

Toshihiro Horii

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3832278/publications.pdf>

Version: 2024-02-01

211
papers

9,309
citations

38742

50
h-index

56724

83
g-index

325
all docs

325
docs citations

325
times ranked

9309
citing authors

#	ARTICLE	IF	CITATIONS
1	Walsogynes Hâ€™O from Walsura chrysogyne. Journal of Natural Medicines, 2022, 76, 94-101.	2.3	8
2	Caloforines Aâ€™G, coumarins from the bark of Calophyllum scriblitifolium. Journal of Natural Medicines, 2022, 76, 645-653.	2.3	6
3	Chukranoids Aâ€™I, isopimarane diterpenoids from Chukrasia velutina. Journal of Natural Medicines, 2022, 76, 756-764.	2.3	8
4	Lysercell M enhances the detection of stage-specific Plasmodium-infected red blood cells in the automated hematology analyzer XN-31 prototype. Parasitology International, 2021, 80, 102206.	1.3	15
5	Characterization of a Plasmodium falciparum PHISTc protein, PF3D7_0801000, in blood-stage malaria parasites. Parasitology International, 2021, 80, 102240.	1.3	2
6	Bisindole alkaloids from Voacanga grandifolia leaves. Journal of Natural Medicines, 2021, 75, 408-414.	2.3	13
7	Ex vivo susceptibility of Plasmodium falciparum to antimalarial drugs in Northern Uganda. Parasitology International, 2021, 81, 102277.	1.3	9
8	Two new bisindole alkaloids from Tabernaemontana macrocarpa Jack. Journal of Natural Medicines, 2021, 75, 633-642.	2.3	12
9	Assessment of Mixed Plasmodium falciparumâ€™s Infection in Endemic Burkitt Lymphoma: A Case-Control Study in Malawi. Cancers, 2021, 13, 1692.	3.7	9
10	Plasmodium falciparum RIFIN is a novel ligand for inhibitory immune receptor LILRB2. Biochemical and Biophysical Research Communications, 2021, 548, 167-173.	2.1	12
11	Divaricamine A, a new anti-malarial trimeric monoterpene indole alkaloid from Tabernaemontana divaricata. Tetrahedron Letters, 2021, 83, 153423.	1.4	7
12	Evidence of Artemisinin-Resistant Malaria in Africa. New England Journal of Medicine, 2021, 385, 1163-1171.	27.0	413
13	A Novel Trimeric Triterpene From <i>Chisocheton ceramicus</i> Miq. Natural Product Communications, 2021, 16, 1934578X2110532.	0.5	0
14	First-in-human randomised trial and follow-up study of Plasmodium falciparum blood-stage malaria vaccine BK-SE36 with CpG-ODN(K3). Vaccine, 2020, 38, 7246-7257.	3.8	19
15	Implementation of a red blood cell-optical (RBO) channel for detection of latent iron deficiency anaemia by automated measurement of autofluorescence-emitting red blood cells. Scientific Reports, 2020, 10, 15605.	3.3	0
16	Global Repertoire of Human Antibodies Against Plasmodium falciparum RIFINs, SURFINs, and STEVORs in a Malaria Exposed Population. Frontiers in Immunology, 2020, 11, 893.	4.8	15
17	Recovery and stable persistence of chloroquine sensitivity in Plasmodium falciparum parasites after its discontinued use in Northern Uganda. Malaria Journal, 2020, 19, 76.	2.3	23
18	The malaria parasite Plasmodium falciparum in red blood cells selectively takes up serum proteins that affect host pathogenicity. Malaria Journal, 2020, 19, 155.	2.3	14

#	ARTICLE	IF	CITATIONS
19	Characteristic features of the SERA multigene family in the malaria parasite. <i>Parasites and Vectors</i> , 2020, 13, 170.	2.5	15
20	Malaria vaccines: facing unknowns. <i>F1000Research</i> , 2020, 9, 296.	1.6	8
21	Structure-Activity Relationship of Anti-malarial Allylpyrocatechol Isolated from <i>Piper betle</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 784-790.	1.3	3
22	In vitro and in vivo characterization of anti-malarial acylphenoxazine derivatives prepared from basic blue 3. <i>Malaria Journal</i> , 2019, 18, 237.	2.3	3
23	Comprehensive subspecies identification of 175 nontuberculous mycobacteria species based on 7547 genomic profiles. <i>Emerging Microbes and Infections</i> , 2019, 8, 1043-1053.	6.5	77
24	Apicoplast phylogeny reveals the position of <i>Plasmodium vivax</i> basal to the Asian primate malaria parasite clade. <i>Scientific Reports</i> , 2019, 9, 7274.	3.3	15
25	Two new sarpagine-type indole alkaloids and antimalarial activity of 16-demethoxycarbonylvoacamine from <i>Tabernaemontana macrocarpa</i> Jack. <i>Journal of Natural Medicines</i> , 2019, 73, 820-825.	2.3	21
26	Leucophyllinines A and B, bisindole alkaloids from <i>Leuconotis eugeniifolia</i> . <i>Journal of Natural Medicines</i> , 2019, 73, 533-540.	2.3	18
27	The N-Terminal Region of <i>Plasmodium falciparum</i> MSP10 Is a Target of Protective Antibodies in Malaria and Is Important for PfGAMA/PfMSP10 Interaction. <i>Frontiers in Immunology</i> , 2019, 10, 2669.	4.8	13
28	Application of the automated haematology analyzer XN-30 for discovery and development of anti-malarial drugs. <i>Malaria Journal</i> , 2019, 18, 8.	2.3	27
29	An automated haematology analyzer XN-30 distinguishes developmental stages of <i>falciparum</i> malaria parasite cultured in vitro. <i>Malaria Journal</i> , 2018, 17, 59.	2.3	37
30	Molecular Camouflage of <i>Plasmodium falciparum</i> Merozoites by Binding of Host Vitronectin to P47 Fragment of SERA5. <i>Scientific Reports</i> , 2018, 8, 5052.	3.3	25
31	Bifunctional activity of fused <i>Plasmodium falciparum</i> orotate phosphoribosyltransferase and orotidine 5'-monophosphate decarboxylase. <i>Parasitology International</i> , 2018, 67, 79-84.	1.3	4
32	Comprehensive analysis of antibody responses to <i>Plasmodium falciparum</i> erythrocyte membrane protein 1 domains. <i>Vaccine</i> , 2018, 36, 6826-6833.	3.8	19
33	Adaptation of the <i>Plasmodium falciparum</i> FCB strain for in vitro and in vivo analysis in squirrel monkeys (<i>Saimiri sciureus</i>). <i>Parasitology International</i> , 2018, 67, 601-604.	1.3	2
34	Artemisinin-Resistant <i>Plasmodium falciparum</i> with High Survival Rates, Uganda, 2014-2016. <i>Emerging Infectious Diseases</i> , 2018, 24, 718-726.	4.3	104
35	Application of the automated haematology analyzer XN-30 in an experimental rodent model of malaria. <i>Malaria Journal</i> , 2018, 17, 165.	2.3	12
36	Antibody profiles to wheat germ cell-free system synthesized <i>Plasmodium falciparum</i> proteins correlate with protection from symptomatic malaria in Uganda. <i>Vaccine</i> , 2017, 35, 873-881.	3.8	55

#	ARTICLE	IF	CITATIONS
37	The clinical and phylogenetic investigation for a nosocomial outbreak of respiratory syncytial virus infection in an adult hemato-oncology unit. <i>Journal of Medical Virology</i> , 2017, 89, 1364-1372.	5.0	17
38	Mechanistic and structural basis of bioengineered bovine Cathelicidin-5 with optimized therapeutic activity. <i>Scientific Reports</i> , 2017, 7, 44781.	3.3	10
39	<i>Plasmodium</i> products persist in the bone marrow and promote chronic bone loss. <i>Science Immunology</i> , 2017, 2, .	11.9	32
40	Draft Genome Sequence of <i>Plasmodium gonderi</i> , a Malaria Parasite of African Old World Monkeys. <i>Genome Announcements</i> , 2017, 5, .	0.8	6
41	Sero-catalytic and Antibody Acquisition Models to Estimate Differing Malaria Transmission Intensities in Western Kenya. <i>Scientific Reports</i> , 2017, 7, 16821.	3.3	15
42	Characterization of SPP inhibitors suppressing propagation of HCV and protozoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10782-E10791.	7.1	8
43	Immune evasion of <i>Plasmodium falciparum</i> by RIFIN via inhibitory receptors. <i>Nature</i> , 2017, 552, 101-105.	27.8	118
44	A possible origin population of pathogenic intestinal nematodes, <i>Strongyloides stercoralis</i> , unveiled by molecular phylogeny. <i>Scientific Reports</i> , 2017, 7, 4844.	3.3	62
45	Absence of in vivo selection for K13 mutations after artemether-lumefantrine treatment in Uganda. <i>Malaria Journal</i> , 2017, 16, 23.	2.3	24
46	Fungal ITS1 Deep-Sequencing Strategies to Reconstruct the Composition of a 26-Species Community and Evaluation of the Gut Mycobiota of Healthy Japanese Individuals. <i>Frontiers in Microbiology</i> , 2017, 8, 238.	3.5	79
47	<i>Wuchereria bancrofti</i> infection at four primary schools and surrounding communities with no previous blood surveys in northern Uganda: the prevalence after mass drug administrations and a report on suspected non-filarial endemic elephantiasis. <i>Tropical Medicine and Health</i> , 2017, 45, 20.	2.8	2
48	An Epidemiological Analysis of Summer Influenza Epidemics in Okinawa. <i>Internal Medicine</i> , 2016, 55, 3579-3584.	0.7	20
49	Identification of <i>Plasmodium falciparum</i> reticulocyte binding protein homologue 5-interacting protein, PfRipr, as a highly conserved blood-stage malaria vaccine candidate. <i>Vaccine</i> , 2016, 34, 5612-5622.	3.8	25
50	Application of a cell microarray chip system for accurate, highly sensitive and rapid diagnosis for malaria in Uganda. <i>Scientific Reports</i> , 2016, 6, 30136.	3.3	24
51	Immunogenicity and protection from malaria infection in BK-SE36 vaccinated volunteers in Uganda is not influenced by HLA-DRB1 alleles. <i>Parasitology International</i> , 2016, 65, 455-458.	1.3	2
52	Mutation tendency of mutator <i>Plasmodium berghei</i> with proofreading-deficient DNA polymerase β . <i>Scientific Reports</i> , 2016, 6, 36971.	3.3	11
53	Contrasting Patterns of Serologic and Functional Antibody Dynamics to <i>Plasmodium falciparum</i> Antigens in a Kenyan Birth Cohort. <i>Vaccine Journal</i> , 2016, 23, 104-116.	3.1	24
54	Antibody titres and boosting after natural malaria infection in BK-SE36 vaccine responders during a follow-up study in Uganda. <i>Scientific Reports</i> , 2016, 6, 34363.	3.3	15

#	ARTICLE	IF	CITATIONS
55	Plasmodium berghei ANKA causes intestinal malaria associated with dysbiosis. Scientific Reports, 2015, 5, 15699.	3.3	67
56	Emergence of infectious malignant thrombocytopenia in Japanese macaques (Macaca fuscata) by SRV-4 after transmission to a novel host. Scientific Reports, 2015, 5, 8850.	3.3	14
57	Curriculum vitae of Dr. Kazuyuki Tanabe (as of August 12, 2013). Parasitology International, 2015, 64, vii.	1.3	0
58	Contrasting infection susceptibility of the Japanese macaques and cynomolgus macaques to closely related malaria parasites, Plasmodium vivax and Plasmodium cynomolgi. Parasitology International, 2015, 64, 274-281.	1.3	19
59	Recent advances in recombinant protein-based malaria vaccines. Vaccine, 2015, 33, 7433-7443.	3.8	97
60	Preclinical Studies on a New Vaccine Formulation of BK-SE36, a Malaria Vaccine Candidate. Juntendo Medical Journal, 2015, 61, 360-369.	0.1	3
61	Hematological and Biochemical Data Obtained in Rural Northern Uganda. International Journal of Environmental Research and Public Health, 2014, 11, 4870-4885.	2.6	4
62	Decisions for the future. Human Vaccines and Immunotherapeutics, 2014, 10, 7-10.	3.3	3
63	Comprehensive metagenomic approach for detecting causative microorganisms in culture-negative infective endocarditis. International Journal of Cardiology, 2014, 172, e288-e289.	1.7	25
64	Performance comparison of second- and third-generation sequencers using a bacterial genome with two chromosomes. BMC Genomics, 2014, 15, 699.	2.8	93
65	Generation of Rodent Malaria Parasites with a High Mutation Rate by Destructing Proofreading Activity of DNA Polymerase ϵ . DNA Research, 2014, 21, 439-446.	3.4	16
66	Olfactory Plays a Key Role in Spatiotemporal Pathogenesis of Cerebral Malaria. Cell Host and Microbe, 2014, 15, 551-563.	11.0	51
67	Protective Epitopes of the Plasmodium falciparum SERA5 Malaria Vaccine Reside in Intrinsically Unstructured N-Terminal Repetitive Sequences. PLoS ONE, 2014, 9, e98460.	2.5	38
68	Metagenomic profile of gut microbiota in children during cholera and recovery. Gut Pathogens, 2013, 5, 1.	3.4	118
69	Plasmodium falciparum mitochondrial genetic diversity exhibits isolation-by-distance patterns supporting a sub-Saharan African origin. Mitochondrion, 2013, 13, 630-636.	3.4	15
70	Within-population genetic diversity of Plasmodium falciparum vaccine candidate antigens reveals geographic distance from a Central sub-Saharan African origin. Vaccine, 2013, 31, 1334-1339.	3.8	25
71	Association of naturally acquired IgG antibodies against Plasmodium falciparum serine repeat antigen-5 with reduced placental parasitemia and normal birth weight in pregnant Ugandan women: A pilot study. Parasitology International, 2013, 62, 237-239.	1.3	9
72	Fatal sepsis caused by an unusual Klebsiella species that was misidentified by an automated identification system. Journal of Medical Microbiology, 2013, 62, 801-803.	1.8	60

#	ARTICLE	IF	CITATIONS
73	TLR9 adjuvants enhance immunogenicity and protective efficacy of the SE36/AHG malaria vaccine in nonhuman primate models. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 283-290.	3.3	44
74	Endemic Burkitt lymphoma is associated with strength and diversity of <i>Plasmodium falciparum</i> malaria stage-specific antigen antibody response. <i>Blood</i> , 2013, 122, 629-635.	1.4	31
75	Phase 1b Randomized Trial and Follow-Up Study in Uganda of the Blood-Stage Malaria Vaccine Candidate BK-SE36. <i>PLoS ONE</i> , 2013, 8, e64073.	2.5	73
76	<i>Plasmodium cynomolgi</i> genome sequences provide insight into <i>Plasmodium vivax</i> and the monkey malaria clade. <i>Nature Genetics</i> , 2012, 44, 1051-1055.	21.4	172
77	Lipocalin 2 Bolsters Innate and Adaptive Immune Responses to Blood-Stage Malaria Infection by Reinforcing Host Iron Metabolism. <i>Cell Host and Microbe</i> , 2012, 12, 705-716.	11.0	50
78	The in silico screening and X-ray structure analysis of the inhibitor complex of <i>Plasmodium falciparum</i> orotidine 5'-monophosphate decarboxylase. <i>Journal of Biochemistry</i> , 2012, 152, 133-138.	1.7	10
79	Geographic differentiation of polymorphism in the <i>Plasmodium falciparum</i> malaria vaccine candidate gene SERA5. <i>Vaccine</i> , 2012, 30, 1583-1593.	3.8	28
80	Age of the last common ancestor of extant <i>Plasmodium</i> parasite lineages. <i>Gene</i> , 2012, 502, 36-39.	2.2	7
81	Novel type of linear mitochondrial genomes with dual flip-flop inversion system in apicomplexan parasites, <i>Babesia microti</i> and <i>Babesia rodhaini</i> . <i>BMC Genomics</i> , 2012, 13, 622.	2.8	23
82	Frequency of D222G and Q223R Hemagglutinin Mutants of Pandemic (H1N1) 2009 Influenza Virus in Japan between 2009 and 2010. <i>PLoS ONE</i> , 2012, 7, e30946.	2.5	20
83	Gibberellin Biosynthetic Inhibitors Make Human Malaria Parasite <i>Plasmodium falciparum</i> Cells Swell and Rupture to Death. <i>PLoS ONE</i> , 2012, 7, e32246.	2.5	7
84	Crystallization and preliminary X-ray diffraction analysis of orotate phosphoribosyltransferase from the human malaria parasite <i>Plasmodium falciparum</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 244-246.	0.7	2
85	The <i>Plasmodium</i> Apicoplast Genome: Conserved Structure and Close Relationship of <i>P. ovale</i> to Rodent Malaria Parasites. <i>Molecular Biology and Evolution</i> , 2012, 29, 2095-2099.	8.9	42
86	Transcutaneous immunization using a dissolving microneedle array protects against tetanus, diphtheria, malaria, and influenza. <i>Journal of Controlled Release</i> , 2012, 160, 495-501.	9.9	124
87	Antibodies reactive to <i>Plasmodium falciparum</i> serine repeat antigen in children with Burkitt lymphoma from Ghana. <i>International Journal of Cancer</i> , 2012, 130, 1908-1914.	5.1	10
88	Worldwide sequence conservation of transmission-blocking vaccine candidate Pvs230 in <i>Plasmodium vivax</i> . <i>Vaccine</i> , 2011, 29, 4308-4315.	3.8	35
89	<i>Plasmodium falciparum</i> serine repeat antigen 5 (SE36) as a malaria vaccine candidate. <i>Vaccine</i> , 2011, 29, 5837-5845.	3.8	38
90	Gut Microbiota of Healthy and Malnourished Children in Bangladesh. <i>Frontiers in Microbiology</i> , 2011, 2, 228.	3.5	157

#	ARTICLE	IF	CITATIONS
91	Clues to Evolution of the SERA Multigene Family in 18 Plasmodium Species. PLoS ONE, 2011, 6, e17775.	2.5	37
92	Recent increase of genetic diversity in Plasmodium vivax population in the Republic of Korea. Malaria Journal, 2011, 10, 257.	2.3	14
93	Concatenated mitochondrial DNA of the coccidian parasite Eimeria tenella. Mitochondrion, 2011, 11, 273-278.	3.4	41
94	Novel Strategies to Improve DNA Vaccine Immunogenicity. Current Gene Therapy, 2011, 11, 479-484.	2.0	99
95	Spontaneous Mutations in the <i>Plasmodium falciparum</i> Sarcoplasmic/ Endoplasmic Reticulum Ca ²⁺ -ATPase (PfATP6) Gene among Geographically Widespread Parasite Populations Unexposed to Artemisinin-Based Combination Therapies. Antimicrobial Agents and Chemotherapy, 2011, 55, 94-100.	3.2	23
96	Serologic Markers in Relation to Parasite Exposure History Help to Estimate Transmission Dynamics of Plasmodium vivax. PLoS ONE, 2011, 6, e28126.	2.5	26
97	Plasmacytoid Dendritic Cells Delineate Immunogenicity of Influenza Vaccine Subtypes. Science Translational Medicine, 2010, 2, 25ra24.	12.4	124
98	Lineage-specific positive selection at the merozoite surface protein 1 (msp1) locus of Plasmodium vivax and related simian malaria parasites. BMC Evolutionary Biology, 2010, 10, 52.	3.2	24
99	Plasmodium falciparum Accompanied the Human Expansion out of Africa. Current Biology, 2010, 20, 1283-1289.	3.9	121
100	Experimental cerebral malaria progresses independently of the Nlrp3 inflammasome. European Journal of Immunology, 2010, 40, 764-769.	2.9	66
101	New anti-malarial phenylpropanoid conjugated iridoids from Morinda morindoides. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1520-1523.	2.2	26
102	Divergence of the Mitochondrial Genome Structure in the Apicomplexan Parasites, Babesia and Theileria. Molecular Biology and Evolution, 2010, 27, 1107-1116.	8.9	91
103	The Malarial Metabolite Hemozoin and Its Potential Use as a Vaccine Adjuvant. Allergy International, 2010, 59, 115-124.	3.3	47
104	Limited Polymorphism of the Plasmodium vivax Merozoite Surface Protein 1 Gene in Isolates from Turkey. American Journal of Tropical Medicine and Hygiene, 2010, 83, 1230-1237.	1.4	16
105	TLR9 and endogenous adjuvants of the whole blood-stage malaria vaccine. Expert Review of Vaccines, 2010, 9, 775-784.	4.4	13
106	Evidences of protection against blood-stage infection of Plasmodium falciparum by the novel protein vaccine SE36. Parasitology International, 2010, 59, 380-386.	1.3	61
107	Phylogeny of Asian primate malaria parasites inferred from apicoplast genome-encoded genes with special emphasis on the positions of Plasmodium vivax and P. fragile. Gene, 2010, 450, 32-38.	2.2	25
108	Immunogenicity of Whole-Parasite Vaccines against Plasmodium falciparum Involves Malarial Hemozoin and Host TLR9. Cell Host and Microbe, 2010, 7, 50-61.	11.0	135

#	ARTICLE	IF	CITATIONS
109	Rapid and Highly Sensitive Detection of Malaria-Infected Erythrocytes Using a Cell Microarray Chip. PLoS ONE, 2010, 5, e13179.	2.5	38
110	Clinical development of malaria vaccine. Drug Delivery System, 2010, 25, 37-45.	0.0	0
111	Identification of Plasmodium malariae, a Human Malaria Parasite, in Imported Chimpanzees. PLoS ONE, 2009, 4, e7412.	2.5	48
112	Direct Metagenomic Detection of Viral Pathogens in Nasal and Fecal Specimens Using an Unbiased High-Throughput Sequencing Approach. PLoS ONE, 2009, 4, e4219.	2.5	240
113	Innate immune control of nucleic acid-based vaccine immunogenicity. Expert Review of Vaccines, 2009, 8, 1099-1107.	4.4	32
114	Evolution and phylogeny of the heterogeneous cytosolic SSU rRNA genes in the genus Plasmodium. Molecular Phylogenetics and Evolution, 2008, 47, 45-53.	2.7	53
115	Big Bang in the Evolution of Extant Malaria Parasites. Molecular Biology and Evolution, 2008, 25, 2233-2239.	8.9	94
116	Post-immune UV irradiation induces Tr1-like regulatory T cells that suppress humoral immune responses. International Immunology, 2008, 20, 57-70.	4.0	25
117	Metagenomic Diagnosis of Bacterial Infections. Emerging Infectious Diseases, 2008, 14, 1784-1786.	4.3	116
118	Production of High-Affinity Human Monoclonal Antibody Fab Fragments to the 19-Kilodalton C-Terminal Merozoite Surface Protein 1 of Plasmodium falciparum. Infection and Immunity, 2007, 75, 3614-3620.	2.2	15
119	Molecular Interaction of Ferredoxin and Ferredoxin-NADP+ Reductase from Human Malaria Parasite. Journal of Biochemistry, 2007, 142, 715-720.	1.7	20
120	Manipulation of host innate immune responses by the malaria parasite. Trends in Microbiology, 2007, 15, 271-278.	7.7	71
121	Allelic dimorphism-associated restriction of recombination in Plasmodium falciparum msp1. Gene, 2007, 397, 153-160.	2.2	26
122	Structural Basis for the Decarboxylation of Orotidine 5'-Monophosphate (OMP) by Plasmodium Falciparum OMP Decarboxylase. Journal of Biochemistry, 2007, 143, 69-78.	1.7	25
123	Progress in the molecular biology of malaria and the immunology of nematode infections. Trends in Parasitology, 2007, 23, 175-181.	3.3	3
124	Recent independent evolution of msp1 polymorphism in Plasmodium vivax and related simian malaria parasites. Molecular and Biochemical Parasitology, 2007, 156, 74-79.	1.1	45
125	Phylogeny and Evolution of the SERA Multigene Family in the Genus Plasmodium. Journal of Molecular Evolution, 2007, 65, 82-91.	1.8	31
126	æ-¥æœ-ç™ªã®ãfžãf ©ãfªã,çãf-ã,ãfãfªã®ÿç™ªCE-ã,ã,ã-ã-ã. Japanese Journal of Clinical Pharmacology and Therapeutics, 2007, 3		

#	ARTICLE	IF	CITATIONS
127	Pathological role of Toll-like receptor signaling in cerebral malaria. <i>International Immunology</i> , 2006, 19, 67-79.	4.0	144
128	Crystallization and preliminary crystallographic analysis of orotidine 5'-monophosphate decarboxylase from the human malaria parasite <i>Plasmodium falciparum</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 542-545.	0.7	9
129	<i>Plasmodium vivax</i> serine repeat antigen (SERA) multigene family exhibits similar expression patterns in independent infections. <i>Molecular and Biochemical Parasitology</i> , 2006, 150, 353-358.	1.1	17
130	Cloning and Characterization of Ferredoxin and Ferredoxin-NADP+ Reductase from Human Malaria Parasite. <i>Journal of Biochemistry</i> , 2006, 141, 421-428.	1.7	34
131	HIGH TITERS OF IgG ANTIBODIES AGAINST PLASMODIUM FALCIPARUM SERINE REPEAT ANTIGEN 5 (SERA5) ARE ASSOCIATED WITH PROTECTION AGAINST SEVERE MALARIA IN UGANDAN CHILDREN. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 74, 191-197.	1.4	54
132	High titers of IgG antibodies against <i>Plasmodium falciparum</i> serine repeat antigen 5 (SERA5) are associated with protection against severe malaria in Ugandan children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 74, 191-7.	1.4	30
133	A Novel Enzyme Complex of Orotate Phosphoribosyltransferase and Orotidine 5'-Monophosphate Decarboxylase in Human Malaria Parasite <i>Plasmodium falciparum</i> : Physical Association, Kinetics, and Inhibition Characterization. <i>Biochemistry</i> , 2005, 44, 1643-1652.	2.5	56
134	<i>Plasmodium falciparum</i> serine-repeat antigen (SERA) forms a homodimer through disulfide bond. <i>Parasitology International</i> , 2005, 54, 261-265.	1.3	7
135	Toll-like receptor 9 mediates innate immune activation by the malaria pigment hemozoin. <i>Journal of Experimental Medicine</i> , 2005, 201, 19-25.	8.5	537
136	Human malaria parasite orotate phosphoribosyltransferase: functional expression, characterization of kinetic reaction mechanism and inhibition profile. <i>Molecular and Biochemical Parasitology</i> , 2004, 134, 245-255.	1.1	52
137	<i>Toxoplasma gondii</i> : generation of novel truncation mutations in the linker domain of dihydrofolate reductase-thymidylate synthase. <i>Experimental Parasitology</i> , 2004, 106, 179-182.	1.2	13
138	New anti-Malarial Peroxides with in vivo Potency Derived from Spongean Metabolites. <i>ChemInform</i> , 2004, 35, no.	0.0	0
139	Structure-activity relationship of anti-malarial spongean peroxides having a 3-methoxy-1,2-dioxane structure. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 5297-5307.	3.0	39
140	Synthesis of a bioprobe for elucidation of target molecule of spongean anti-malarial peroxides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3513-3516.	2.2	11
141	Developmental-stage-specific triacylglycerol biosynthesis, degradation and trafficking as lipid bodies in <i>Plasmodium falciparum</i> -infected erythrocytes. <i>Journal of Cell Science</i> , 2004, 117, 1469-1480.	2.0	70
142	Relative frequencies of polymorphisms of variation in Block 2 repeats and 5' recombinant types of <i>Plasmodium falciparum</i> msp1 alleles. <i>Parasitology International</i> , 2004, 53, 59-67.	1.3	12
143	Orotate phosphoribosyltransferase and orotidine 5'-monophosphate decarboxylase exist as multienzyme complex in human malaria parasite <i>Plasmodium falciparum</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 318, 1012-1018.	2.1	33
144	Evidence that <i>Plasmodium falciparum</i> diacylglycerol acyltransferase is essential for intraerythrocytic proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 1062-1068.	2.1	29

#	ARTICLE	IF	CITATIONS
145	New anti-malarial peroxides with In vivo potency derived from spongean metabolites. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 4081-4084.	2.2	23
146	Sequence diversity in the amino-terminal region of the malaria-vaccine candidate serine repeat antigen in natural <i>Plasmodium falciparum</i> populations. <i>Parasitology International</i> , 2003, 52, 117-131.	1.3	12
147	Regulation of RecA Protein Binding to DNA by Opposing Effects of ATP and ADP on Inter-domain Contacts: Analysis by Urea-induced Unfolding of Wild-type and C-terminal Truncated RecA. <i>Journal of Molecular Biology</i> , 2003, 329, 363-370.	4.2	8
148	Molecular biology and biochemistry of malarial parasite pyrimidine biosynthetic pathway. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2003, 34 Suppl 2, 32-43.	1.0	7
149	Serine Repeat Antigen (SERA5) Is Predominantly Expressed among the SERA Multigene Family of <i>Plasmodium falciparum</i> , and the Acquired Antibody Titers Correlate with Serum Inhibition of the Parasite Growth. <i>Journal of Biological Chemistry</i> , 2002, 277, 47533-47540.	3.4	89
150	<i>Plasmodium falciparum</i> Serine Repeat Protein, a New Target of Monocyte-Dependent Antibody-Mediated Parasite Killing. <i>Infection and Immunity</i> , 2002, 70, 7182-7184.	2.2	26
151	Differential localization of processed fragments of <i>Plasmodium falciparum</i> serine repeat antigen and further processing of its N-terminal 47 kDa fragment. <i>Parasitology International</i> , 2002, 51, 343-352.	1.3	52
152	<i>Plasmodium falciparum</i> Phospholipase C Hydrolyzing Sphingomyelin and Lysocholinephospholipids Is a Possible Target for Malaria Chemotherapy. <i>Journal of Experimental Medicine</i> , 2002, 195, 23-34.	8.5	73
153	<i>Plasmodium falciparum</i> : fine-mapping of an epitope of the serine repeat antigen that is a target of parasite-inhibitory antibodies. <i>Experimental Parasitology</i> , 2002, 101, 69-72.	1.2	16
154	Characterization of proteases involved in the processing of <i>Plasmodium falciparum</i> serine repeat antigen (SERA). <i>Molecular and Biochemical Parasitology</i> , 2002, 120, 177-186.	1.1	49
155	New readily accessible peroxides with High Anti-malarial Potency. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 69-72.	2.2	65
156	Interaction of tyrosine 65 of RecA protein with the first and second DNA strands ¹¹ Edited by M. Gottesman. <i>Journal of Molecular Biology</i> , 2001, 306, 189-199.	4.2	10
157	Facile construction of 6-carbomethoxymethyl-3-methoxy-1,2-dioxane, a core structure of spongean anti-malarial peroxides. <i>Tetrahedron Letters</i> , 2001, 42, 7281-7285.	1.4	52
158	New anti-malarial flavonol glycoside from <i>hydrangeae dulcis folium</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 2445-2447.	2.2	32
159	Long PCR Amplification of <i>Plasmodium falciparum</i> DNA Extracted from Filter Paper Blots. <i>Experimental Parasitology</i> , 2001, 97, 50-54.	1.2	51
160	<i>Toxoplasma gondii</i> : Genetic Selection of Tethered Dihydrofolate Reductase-Thymidylate Synthase Fusion Proteins. <i>Experimental Parasitology</i> , 2001, 98, 167-170.	1.2	3
161	Neutral sphingomyelinase activity dependent on Mg ²⁺ and anionic phospholipids in the intraerythrocytic malaria parasite <i>Plasmodium falciparum</i> . <i>Biochemical Journal</i> , 2000, 346, 671.	3.7	22
162	Neutral sphingomyelinase activity dependent on Mg ²⁺ and anionic phospholipids in the intraerythrocytic malaria parasite <i>Plasmodium falciparum</i> . <i>Biochemical Journal</i> , 2000, 346, 671-677.	3.7	55

#	ARTICLE	IF	CITATIONS
163	Identification of a Novel Prostaglandin F ₂ ± Synthase in Trypanosoma brucei. Journal of Experimental Medicine, 2000, 192, 1327-1338.	8.5	111
164	Vacuolar H ⁺ -ATPase Localized in Plasma Membranes of Malaria Parasite Cells, Plasmodium falciparum, Is Involved in Regional Acidification of Parasitized Erythrocytes. Journal of Biological Chemistry, 2000, 275, 34353-34358.	3.4	102
165	Serum factors governing intraerythrocytic development and cell cycle progression of Plasmodium falciparum. Parasitology International, 2000, 49, 219-229.	1.3	75
166	Utilization of exogenous folate in the human malaria parasite Plasmodium falciparum and its critical role in antifolate drug synergy. Molecular Microbiology, 1999, 32, 1254-1262.	2.5	83
167	DNA immunization with Plasmodium falciparum serine repeat antigen: regulation of humoral immune response by coinoculation of cytokine expression plasmid. Parasitology International, 1999, 48, 27-33.	1.3	8
168	Cycloprodigiosin Hydrochloride Obtained from Pseudoalteromonas denitrificans Is a Potent Antimalarial Agent.. Biological and Pharmaceutical Bulletin, 1999, 22, 532-534.	1.4	50
169	Immune Responses Induced by Gene Gun or Intramuscular Injection of DNA Vaccines That Express Immunogenic Regions of the Serine Repeat Antigen from <i>Plasmodium falciparum</i> . Infection and Immunity, 1999, 67, 5163-5169.	2.2	35
170	Antibodies Reactive with the N-Terminal Domain of <i>Plasmodium falciparum</i> Serine Repeat Antigen Inhibit Cell Proliferation by Agglutinating Merozoites and Schizonts. Infection and Immunity, 1999, 67, 1821-1827.	2.2	71
171	Antibodies Reactive with the N-Terminal Domain of <i>Plasmodium falciparum</i> Serine Repeat Antigen Inhibit Cell Proliferation by Agglutinating Merozoites and Schizonts. Infection and Immunity, 1999, 67, 1821-1827.	2.2	10
172	Complement-mediated killing of Plasmodium falciparum erythrocytic schizont with antibodies to the recombinant serine repeat antigen (SERA). Vaccine, 1998, 16, 1299-1305.	3.8	41
173	Nucleotide dependent structural and kinetic changes in Xenopus Rad51.1-DNA complex stimulating the strand exchange reaction: destacking of DNA bases and restriction of their local motion. Journal of Molecular Biology, 1998, 284, 689-697.	4.2	11
174	Enzyme-inhibition system for identifying potential antimalarials that target highly drug-resistant mutants of Plasmodium falciparum dihydrofolate reductase. Parasitology International, 1998, 47, 69-78.	1.3	2
175	Phase I/IIa Safety, Immunogenicity, and Efficacy Trial of NYVACâ€¢Pf7, a Poxâ€¢Vectored, Multiantigen, Multistage Vaccine Candidate for <i>Plasmodium falciparum</i> Malaria. Journal of Infectious Diseases, 1998, 177, 1664-1673.	4.0	224
176	Plasmodium falciparum Produces Prostaglandins that are Pyrogenic, Somnogenic, and Immunosuppressive Substances in Humans. Journal of Experimental Medicine, 1998, 188, 1197-1202.	8.5	80
177	Nucleotide Cofactor-Dependent Structural Change of Xenopus laevis Rad51 Protein Filament Detected by Small-Angle Neutron Scattering Measurements in Solution. Biochemistry, 1997, 36, 13524-13529.	2.5	18
178	Protective immunity induced in squirrel monkeys with recombinant serine repeat antigen (SERA) of Plasmodium falciparum. Parasitology International, 1997, 46, 17-25.	1.3	24
179	Phylogenetic identification of Sparganum proliferum as a pseudophyllidean cestode. Parasitology International, 1997, 46, 271-279.	1.3	13
180	Lead Discovery of Inhibitors of the Dihydrofolate Reductase Domain of Plasmodium falciparum Dihydrofolate Reductase-Thymidylate Synthase. Biochemical and Biophysical Research Communications, 1997, 235, 515-519.	2.1	74

#	ARTICLE	IF	CITATIONS
181	Sequence diversity in the amino-terminal 47 kDa fragment of the Plasmodium falciparum serine repeat antigen1Note: Nucleotide sequence data reported in this paper are available in the DDBJ, EMBL and Genbankâ„¢ under the accession numbers: D89042-D89048.1. Molecular and Biochemical Parasitology, 1997, 86, 249-254.	1.1	25
182	Plasmodium falciparum:An Epitope within a Highly Conserved Region of the 47-kDa Amino-Terminal Domain of the Serine Repeat Antigen Is a Target of Parasite-Inhibitory Antibodies. Experimental Parasitology, 1997, 85, 121-134.	1.2	39
183	ANTIBODY RESPONSES AGAINST EM18 AND EM16 SERODIAGNOSTIC MARKERS IN ALVEOLAR AND CYSTIC ECHINOCOCCOSIS PATIENTS FROM NORTHWEST CHINA. Japanese Journal of Medical Science and Biology, 1997, 50, 19-26.	0.4	9
184	Protective Role of CD40 in Leishmania major Infection at Two Distinct Phases of Cell-Mediated Immunity. Immunity, 1996, 4, 275-281.	14.3	286
185	Recombinant Plasmodium falciparum dihydrofolate reductase-based in vitro screen for antifolate antimalarials. Molecular and Biochemical Parasitology, 1996, 81, 225-237.	1.1	21
186	Roles of Tyr103 and Tyr264 in the Regulation of RecAâ€œDNA Interactions by Nucleotide Cofactors. FEBS Journal, 1996, 240, 91-97.	0.2	4
187	Purification and characterization of XRad51.1 protein, Xenopus RAD51 homologue: recombinant XRad51.1 promotes strand exchange reaction. Genes To Cells, 1996, 1, 1057-1068.	1.2	37
188	The DNA-Binding Site of the Reca Protein. Photochemical Cross-Linking of Tyr103 to Single-Stranded DNA. FEBS Journal, 1995, 228, 772-778.	0.2	3
189	Interaction of Tyr103 and Tyr264 of the Reca Protein with DNA and Nucleotide Cofactors. Fluorescence Study of Engineered Proteins. FEBS Journal, 1995, 228, 779-785.	0.2	0
190	DNA-Binding Surface of RecA Protein. Photochemical Cross-Linking of the First DNA Binding Site on RecA Filament. FEBS Journal, 1995, 234, 695-705.	0.2	23
191	RAD51 homologues in Xenopus laevis: two distinct genes are highly expressed in ovary and testis. Gene, 1995, 160, 195-200.	2.2	40
192	The DNA-Binding Site of the Reca Protein. Photochemical Cross-Linking of Tyr103 to Single-Stranded DNA. FEBS Journal, 1995, 228, 772-778.	0.2	19
193	Interaction of Tyr103 and Tyr264 of the Reca Protein with DNA and Nucleotide Cofactors. Fluorescence Study of Engineered Proteins. FEBS Journal, 1995, 228, 779-785.	0.2	31
194	Purification and characterization of dihydrofolate reductase of Plasmodium falciparum expressed by a synthetic gene in Escherichia coli. Molecular and Biochemical Parasitology, 1994, 63, 265-273.	1.1	35
195	C-terminal truncated Escherichia coli RecA protein RecA5327 has enhanced binding affinities to single- and double-stranded DNAs. Journal of Molecular Biology, 1992, 223, 115-129.	4.2	60
196	Inhibitory effects of N- and C-terminal truncated Escherichia coli recA gene products on functions of the wild-type recA gene. Journal of Molecular Biology, 1992, 223, 105-114.	4.2	36
197	Structure and expression of the Plasmodium falciparum SERA gene. Molecular and Biochemical Parasitology, 1989, 33, 13-25.	1.1	51
198	Structural and functional organization of ColE2 and ColE3 replicons. Molecular Genetics and Genomics, 1989, 215, 209-216.	2.4	45

#	ARTICLE	IF	CITATIONS
199	Replication of ColE2 and ColE3 plasmids In vitro replication dependent on plasmid-coded proteins. Molecular Genetics and Genomics, 1989, 219, 249-255.	2.4	30
200	Replication of ColE2 and ColE3 plasmids: Two ColE2 incompatibility functions. Molecular Genetics and Genomics, 1988, 214, 451-455.	2.4	14
201	Replication of ColE2 and ColE3 plasmids: The regions sufficient for autonomous replication. Molecular Genetics and Genomics, 1988, 212, 225-231.	2.4	33
202	Amino acid sequence of the serine-repeat antigen (SERA) of Plasmodium falciparum determined from cloned cDNA. Molecular and Biochemical Parasitology, 1988, 30, 279-288.	1.1	116
203	Characterization of antigen-expressing Plasmodium falciparum cDNA clones that are reactive with parasite inhibitory antibodies. Molecular and Biochemical Parasitology, 1988, 30, 9-18.	1.1	46
204	Pyrimethamine resistant Plasmodium falciparum: overproduction of dihydrofolate reductase by a gene duplication. Molecular and Biochemical Parasitology, 1987, 26, 121-134.	1.1	57
205	Functional domains of Escherichia coli recA protein deduced from the mutational sites in the gene. Molecular Genetics and Genomics, 1984, 193, 288-292.	2.4	107
206	CysteinyI residues of Escherichia coli recA protein. Biochemistry, 1984, 23, 2363-2367.	2.5	39
207	Molecular cloning of cDNA for rat glycine methyltransferase. Biochemical and Biophysical Research Communications, 1984, 124, 44-50.	2.1	12
208	Regulation of SOS functions: Purification of E. coli LexA protein and determination of its specific site cleaved by the RecA protein. Cell, 1981, 27, 515-522.	28.9	178
209	Nucleotide sequence of the lexA gene of E. coli. Cell, 1981, 23, 689-697.	28.9	139
210	Clues to Evolution of the SERA Multigene Family in the Genus Plasmodium. , 0, , .		1
211	Meta-Analysis of Human Antibodies Against Plasmodium falciparum Variable Surface and Merozoite Stage Antigens. Frontiers in Immunology, 0, 13, .	4.8	1