinete formation and mosquito transmission. *Scientific Reports*, **2018**, 8, 14902	4.9	13
120	A sporozoite-based vaccination platform against human malaria. *Npj Vaccines*, **2018**, 3, 33	9.5	16
119	Assessment of the Plasmodium falciparum Preerythrocytic Antigen UIS3 as a Potential Candidate for a Malaria Vaccine. *Infection and Immunity*, **2017**, 85,	3.7	12
118	Evaluation of Plasmodium vivax Cell-Traversal Protein for Ookinetes and Sporozoites as a Preerythrocytic P. vivax Vaccine. *Vaccine Journal*, **2017**, 24,		13
117	Rational development of a protective P. vivax vaccine evaluated with transgenic rodent parasite challenge models. *Scientific Reports*, **2017**, 7, 46482	4.9	26
116	Signatures of malaria-associated pathology revealed by high-resolution whole-blood transcriptomics in a rodent model of malaria. *Scientific Reports*, **2017**, 7, 41722	4.9	17
115	The Plasmodium falciparum Cell-Traversal Protein for Ookinetes and Sporozoites as a Candidate for Preerythrocytic and Transmission-Blocking Vaccines. *Infection and Immunity*, **2017**, 85,	3.7	38

114	The use of transgenic parasites in malaria vaccine research. *Expert Review of Vaccines*, **2017**, 16, 1-13	5.2	15
113	Protective immunity differs between routes of administration of attenuated malaria parasites independent of parasite liver load. *Scientific Reports*, **2017**, 7, 10372	4.9	12
112	An in vitro assay to measure antibody-mediated inhibition of P. berghei sporozoite invasion against P. falciparum antigens. *Scientific Reports*, **2017**, 7, 17011	4.9	7
111	Natural Parasite Exposure Induces Protective Human Anti-Malarial Antibodies. *Immunity*, **2017**, 47, 1197-1209.e10	32.3	78
110	Pathogenic CD8 T Cells Cause Increased Levels of VEGF-A in Experimental Malaria-Associated Acute Respiratory Distress Syndrome, but Therapeutic VEGFR Inhibition Is Not Effective. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 416	5.9	12
109	Malaria parasite LIMP protein regulates sporozoite gliding motility and infectivity in mosquito and mammalian hosts. *ELife*, **2017**, 6,	8.9	21
108	Protective Efficacy Induced by Genetically Attenuated Mid-to-Late Liver-Stage Arresting Plasmodium berghei Δhrp2 Parasites. *American Journal of Tropical Medicine and Hygiene*, **2016**, 95, 378-82	2.2	5
107	Maternally supplied S-acyl-transferase is required for crystalloid organelle formation and transmission of the malaria parasite. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 7183-8	11.5	18
106	Vital and dispensable roles of Plasmodium multidrug resistance transporters during blood- and mosquito-stage development. *Molecular Microbiology*, **2016**, 101, 78-91	4.1	9
105	Integrated transcriptomic and proteomic analyses of P. falciparum gametocytes: molecular insight into sex-specific processes and translational repression. *Nucleic Acids Research*, **2016**, 44, 6087-101	20.1	143
104	Translational Control of UIS4 Protein of the Host-Parasite Interface Is Mediated by the RNA Binding Protein Puf2 in Plasmodium berghei Sporozoites. *PLoS ONE*, **2016**, 11, e0147940	3.7	12
103	The Plasmodium PHIST and RESA-Like Protein Families of Human and Rodent Malaria Parasites. *PLoS ONE*, **2016**, 11, e0152510	3.7	11
102	CD8+ T Cells Induce Fatal Brainstem Pathology during Cerebral Malaria via Luminal Antigen-Specific Engagement of Brain Vasculature. *PLoS Pathogens*, **2016**, 12, e1006022	7.6	68
101	Rapid Generation of Marker-Free P. falciparum Fluorescent Reporter Lines Using Modified CRISPR/Cas9 Constructs and Selection Protocol. *PLoS ONE*, **2016**, 11, e0168362	3.7	29
100	Variant Exported Blood-Stage Proteins Encoded by Plasmodium Multigene Families Are Expressed in Liver Stages Where They Are Exported into the Parasitophorous Vacuole. *PLoS Pathogens*, **2016**, 12, e1005917	7.6	34
99	Multidrug ATP-binding cassette transporters are essential for hepatic development of Plasmodium sporozoites. *Cellular Microbiology*, **2016**, 18, 369-83	3.9	17
98	The machinery underlying malaria parasite virulence is conserved between rodent and human malaria parasites. *Nature Communications*, **2016**, 7, 11659	17.4	39
97	Murine Model for Preclinical Studies of Var2CSA-Mediated Pathology Associated with Malaria in Pregnancy. *Infection and Immunity*, **2016**, 84, 1761-1774	3.7	7

96	Long-term live imaging reveals cytosolic immune responses of host hepatocytes against Plasmodium infection and parasite escape mechanisms. *Autophagy*, **2015**, 11, 1561-79	10.2	84
95	Comparative assessment of vaccine vectors encoding ten malaria antigens identifies two protective liver-stage candidates. *Scientific Reports*, **2015**, 5, 11820	4.9	40
94	A Plasmodium phospholipase is involved in disruption of the liver stage parasitophorous vacuole membrane. *PLoS Pathogens*, **2015**, 11, e1004760	7.6	56
93	Replication of Plasmodium in reticulocytes can occur without hemozoin formation, resulting in chloroquine resistance. *Journal of Experimental Medicine*, **2015**, 212, 893-903	16.6	46
92	Generation of Transgenic Rodent Malaria Parasites Expressing Human Malaria Parasite Proteins. *Methods in Molecular Biology*, **2015**, 1325, 257-86	1.4	21
91	The Plasmodium palmitoyl-S-acyl-transferase DHHC2 is essential for ookinete morphogenesis and malaria transmission. *Scientific Reports*, **2015**, 5, 16034	4.9	28
90	Hybridization and pre-zygotic reproductive barriers in Plasmodium. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20143027	4.4	20
89	Distinct properties of the egress-related osmiophilic bodies in male and female gametocytes of the rodent malaria parasite Plasmodium berghei. *Cellular Microbiology*, **2015**, 17, 355-68	3.9	34
88	Control of disease tolerance to malaria by nitric oxide and carbon monoxide. *Cell Reports*, **2014**, 8, 126-36	10.6	49
87	Two Plasmodium 6-Cys family-related proteins have distinct and critical roles in liver-stage development. *FASEB Journal*, **2014**, 28, 2158-70	0.9	64
86	P. berghei telomerase subunit TERT is essential for parasite survival. *PLoS ONE*, **2014**, 9, e108930	3.7	8
85	Genome-wide RIP-Chip analysis of translational repressor-bound mRNAs in the Plasmodium gametocyte. *Genome Biology*, **2014**, 15, 493	18.3	57
84	The subcellular location of ovalbumin in Plasmodium berghei blood stages influences the magnitude of T-cell responses. *Infection and Immunity*, **2014**, 82, 4654-65	3.7	14
83	A comprehensive evaluation of rodent malaria parasite genomes and gene expression. *BMC Biology* , **2014**, 12, 86	7.3	174
82	Plasmodium falciparum Rab5B is an N-terminally myristoylated Rab GTPase that is targeted to the parasiteTs plasma and food vacuole membranes. *PLoS ONE*, **2014**, 9, e87695	3.7	27
81	A genetically attenuated malaria vaccine candidate based on P. falciparum b9/slarp gene-deficient sporozoites. *ELife*, **2014**, 3,	8.9	53
80	Hemozoin induces lung inflammation and correlates with malaria-associated acute respiratory distress syndrome. *American Journal of Respiratory Cell and Molecular Biology*, **2013**, 48, 589-600	5.7	66
79	Plasmodium liver load following parenteral sporozoite administration in rodents. *Vaccine*, **2013**, 31, 3410-6	4.6	20

78	Loss-of-function analyses defines vital and redundant functions of the Plasmodium rhomboid protease family. *Molecular Microbiology*, **2013**, 88, 318-38	4.1	34
77	Standardization in generating and reporting genetically modified rodent malaria parasites: the RMgmDB database. *Methods in Molecular Biology*, **2013**, 923, 139-50	1.4	12
76	Bioluminescence imaging of P. berghei Schizont sequestration in rodents. *Methods in Molecular Biology*, **2013**, 923, 353-68	1.4	8
75	Quantitative analysis of Plasmodium berghei liver stages by bioluminescence imaging. *Methods in Molecular Biology*, **2013**, 923, 429-43	1.4	23
74	Proteomic and genetic analyses demonstrate that Plasmodium berghei blood stages export a large and diverse repertoire of proteins. *Molecular and Cellular Proteomics*, **2013**, 12, 426-48	7.6	52
73	Why are male malaria parasites in such a rush?: Sex-specific evolution and host-parasite interactions. *Evolution, Medicine and Public Health*, **2013**, 2013, 3-13	3	7
72	Transgenic fluorescent Plasmodium cynomolgi liver stages enable live imaging and purification of Malaria hypnozoite-forms. *PLoS ONE*, **2013**, 8, e54888	3.7	40
71	Assessing the adequacy of attenuation of genetically modified malaria parasite vaccine candidates. *Vaccine*, **2012**, 30, 2662-70	4.1	56
70	Genetic engineering of attenuated malaria parasites for vaccination. *Current Opinion in Biotechnology*, **2012**, 23, 908-16	11.4	41
69	Salivary gland-specific P. berghei reporter lines enable rapid evaluation of tissue-specific sporozoite loads in mosquitoes. *PLoS ONE*, **2012**, 7, e36376	3.7	13
68	A putative homologue of CDC20/CDH1 in the malaria parasite is essential for male gamete development. *PLoS Pathogens*, **2012**, 8, e1002554	7.6	37
67	Reduced CD36-dependent tissue sequestration of Plasmodium-infected erythrocytes is detrimental to malaria parasite growth in vivo. *Journal of Experimental Medicine*, **2012**, 209, 93-107	16.6	79
66	A Plasmodium-encoded cytokine suppresses T-cell immunity during malaria. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, E2117-26	11.5	55
65	Experimentally controlled downregulation of the histone chaperone FACT in Plasmodium berghei reveals that it is critical to male gamete fertility. *Cellular Microbiology*, **2011**, 13, 1956-74	3.9	30
64	The novel putative transporter NPT1 plays a critical role in early stages of Plasmodium berghei sexual development. *Molecular Microbiology*, **2011**, 81, 1343-57	4.1	22
63	A genotype and phenotype database of genetically modified malaria-parasites. *Trends in Parasitology*, **2011**, 27, 31-9	6.4	45
62	Has the time come for us to complement our malaria parasites?. *Trends in Parasitology*, **2011**, 27, 1-2	6.4	19
61	Plasmodium Cysteine Repeat Modular Proteins 3 and 4 are essential for malaria parasite transmission from the mosquito to the host. *Malaria Journal*, **2011**, 10, 71	3.6	21

60	Development of the piggyBac transposable system for Plasmodium berghei and its application for random mutagenesis in malaria parasites. *BMC Genomics*, **2011**, 12, 155	4.5	24
59	Rodent blood-stage Plasmodium survive in dendritic cells that infect naive mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 11205-10	11.5	44
58	CCR4-associated factor 1 coordinates the expression of Plasmodium falciparum egress and invasion proteins. *Eukaryotic Cell*, **2011**, 10, 1257-63		32
57	Aminoindoles, a novel scaffold with potent activity against Plasmodium falciparum. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 2612-22	5.9	26
56	A novel Tgene insertion/marker outT(GIMO) method for transgene expression and gene complementation in rodent malaria parasites. *PLoS ONE*, **2011**, 6, e29289	3.7	78
55	Removal of heterologous sequences from Plasmodium falciparum mutants using FLPe-recombinase. *PLoS ONE*, **2010**, 5, e15121	3.7	33
54	Glutathione reductase-null malaria parasites have normal blood stage growth but arrest during development in the mosquito. *Journal of Biological Chemistry*, **2010**, 285, 27045-27056	5.4	39
53	Three members of the 6-cys protein family of Plasmodium play a role in gamete fertility. *PLoS Pathogens*, **2010**, 6, e1000853	7.6	145
52	Novel inhibitors of Plasmodium falciparum dihydroorotate dehydrogenase with anti-malarial activity in the mouse model. *Journal of Biological Chemistry*, **2010**, 285, 33054-33064	5.4	105
51	Plasmodium falciparum dynein light chain 1 interacts with actin/myosin during blood stage development. *Journal of Biological Chemistry*, **2010**, 285, 20180-91	5.4	10
50	Universal features of post-transcriptional gene regulation are critical for Plasmodium zygote development. *PLoS Pathogens*, **2010**, 6, e1000767	7.6	180
49	Sequestration and tissue accumulation of human malaria parasites: can we learn anything from rodent models of malaria?. *PLoS Pathogens*, **2010**, 6, e1001032	7.6	80
48	Plasmepsin 4-deficient Plasmodium berghei are virulence attenuated and induce protective immunity against experimental malaria. *American Journal of Pathology*, **2010**, 176, 205-17	5.8	81
47	Visualisation and quantitative analysis of the rodent malaria liver stage by real time imaging. *PLoS ONE*, **2009**, 4, e7881	3.7	179
46	Molecular genetics and comparative genomics reveal RNAi is not functional in malaria parasites. *Nucleic Acids Research*, **2009**, 37, 3788-98	20.1	148
45	A cyclic GMP signalling module that regulates gliding motility in a malaria parasite. *PLoS Pathogens*, **2009**, 5, e1000599	7.6	133
44	The glutathione biosynthetic pathway of Plasmodium is essential for mosquito transmission. *PLoS Pathogens*, **2009**, 5, e1000302	7.6	48
43	Analysis of mutant Plasmodium berghei parasites lacking expression of multiple PbCCp genes. *Molecular and Biochemical Parasitology*, **2009**, 163, 1-7	1.9	34

42	Localisation and timing of expression of putative Plasmodium berghei rhoptry proteins in merozoites and sporozoites. *Molecular and Biochemical Parasitology*, **2009**, 166, 22-31	1.9	30
41	Egress of Plasmodium berghei gametes from their host erythrocyte is mediated by the MDV-1/PEG3 protein. *Cellular Microbiology*, **2009**, 11, 1272-88	3.9	78
40	Going live: a comparative analysis of the suitability of the RFP derivatives RedStar, mCherry and tdTomato for intravital and in vitro live imaging of Plasmodium parasites. *Biotechnology Journal*, **2009**, 4, 895-902	5.6	50
39	The Plasmodium TRAP/MIC2 family member, TRAP-Like Protein (TLP), is involved in tissue traversal by sporozoites. *Cellular Microbiology*, **2008**, 10, 1505-16	3.9	87
38	The malaria secretome: from algorithms to essential function in blood stage infection. *PLoS Pathogens*, **2008**, 4, e1000084	7.6	112
37	Proteomic profiling of Plasmodium sporozoite maturation identifies new proteins essential for parasite development and infectivity. *PLoS Pathogens*, **2008**, 4, e1000195	7.6	164
36	A conserved U-rich RNA region implicated in regulation of translation in Plasmodium female gametocytes. *Nucleic Acids Research*, **2008**, 36, 1176-86	20.1	47
35	Plasmodium lipid rafts contain proteins implicated in vesicular trafficking and signalling as well as members of the PIR superfamily, potentially implicated in host immune system interactions. *Proteomics*, **2008**, 8, 2500-13	4.8	32
34	Gene disruption of Plasmodium falciparum p52 results in attenuation of malaria liver stage development in cultured primary human hepatocytes. *PLoS ONE*, **2008**, 3, e3549	3.7	78
33	A role for natural regulatory T cells in the pathogenesis of experimental cerebral malaria. *American Journal of Pathology*, **2007**, 171, 548-59	5.8	142
32	Genetically attenuated P36p-deficient Plasmodium berghei sporozoites confer long-lasting and partial cross-species protection. *International Journal for Parasitology*, **2007**, 37, 1511-9	4.3	56
31	The exoneme helps malaria parasites to break out of blood cells. *Cell*, **2007**, 131, 1036-8	56.2	5
30	Functional characterization of the Plasmodium falciparum and P. berghei homologues of macrophage migration inhibitory factor. *Infection and Immunity*, **2007**, 75, 1116-28	3.7	69
29	High efficiency transfection of Plasmodium berghei facilitates novel selection procedures. *Molecular and Biochemical Parasitology*, **2006**, 145, 60-70	1.9	341
28	Pfs47, paralog of the male fertility factor Pfs48/45, is a female specific surface protein in Plasmodium falciparum. *Molecular and Biochemical Parasitology*, **2006**, 149, 216-22	1.9	81
27	Regulation of sexual development of Plasmodium by translational repression. *Science*, **2006**, 313, 667-9	33.3	333
26	High-efficiency transfection and drug selection of genetically transformed blood stages of the rodent malaria parasite Plasmodium berghei. *Nature Protocols*, **2006**, 1, 346-56	18.8	414
25	Real-time in vivo imaging of transgenic bioluminescent blood stages of rodent malaria parasites in mice. *Nature Protocols*, **2006**, 1, 476-85	18.8	76

24	Selection by flow-sorting of genetically transformed, GFP-expressing blood stages of the rodent malaria parasite, Plasmodium berghei. *Nature Protocols*, **2006**, 1, 614-23	18.8	81
23	Plasmodium post-genomics: better the bug you know?. *Nature Reviews Microbiology*, **2006**, 4, 344-57	22.2	58
22	Towards systematic identification of Plasmodium essential genes by transposon shuttle mutagenesis. *Nucleic Acids Research*, **2005**, 33, e174	20.1	19
21	Proteome analysis of separated male and female gametocytes reveals novel sex-specific Plasmodium biology. *Cell*, **2005**, 121, 675-87	56.2	290
20	A comprehensive survey of the Plasmodium life cycle by genomic, transcriptomic, and proteomic analyses. *Science*, **2005**, 307, 82-6	33.3	662
19	A Plasmodium whole-genome synteny map: indels and synteny breakpoints as foci for species-specific genes. *PLoS Pathogens*, **2005**, 1, e44	7.6	115
18	Murine malaria parasite sequestration: CD36 is the major receptor, but cerebral pathology is unlinked to sequestration. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 11468-73	11.5	239
17	Genetically attenuated, P36p-deficient malarial sporozoites induce protective immunity and apoptosis of infected liver cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 12194-9	11.5	217
16	A Plasmodium berghei reference line that constitutively expresses GFP at a high level throughout the complete life cycle. *Molecular and Biochemical Parasitology*, **2004**, 137, 23-33	1.9	393
15	Complement-like protein TEP1 is a determinant of vectorial capacity in the malaria vector Anopheles gambiae. *Cell*, **2004**, 116, 661-70	56.2	455
14	Malaria parasites lacking eef1a have a normal S/M phase yet grow more slowly due to a longer G1 phase. *Molecular Microbiology*, **2003**, 50, 1539-51	4.1	41
13	Genome sequence and comparative analysis of the model rodent malaria parasite Plasmodium yoelii yoelii. *Nature*, **2002**, 419, 512-9	50.4	591
12	Episomal transformation of Plasmodium berghei. *Methods in Molecular Medicine*, **2002**, 72, 305-15		3
11	Functional equivalence of structurally distinct ribosomes in the malaria parasite, Plasmodium berghei. *Journal of Biological Chemistry*, **2001**, 276, 22638-47	5.4	67
10	A central role for P48/45 in malaria parasite male gamete fertility. *Cell*, **2001**, 104, 153-64	56.2	283
9	The selectable marker human dihydrofolate reductase enables sequential genetic manipulation of the Plasmodium berghei genome. *Molecular and Biochemical Parasitology*, **2000**, 106, 199-212	1.9	82
8	The development of genetic tools for dissecting the biology of malaria parasites. *Annual Review of Microbiology*, **2000**, 54, 157-85	17.5	87
7	Heterogeneous ribosome populations are present in Plasmodium berghei during development in its vector. *Molecular Microbiology*, **1999**, 31, 253-60	4.1	29

6	Transfection of the primate malaria parasite Plasmodium knowlesi using entirely heterologous constructs. *Journal of Experimental Medicine*, **1997**, 185, 1499-503	16.6	70
5	Circumsporozoite protein is required for development of malaria sporozoites in mosquitoes. *Nature*, **1997**, 385, 336-40	50.4	231
4	Replication, expression and segregation of plasmid-borne DNA in genetically transformed malaria parasites. *Molecular and Biochemical Parasitology*, **1997**, 86, 155-62	1.9	38
3	Computer software for testing drug susceptibility of malaria parasites. *Cytometry*, **1995**, 19, 273-81		18
2	Mechanisms of pyrimethamine resistance in two different strains of Plasmodium berghei. *Molecular and Biochemical Parasitology*, **1994**, 68, 167-71	1.9	33
1	Flow cytometric screening of blood samples for malaria parasites. *Cytometry*, **1993**, 14, 276-80		42