Toshihiro Mita

List of Publications by Year
in descending order

89	2,681	257450	214800
papers	citations	24 h-index	47 g-index

96	96	96	2961
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence of Artemisinin-Resistant Malaria in Africa. New England Journal of Medicine, 2021, 385, 1163-1171.	27.0	413
2	Spread and evolution of Plasmodium falciparum drug resistance. Parasitology International, 2009, 58, 201-209.	1.3	203
3	Plasmodium cynomolgi genome sequences provide insight into Plasmodium vivax and the monkey malaria clade. Nature Genetics, 2012, 44, 1051-1055.	21.4	172
4	RECOVERY OF CHLOROQUINE SENSITIVITY AND LOW PREVALENCE OF THE PLASMODIUM FALCIPARUM CHLOROQUINE RESISTANCE TRANSPORTER GENE MUTATION K76T FOLLOWING THE DISCONTINUANCE OF CHLOROQUINE USE IN MALAWI. American Journal of Tropical Medicine and Hygiene, 2003, 68, 413-415.	1.4	133
5	Plasmodium falciparum Accompanied the Human Expansion out of Africa. Current Biology, 2010, 20, 1283-1289.	3.9	121
6	Artemisinin-ResistantPlasmodium falciparumwith High Survival Rates, Uganda, 2014â€“2016. Emerging Infectious Diseases, 2018, 24, 718-726.	4.3	104
7	Evolution of Plasmodium falciparum drug resistance: implications for the development and containment of artemisinin resistance. Japanese Journal of Infectious Diseases, 2012, 65, 465-475.	1.2	94
8	Emergence of artemisinin-resistant Plasmodium falciparum with kelch13 C580Y mutations on the island of New Guinea. PLoS Pathogens, 2020, 16, e1009133.	4.7	81
9	Human migration and the spread of malaria parasites to the New World. Scientific Reports, 2018, 8, 1993.	3.3	76
10	High prevalence of quintuple mutant dhps/dhfr genes in Plasmodium falciparum infections seven years after introduction of sulfadoxine and pyrimethamine as first line treatment in Malawi. Acta Tropica, 2003, 85, 363-373.	2.0	75
11	Failure to detect Plasmodium vivax in West and Central Africa by PCR species typing. Malaria Journal, 2008, 7, 174.	2.3	75
12	Limited Geographical Origin and Global Spread of Sulfadoxine-Resistant dhps Alleles in Plasmodium falciparum Populations. Journal of Infectious Diseases, 2011, 204, 1980-1988.	4.0	74
13	Recovery of chloroquine sensitivity and low prevalence of the Plasmodium falciparum chloroquine resistance transporter gene mutation K76T following the discontinuance of chloroquine use in Malawi. American Journal of Tropical Medicine and Hygiene, 2003, 68, 413-5.	1.4	64
14	Changing patterns of forest malaria among the mobile adult male population in Chumkiri District, Cambodia. Acta Tropica, 2008, 106, 207-212.	2.0	58
15	Expansion of wild type allele rather than back mutation in pfcrt explains the recent recovery of chloroquine sensitivity of Plasmodium falciparum in Malawi. Molecular and Biochemical Parasitology, 2004, 135, 159-163.	1.1	57
16	Risk factors for lymph node metastasis of submucosal invasive differentiated type gastric carcinoma: clinical significance of histological heterogeneity. Journal of Gastroenterology, 2001, 36, 661-668.	5.1	50
17	Independent Evolution of Pyrimethamine Resistance in Plasmodium falciparum Isolates in Melanesia. Antimicrobial Agents and Chemotherapy, 2007, 51, 1071-1077.	3.2	44
18	Role of pfmdr1 mutations on chloroquine resistance in Plasmodium falciparum isolates with pfcrt K76T from Papua New Guinea. Acta Tropica, 2006, 98, 137-144.	2.0	36

#	Article	IF	Citations
19	Worldwide sequence conservation of transmission-blocking vaccine candidate Pvs230 in Plasmodium vivax. Vaccine, 2011, 29, 4308-4315.	3.8	35
20	Indigenous evolution of Plasmodium falciparum pyrimethamine resistance multiple times in Africa. Journal of Antimicrobial Chemotherapy, 2008, 63, 252-255.	3.0	31
21	Ordered Accumulation of Mutations Conferring Resistance to Sulfadoxine-Pyrimethamine in the Plasmodium falciparum Parasite. Journal of Infectious Diseases, 2014, 209, 130-139.	4.0	29
22	Differential remodelling of peroxisome function underpins the environmental and metabolic adaptability of diplonemids and kinetoplastids. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160520.	2.6	29
23	Geographic differentiation of polymorphism in the Plasmodium falciparum malaria vaccine candidate gene SERA5. Vaccine, 2012, 30, 1583-1593.	3.8	28
24	Origins and spread of pfdhfr mutant alleles in Plasmodium falciparum. Acta Tropica, 2010, 114, 166-170.	2.0	26
25	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
26	Application of a cell microarray chip system for accurate, highly sensitive and rapid diagnosis for malaria in Uganda. Scientific Reports, 2016, 6, 30136.	3.3	24
27	Absence of in vivo selection for K13 mutations after artemetherâ€“lumefantrine treatment in Uganda. Malaria Journal, 2017, 16, 23.	2.3	24
28	Spontaneous Mutations in the Plasmodium falciparum 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
29	A comprehensive survey of polymorphisms conferring anti-malarial resistance in Plasmodium falciparum across Pakistan. Malaria Journal, 2013, 12, 300.	2.3	23
30	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
31	Plasmodium falciparum kelch 13: a potential molecular marker for tackling artemisinin-resistant malaria parasites. Expert Review of Anti-Infective Therapy, 2016, 14, 125-135.	4.4	21
32	Large-scale survey for novel genotypes of Plasmodium falciparum chloroquine-resistance gene pfcrt. Malaria Journal, 2012, 11, 92.	2.3	20
33	Malaria parasite species composition of Plasmodium infections among asymptomatic and symptomatic school-age children in rural and urban areas of Kinshasa, Democratic Republic of Congo. Malaria Journal, 2021, 20, 389.	2.3	19
34	Little Polymorphism at the K13 Propeller Locus in Worldwide Plasmodium falciparum Populations Prior to the Introduction of Artemisinin Combination Therapies. Antimicrobial Agents and Chemotherapy, 2016, 60, 3340-3347.	3.2	18
35	Paraneoplastic vasculitis associated with esophageal carcinoma. Pathology International, 1999, 49, 643-647.	1.3	17
36	Rapid selection of dhfr mutant allele in Plasmodium falciparum isolates after the introduction of sulfadoxine/pyrimethamine in combination with 4-aminoquinolines in Papua New Guinea. Infection, Genetics and Evolution, 2006, 6, 447-452.	2.3	17

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37	High prevalence of sulfadoxine/pyrimethamine resistance alleles in Plasmodium falciparum parasites from Bangladesh. Parasitology International, 2010, 59, 178-182.	1.3	17
38	Household clustering of asymptomatic malaria infections in Xepon district, Savannakhet province, Lao PDR. Malaria Journal, 2016, 15, 508.	2.3	17
39	Generation of Rodent Malaria Parasites with a High Mutation Rate by Destructing Proofreading Activity of DNA Polymerase Î´. DNA Research, 2014, 21, 439-446.	3.4	16
40	Patterns and dynamics of genetic diversity in Plasmodium falciparum: What past human migrations tell us about malaria. Parasitology International, 2015, 64, 238-243.	1.3	16
41	Plasmodium falciparum mitochondrial genetic diversity exhibits isolation-by-distance patterns supporting a sub-Saharan African origin. Mitochondrion, 2013, 13, 630-636.	3.4	15
42	Nucleic acid purification from dried blood spot on FTA Elute Card provides template for polymerase chain reaction for highly sensitive Plasmodium detection. Parasitology International, 2019, 73, 101941.	1.3	15
43	Recent increase of genetic diversity in Plasmodium vivax population in the Republic of Korea. Malaria Journal, 2011, 10, 257.	2.3	14
44	Lack of significant recovery of chloroquine sensitivity in Plasmodium falciparum parasites following discontinuance of chloroquine use in Papua New Guinea. Malaria Journal, 2018, 17, 434.	2.3	13
45	Unusual biochemical development of genetically seizure-susceptible El mice. Developmental Brain Research, 1991, 64, 27-35.	1.7	12
46	Mutation tendency of mutator Plasmodium berghei with proofreading-deficient DNA polymerase Î´. Scientific Reports, 2016, 6, 36971.	3.3	11
47	Large-scale purification of active liquid-cultured Caenorhabditis elegans using a modified Baermann apparatus. Parasitology International, 2016, 65, 580-583.	1.3	11
48	Increase in the proportion of Plasmodium falciparum with kelch13 C580Y mutation and decline in pfcrt and pfmdr1 mutant alleles in Papua New Guinea. Malaria Journal, 2021, 20, 410.	2.3	11
49	Plasmodium falciparum: Genetic diversity and complexity of infections in an isolated village in western Thailand. Parasitology International, 2015, 64, 260-266.	1.3	10
50	See-through observation of malaria parasite behaviors in the mosquito vector. Scientific Reports, 2019, 9, 1768.	3.3	9
51	Ex vivo susceptibility of Plasmodium falciparum to antimalarial drugs in Northern Uganda. Parasitology International, 2021, 81, 102277.	1.3	9
52	The Choice of Healthcare Providers for Febrile Children after Introducing Non-professional Health Workers in a Malaria Endemic Area in Papua New Guinea. Frontiers in Public Health, 2015, 3, 275.	2.7	8
53	Development of a highly sensitive, quantitative, and rapid detection system for Plasmodium falciparum-infected red blood cells using a fluorescent blue-ray optical system. Biosensors and Bioelectronics, 2019, 132, 375-381.	10.1	8
54	Design of a New Lower-Limb Rehabilitation Machine. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2017, 21, 409-416.	0.9	8

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55	Morpholino antisense oligo inhibits trans-splicing of pre-inositol 1,4,5-trisphosphate receptor mRNA of Trypanosoma cruzi and suppresses parasite growth and infectivity. Parasitology International, 2016, 65, 175-179.	1.3	7
56	Development of a quantitative, portable, and automated fluorescent blue-ray device-based malaria diagnostic equipment with an on-disc SiO2 nanofiber filter. Scientific Reports, 2020, 10, 6585.	3.3	7
57	Identification of pyrimethamine- and chloroquine-resistant Plasmodium falciparum in Africa between 1984 and 1998: genotyping of archive blood samples. Malaria Journal, 2011, 10, 388.	2.3	6
58	Travellers as sentinels: Assaying the worldwide distribution of polymorphisms associated with artemisinin combination therapy resistance in Plasmodium falciparum using malaria cases imported into Scotland. International Journal for Parasitology, 2013, 43, 885-889.	3.1	6
59	Global distribution of polymorphisms associated with delayed Plasmodium falciparum parasite clearance following artemisinin treatment: Genotyping of archive blood samples. Parasitology International, 2015, 64, 267-273.	1.3	6
60	Rapid selection of sulphadoxine-resistant Plasmodium falciparum and its effect on within-population genetic diversity in Papua New Guinea. Scientific Reports, 2018, 8, 5565.	3.3	6
61	Pb103 Regulates Zygote/Ookinete Development in Plasmodium berghei via Double Zinc Finger Domains. Pathogens, 2021, 10, 1536.	2.8	6
62	Circulation of an Artemisinin-Resistant Malaria Lineage in a Traveler Returning from East Africa to France. Clinical Infectious Diseases, 2022, 75, 1242-1244.	5.8	5
63	Inositol 1,4,5â€trisphosphate receptor determines intracellular Ca²⁺ concentration in Trypanosoma cruzi throughout its life cycle. FEBS Open Bio, 2016, 6, 1178-1185.	2.3	4
64	Identification of polymorphisms in genes associated with drug resistance in Plasmodium falciparum isolates from school-age children in Kinshasa, Democratic Republic of Congo. Parasitology International, 2022, 88, 102541.	1.3	4
65	Low prevalence of Plasmodium falciparum parasites lacking pfhrp2/3 genes among asymptomatic and symptomatic school-age children in Kinshasa, Democratic Republic of Congo. Malaria Journal, 2022, 21, 126.	2.3	4
66	Ratio of Surface Roughness to Flow Scale as Additional Parameter for Shear-induced Hemolysis. International Journal of Artificial Organs, 2016, 39, 205-210.	1.4	3
67	Bioinformatic identification of cytochrome b5 homologues from the parasitic nematode Ascaris suum and the free-living nematode Caenorhabditis elegans highlights the crucial role of A. suum adult-specific secretory cytochrome b5 in parasitic adaptation. Parasitology International, 2016, 65, 113-120.	1.3	3
68	Ancient out-of-Africa migration of Plasmodium falciparum along with modern humans. Malaria Journal, 2010, 9, .	2.3	2
69	A dominant negative form of inositol 1,4,5-trisphosphate receptor induces metacyclogenesis and increases mitochondrial density in Trypanosoma cruzi. Biochemical and Biophysical Research Communications, 2015, 466, 475-480.	2.1	2
70	Epidemiology of Severe Fever with Thrombocytopenia Syndrome in Japan. Juntendo Medical Journal, 2019, 65, 130-135.	0.1	2
71	Isolation of Mutants With Reduced Susceptibility to Piperaquine From a Mutator of the Rodent Malaria Parasite Plasmodium berghei. Frontiers in Cellular and Infection Microbiology, 2021, 11, 672691.	3.9	2
72	Challenging Malaria Control. Juntendo Medical Journal, 2015, 61, 370-377.	0.1	2

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73	Derivatives of Dictyostelium differentiation-inducing factors suppress the growth of Plasmodium parasites in vitro and in vivo. Biochemical Pharmacology, 2021, 194, 114834.	4.4	2
74	Donor Screening Revisions of Fecal Microbiota Transplantation in Patients with Ulcerative Colitis. Journal of Clinical Medicine, 2022, 11, 1055.	2.4	2
75	Publications. Parasitology International, 2015, 64, viii-xiii.	1.3	1
76	Quantitative Detection of Plasmodium falciparum Using, LUNA-FL, A Fluorescent Cell Counter. Microorganisms, 2020, 8, 1356.	3.6	1
77	Fitness of sulfadoxine-resistant Plasmodium berghei harboring a single mutation in dihydropteroate synthase (DHPS). Acta Tropica, 2021, 222, 106049.	2.0	1
78	Design of a Bilaterally Asymmetric Pedaling Machine and its Measuring System for Medical Rehabilitation. , 2017, , .		1
79	Current Research Topics in Tropical Diseases; Towards Successful Control and Elimination. Juntendo Medical Journal, 2015, 61, 358-359.	0.1	0
80	Curriculum vitae of Dr. Kazuyuki Tanabe (as of August 12, 2013). Parasitology International, 2015, 64, vii.	1.3	0
81	Highly Sensitive and Rapid Quantitative Detection of Plasmodium falciparum Using an Image Cytometer. Microorganisms, 2020, 8, 1769.	3.6	0
82	The status of malaria before and after distribution of ITNs from 1999 to 2006 in two districts of Khammouanne Province, Lao P.D.R. Tropical Medicine and Health, 2007, 35, 343-350.	2.8	0
83	Aim and Future Perspectives of the Tropical Medicine Association of Juntendo University Through the Activity of the 53 rd South East Asia Research Group. Juntendo Medical Journal, 2018, 64, 59-63.	0.1	0
84	Club Activities of Medical Students at Juntendo University - Changes of Membership over the 30-year Heisei Era -. Juntendo Medical Journal, 2019, 65, 172-178.	0.1	0
85	Effectiveness of immunization activities on measles and rubella immunity among individuals in East Sepik, Papua New Guinea: A cross-sectional study. IJID Regions, 2022, 3, 84-88.	1.3	0
86	Title is missing!. , 2020, 16, e1009133.		0
87	Title is missing!. , 2020, 16, e1009133.		0
88	Title is missing!. , 2020, 16, e1009133.		0
89	Title is missing!. , 2020, 16, e1009133.		0