

# Toshihiro Horii

## List of Publications by Year in descending order

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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	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
2	Evidence of Artemisinin-Resistant Malaria in Africa. <i>New England Journal of Medicine</i> , 2021, 385, 1163-1171.	27.0	413
3	Protective Role of CD40 in <i>Leishmania major</i> Infection at Two Distinct Phases of Cell-Mediated Immunity. <i>Immunity</i> , 1996, 4, 275-281.	14.3	286
4	Direct Metagenomic Detection of Viral Pathogens in Nasal and Fecal Specimens Using an Unbiased High-Throughput Sequencing Approach. <i>PLoS ONE</i> , 2009, 4, e4219.	2.5	240
5	Phase I/IIa Safety, Immunogenicity, and Efficacy Trial of NYVAC-Pf7, a Pox-Vectored, Multiantigen, Multistage Vaccine Candidate for <i>Plasmodium falciparum</i> Malaria. <i>Journal of Infectious Diseases</i> , 1998, 177, 1664-1673.	4.0	224
6	Regulation of SOS functions: Purification of <i>E. coli</i> LexA protein and determination of its specific site cleaved by the RecA protein. <i>Cell</i> , 1981, 27, 515-522.	28.9	178
7	<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
8	Gut Microbiota of Healthy and Malnourished Children in Bangladesh. <i>Frontiers in Microbiology</i> , 2011, 2, 228.	3.5	157
9	Pathological role of Toll-like receptor signaling in cerebral malaria. <i>International Immunology</i> , 2006, 19, 67-79.	4.0	144
10	Nucleotide sequence of the <i>lexA</i> gene of <i>E. coli</i> . <i>Cell</i> , 1981, 23, 689-697.	28.9	139
11	Immunogenicity of Whole-Parasite Vaccines against <i>Plasmodium falciparum</i> Involves Malarial Hemozoin and Host TLR9. <i>Cell Host and Microbe</i> , 2010, 7, 50-61.	11.0	135
12	Plasmacytoid Dendritic Cells Delineate Immunogenicity of Influenza Vaccine Subtypes. <i>Science Translational Medicine</i> , 2010, 2, 25ra24.	12.4	124
13	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
14	<i>Plasmodium falciparum</i> Accompanied the Human Expansion out of Africa. <i>Current Biology</i> , 2010, 20, 1283-1289.	3.9	121
15	Metagenomic profile of gut microbiota in children during cholera and recovery. <i>Gut Pathogens</i> , 2013, 5, 1.	3.4	118
16	Immune evasion of <i>Plasmodium falciparum</i> by RIFIN via inhibitory receptors. <i>Nature</i> , 2017, 552, 101-105.	27.8	118
17	Amino acid sequence of the serine-repeat antigen (SERA) of <i>Plasmodium falciparum</i> determined from cloned cDNA. <i>Molecular and Biochemical Parasitology</i> , 1988, 30, 279-288.	1.1	116
18	Metagenomic Diagnosis of Bacterial Infections. <i>Emerging Infectious Diseases</i> , 2008, 14, 1784-1786.	4.3	116

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19	Identification of a Novel Prostaglandin F <sub>2</sub> ± Synthase in <i>Trypanosoma brucei</i> . <i>Journal of Experimental Medicine</i> , 2000, 192, 1327-1338.	8.5	111
20	Functional domains of <i>Escherichia coli</i> recA protein deduced from the mutational sites in the gene. <i>Molecular Genetics and Genomics</i> , 1984, 193, 288-292.	2.4	107
21	Artemisinin Resistant <i>Plasmodium falciparum</i> with High Survival Rates, Uganda, 2014â€“2016. <i>Emerging Infectious Diseases</i> , 2018, 24, 718-726.	4.3	104
22	Vacuolar H <sup>+</sup> -ATPase Localized in Plasma Membranes of Malaria Parasite Cells, <i>Plasmodium falciparum</i> , Is Involved in Regional Acidification of Parasitized Erythrocytes. <i>Journal of Biological Chemistry</i> , 2000, 275, 34353-34358.	3.4	102
23	Novel Strategies to Improve DNA Vaccine Immunogenicity. <i>Current Gene Therapy</i> , 2011, 11, 479-484.	2.0	99
24	Recent advances in recombinant protein-based malaria vaccines. <i>Vaccine</i> , 2015, 33, 7433-7443.	3.8	97
25	Big Bang in the Evolution of Extant Malaria Parasites. <i>Molecular Biology and Evolution</i> , 2008, 25, 2233-2239.	8.9	94
26	Performance comparison of second- and third-generation sequencers using a bacterial genome with two chromosomes. <i>BMC Genomics</i> , 2014, 15, 699.	2.8	93
27	Divergence of the Mitochondrial Genome Structure in the Apicomplexan Parasites, <i>Babesia</i> and <i>Theileria</i> . <i>Molecular Biology and Evolution</i> , 2010, 27, 1107-1116.	8.9	91
28	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
29	Utilization of exogenous folate in the human malaria parasite <i>Plasmodium falciparum</i> and its critical role in antifolate drug synergy. <i>Molecular Microbiology</i> , 1999, 32, 1254-1262.	2.5	83
30	<i>Plasmodium falciparum</i> Produces Prostaglandins that are Pyrogenic, Somnogenic, and Immunosuppressive Substances in Humans. <i>Journal of Experimental Medicine</i> , 1998, 188, 1197-1202.	8.5	80
31	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
32	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
33	Serum factors governing intraerythrocytic development and cell cycle progression of <i>Plasmodium falciparum</i> . <i>Parasitology International</i> , 2000, 49, 219-229.	1.3	75
34	Lead Discovery of Inhibitors of the Dihydrofolate Reductase Domain of <i>Plasmodium falciparum</i> Dihydrofolate Reductase-Thymidylate Synthase. <i>Biochemical and Biophysical Research Communications</i> , 1997, 235, 515-519.	2.1	74
35	<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
36	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

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37	Manipulation of host innate immune responses by the malaria parasite. Trends in Microbiology, 2007, 15, 271-278.	7.7	71
38	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
39	Developmental-stage-specific triacylglycerol biosynthesis, degradation and trafficking as lipid bodies in <i>Plasmodium falciparum</i> -infected erythrocytes. Journal of Cell Science, 2004, 117, 1469-1480.	2.0	70
40	<i>Plasmodium berghei</i> ANKA causes intestinal malaria associated with dysbiosis. Scientific Reports, 2015, 5, 15699.	3.3	67
41	Experimental cerebral malaria progresses independently of the Nlrp3 inflammasome. European Journal of Immunology, 2010, 40, 764-769.	2.9	66
42	New readily accessible peroxides with High Anti-malarial Potency. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 69-72.	2.2	65
43	A possible origin population of pathogenic intestinal nematodes, <i>Strongyloides stercoralis</i> , unveiled by molecular phylogeny. Scientific Reports, 2017, 7, 4844.	3.3	62
44	Evidences of protection against blood-stage infection of <i>Plasmodium falciparum</i> by the novel protein vaccine SE36. Parasitology International, 2010, 59, 380-386.	1.3	61
45	C-terminal truncated <i>Escherichia coli</i> RecA protein RecA5327 has enhanced binding affinities to single- and double-stranded DNAs. Journal of Molecular Biology, 1992, 223, 115-129.	4.2	60
46	Fatal sepsis caused by an unusual <i>Klebsiella</i> species that was misidentified by an automated identification system. Journal of Medical Microbiology, 2013, 62, 801-803.	1.8	60
47	Pyrimethamine resistant <i>Plasmodium falciparum</i> : overproduction of dihydrofolate reductase by a gene duplication. Molecular and Biochemical Parasitology, 1987, 26, 121-134.	1.1	57
48	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. Biochemistry, 2005, 44, 1643-1652.	2.5	56
49	Neutral sphingomyelinase activity dependent on Mg <sup>2+</sup> and anionic phospholipids in the intraerythrocytic malaria parasite <i>Plasmodium falciparum</i> . Biochemical Journal, 2000, 346, 671-677.	3.7	55
50	Antibody profiles to wheat germ cell-free system synthesized <i>Plasmodium falciparum</i> proteins correlate with protection from symptomatic malaria in Uganda. Vaccine, 2017, 35, 873-881.	3.8	55
51	HIGH TITERS OF IgG ANTIBODIES AGAINST PLASMODIUM FALCIPARUM SERINE REPEAT ANTIGEN 5 (SERA5) ARE ASSOCIATED WITH PROTECTION AGAINST SEVERE MALARIA IN UGANDAN CHILDREN. American Journal of Tropical Medicine and Hygiene, 2006, 74, 191-197.	1.4	54
52	Evolution and phylogeny of the heterogeneous cytosolic SSU rRNA genes in the genus <i>Plasmodium</i> . Molecular Phylogenetics and Evolution, 2008, 47, 45-53.	2.7	53
53	Facile construction of 6-carbomethoxymethyl-3-methoxy-1,2-dioxane, a core structure of spongean anti-malarial peroxides. Tetrahedron Letters, 2001, 42, 7281-7285.	1.4	52
54	Differential localization of processed fragments of <i>Plasmodium falciparum</i> serine repeat antigen and further processing of its N-terminal 47 kDa fragment. Parasitology International, 2002, 51, 343-352.	1.3	52

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55	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
56	Structure and expression of the <i>Plasmodium falciparum</i> SERA gene. <i>Molecular and Biochemical Parasitology</i> , 1989, 33, 13-25.	1.1	51
57	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
58	Olfactory Plays a Key Role in Spatiotemporal Pathogenesis of Cerebral Malaria. <i>Cell Host and Microbe</i> , 2014, 15, 551-563.	11.0	51
59	Cycloprodigiosin Hydrochloride Obtained from <i>Pseudoalteromonas denitrificans</i> Is a Potent Antimalarial Agent.. <i>Biological and Pharmaceutical Bulletin</i> , 1999, 22, 532-534.	1.4	50
60	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
61	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
62	Identification of <i>Plasmodium malariae</i> , a Human Malaria Parasite, in Imported Chimpanzees. <i>PLoS ONE</i> , 2009, 4, e7412.	2.5	48
63	The Malarial Metabolite Hemozoin and Its Potential Use as a Vaccine Adjuvant. <i>Allergology International</i> , 2010, 59, 115-124.	3.3	47
64	Characterization of antigen-expressing <i>Plasmodium falciparum</i> cDNA clones that are reactive with parasite inhibitory antibodies. <i>Molecular and Biochemical Parasitology</i> , 1988, 30, 9-18.	1.1	46
65	Structural and functional organization of ColE2 and ColE3 replicons. <i>Molecular Genetics and Genomics</i> , 1989, 215, 209-216.	2.4	45
66	Recent independent evolution of <i>msp1</i> polymorphism in <i>Plasmodium vivax</i> and related simian malaria parasites. <i>Molecular and Biochemical Parasitology</i> , 2007, 156, 74-79.	1.1	45
67	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
68	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
69	Complement-mediated killing of <i>Plasmodium falciparum</i> erythrocytic schizont with antibodies to the recombinant serine repeat antigen (SERA). <i>Vaccine</i> , 1998, 16, 1299-1305.	3.8	41
70	Concatenated mitochondrial DNA of the coccidian parasite <i>Eimeria tenella</i> . <i>Mitochondrion</i> , 2011, 11, 273-278.	3.4	41
71	RAD51 homologues in <i>Xenopus laevis</i> : two distinct genes are highly expressed in ovary and testis. <i>Gene</i> , 1995, 160, 195-200.	2.2	40
72	CysteinyI residues of <i>Escherichia coli</i> recA protein. <i>Biochemistry</i> , 1984, 23, 2363-2367.	2.5	39

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73	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. <i>Experimental Parasitology</i> , 1997, 85, 121-134.	1.2	39
74	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
75	Plasmodium falciparum serine repeat antigen 5 (SE36) as a malaria vaccine candidate. <i>Vaccine</i> , 2011, 29, 5837-5845.	3.8	38
76	Rapid and Highly Sensitive Detection of Malaria-Infected Erythrocytes Using a Cell Microarray Chip. <i>PLoS ONE</i> , 2010, 5, e13179.	2.5	38
77	Protective Epitopes of the Plasmodium falciparum SERA5 Malaria Vaccine Reside in Intrinsically Unstructured N-Terminal Repetitive Sequences. <i>PLoS ONE</i> , 2014, 9, e98460.	2.5	38
78	Purification and characterization of XRad51.1 protein, Xenopus RAD51 homologue: recombinant XRad51.1 promotes strand exchange reaction. <i>Genes To Cells</i> , 1996, 1, 1057-1068.	1.2	37
79	Clues to Evolution of the SERA Multigene Family in 18 Plasmodium Species. <i>PLoS ONE</i> , 2011, 6, e17775.	2.5	37
80	An automated haematology analyzer XN-30 distinguishes developmental stages of falciparum malaria parasite cultured in vitro. <i>Malaria Journal</i> , 2018, 17, 59.	2.3	37
81	Inhibitory effects of N- and C-terminal truncated Escherichia coli recA gene products on functions of the wild-type recA gene. <i>Journal of Molecular Biology</i> , 1992, 223, 105-114.	4.2	36
82	Purification and characterization of dihydrofolate reductase of Plasmodium falciparum expressed by a synthetic gene in Escherichia coli. <i>Molecular and Biochemical Parasitology</i> , 1994, 63, 265-273.	1.1	35
83	Worldwide sequence conservation of transmission-blocking vaccine candidate Pvs230 in Plasmodium vivax. <i>Vaccine</i> , 2011, 29, 4308-4315.	3.8	35
84	Immune Responses Induced by Gene Gun or Intramuscular Injection of DNA Vaccines That Express Immunogenic Regions of the Serine Repeat Antigen from Plasmodium falciparum. <i>Infection and Immunity</i> , 1999, 67, 5163-5169.	2.2	35
85	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
86	Replication of ColE2 and ColE3 plasmids: The regions sufficient for autonomous replication. <i>Molecular Genetics and Genomics</i> , 1988, 212, 225-231.	2.4	33
87	Orotate phosphoribosyltransferase and orotidine 5'-monophosphate decarboxylase exist as multienzyme complex in human malaria parasite Plasmodium falciparum. <i>Biochemical and Biophysical Research Communications</i> , 2004, 318, 1012-1018.	2.1	33
88	New anti-malarial flavonol glycoside from hydrangeae dulcis folium. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 2445-2447.	2.2	32
89	Innate immune control of nucleic acid-based vaccine immunogenicity. <i>Expert Review of Vaccines</i> , 2009, 8, 1099-1107.	4.4	32
90	Plasmodium products persist in the bone marrow and promote chronic bone loss. <i>Science Immunology</i> , 2017, 2, .	11.9	32

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91	Phylogeny and Evolution of the SERA Multigene Family in the Genus Plasmodium. <i>Journal of Molecular Evolution</i> , 2007, 65, 82-91.	1.8	31
92	Endemic Burkitt lymphoma is associated with strength and diversity of Plasmodium falciparum malaria stage-specific antigen antibody response. <i>Blood</i> , 2013, 122, 629-635.	1.4	31
93	Interaction of Tyr103 and Tyr264 of the RecA Protein with DNA and Nucleotide Cofactors. Fluorescence Study of Engineered Proteins. <i>FEBS Journal</i> , 1995, 228, 779-785.	0.2	31
94	Replication of ColE2 and ColE3 plasmids In vitro replication dependent on plasmid-coded proteins. <i>Molecular Genetics and Genomics</i> , 1989, 219, 249-255.	2.4	30
95	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, 191-7.	1.4	30
96	Evidence that Plasmodium falciparum diacylglycerol acyltransferase is essential for intraerythrocytic proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 1062-1068.	2.1	29
97	Geographic differentiation of polymorphism in the Plasmodium falciparum malaria vaccine candidate gene SERA5. <i>Vaccine</i> , 2012, 30, 1583-1593.	3.8	28
98	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
99	Plasmodium falciparum 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
100	Allelic dimorphism-associated restriction of recombination in Plasmodium falciparum msp1. <i>Gene</i> , 2007, 397, 153-160.	2.2	26
101	New anti-malarial phenylpropanoid conjugated iridoids from Morinda morindoides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1520-1523.	2.2	26
102	Serologic Markers in Relation to Parasite Exposure History Help to Estimate Transmission Dynamics of Plasmodium vivax. <i>PLoS ONE</i> , 2011, 6, e28126.	2.5	26
103	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 Genbank, under the accession numbers: D89042-D89048.1. <i>Molecular and Biochemical Parasitology</i> , 1997, 86, 249-254.	1.1	25
104	Structural Basis for the Decarboxylation of Orotidine 5'-Monophosphate (OMP) by Plasmodium Falciparum OMP Decarboxylase. <i>Journal of Biochemistry</i> , 2007, 143, 69-78.	1.7	25
105	Post-immune UV irradiation induces Tr1-like regulatory T cells that suppress humoral immune responses. <i>International Immunology</i> , 2008, 20, 57-70.	4.0	25
106	Phylogeny of Asian primate malaria parasites inferred from apicoplast genome-encoded genes with special emphasis on the positions of Plasmodium vivax and P. fragile. <i>Gene</i> , 2010, 450, 32-38.	2.2	25
107	Within-population genetic diversity of Plasmodium falciparum vaccine candidate antigens reveals geographic distance from a Central sub-Saharan African origin. <i>Vaccine</i> , 2013, 31, 1334-1339.	3.8	25
108	Comprehensive metagenomic approach for detecting causative microorganisms in culture-negative infective endocarditis. <i>International Journal of Cardiology</i> , 2014, 172, e288-e289.	1.7	25



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109	Identification of Plasmodium falciparum 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
110	Molecular Camouflage of Plasmodium falciparum Merozoites by Binding of Host Vitronectin to P47 Fragment of SERA5. <i>Scientific Reports</i> , 2018, 8, 5052.	3.3	25
111	Protective immunity induced in squirrel monkeys with recombinant serine repeat antigen (SERA) of Plasmodium falciparum. <i>Parasitology International</i> , 1997, 46, 17-25.	1.3	24
112	Lineage-specific positive selection at the merozoite surface protein 1 (msp1) locus of Plasmodium vivax and related simian malaria parasites. <i>BMC Evolutionary Biology</i> , 2010, 10, 52.	3.2	24
113	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
114	Contrasting Patterns of Serologic and Functional Antibody Dynamics to Plasmodium falciparum Antigens in a Kenyan Birth Cohort. <i>Vaccine Journal</i> , 2016, 23, 104-116.	3.1	24
115	Absence of in vivo selection for K13 mutations after artemether+lumefantrine treatment in Uganda. <i>Malaria Journal</i> , 2017, 16, 23.	2.3	24
116	DNA-Binding Surface of RecA Protein. Photochemical Cross-Linking of the First DNA Binding Site on RecA Filament. <i>FEBS Journal</i> , 1995, 234, 695-705.	0.2	23
117	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
118	Spontaneous Mutations in the <i>Plasmodium falciparum</i> Sarcoplasmic/ Endoplasmic Reticulum Ca <sup>2+</sup> -ATPase (PfATP6) Gene among Geographically Widespread Parasite Populations Unexposed to Artemisinin-Based Combination Therapies. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 94-100.	3.2	23
119	Novel type of linear mitochondrial genomes with dual flip-flop inversion system in apicomplexan parasites, Babesia microti and Babesia rodhaini. <i>BMC Genomics</i> , 2012, 13, 622.	2.8	23
120	Recovery and stable persistence of chloroquine sensitivity in Plasmodium falciparum parasites after its discontinued use in Northern Uganda. <i>Malaria Journal</i> , 2020, 19, 76.	2.3	23
121	Neutral sphingomyelinase activity dependent on Mg <sup>2+</sup> and anionic phospholipids in the intraerythrocytic malaria parasite Plasmodium falciparum. <i>Biochemical Journal</i> , 2000, 346, 671.	3.7	22
122	Recombinant Plasmodium falciparum dihydrofolate reductase-based in vitro screen for antifolate antimalarials. <i>Molecular and Biochemical Parasitology</i> , 1996, 81, 225-237.	1.1	21
123	Two new sarpagine-type indole alkaloids and antimalarial activity of 16-demethoxycarbonylvoacamine from Tabernaemontana macrocarpa Jack. <i>Journal of Natural Medicines</i> , 2019, 73, 820-825.	2.3	21
124	Molecular Interaction of Ferredoxin and Ferredoxin-NADP+ Reductase from Human Malaria Parasite. <i>Journal of Biochemistry</i> , 2007, 142, 715-720.	1.7	20
125	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
126	An Epidemiological Analysis of Summer Influenza Epidemics in Okinawa. <i>Internal Medicine</i> , 2016, 55, 3579-3584.	0.7	20



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127	Contrasting infection susceptibility of the Japanese macaques and cynomolgus macaques to closely related malaria parasites, <i>Plasmodium vivax</i> and <i>Plasmodium cynomolgi</i> . <i>Parasitology International</i> , 2015, 64, 274-281.	1.3	19
128	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
129	First-in-human randomised trial and follow-up study of <i>Plasmodium falciparum</i> blood-stage malaria vaccine BK-SE36 with CpG-ODN(K3). <i>Vaccine</i> , 2020, 38, 7246-7257.	3.8	19
130	The DNA-Binding Site of the RecA Protein. Photochemical Cross-Linking of Tyr103 to Single-Stranded DNA. <i>FEBS Journal</i> , 1995, 228, 772-778.	0.2	19
131	Nucleotide Cofactor-Dependent Structural Change of <i>Xenopus laevis</i> Rad51 Protein Filament Detected by Small-Angle Neutron Scattering Measurements in Solution. <i>Biochemistry</i> , 1997, 36, 13524-13529.	2.5	18
132	Leucophyllinines A and B, bisindole alkaloids from <i>Leuconotis eugeniifolia</i> . <i>Journal of Natural Medicines</i> , 2019, 73, 533-540.	2.3	18
133	<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
134	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
135	<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
136	Limited Polymorphism of the <i>Plasmodium vivax</i> Merozoite Surface Protein 1 Gene in Isolates from Turkey. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 1230-1237.	1.4	16
137	Generation of Rodent Malaria Parasites with a High Mutation Rate by Destructing Proofreading Activity of DNA Polymerase $\epsilon$ . <i>DNA Research</i> , 2014, 21, 439-446.	3.4	16
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