Akira Kaneko

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8335332/publications.pdf

Version: 2024-02-01

93 papers	3,177 citations	147801 31 h-index	168389 53 g-index
95 all docs	95 docs citations	95 times ranked	3571 citing authors

#	Article	IF	Citations
1	Evaluation of Cryptosporidium parvum oocyst inactivation following exposure to ultraviolet light-emitting diodes by in vitro excystation and dye staining assays. Parasitology International, 2022, 88, 102557.	1.3	0
2	Relationships between mental health and diet during pregnancy and birth outcomes in a lowerâ€•middle income country: â€œHealthy mothers, healthy communitiesâ€•study in Vanuatu. American Journal of Human Biology, 2021, 33, e23500.	1.6	5
3	Characterizing the genomic variation and population dynamics of Plasmodium falciparum malaria parasites in and around Lake Victoria, Kenya. Scientific Reports, 2021, 11, 19809.	3.3	11
4	High-Resolution Linear Epitope Mapping of the Receptor Binding Domain of SARS-CoV-2 Spike Protein in COVID-19 mRNA Vaccine Recipients. Microbiology Spectrum, 2021, 9, e0096521.	3.0	17
5	CYP2D6 genotyping analysis and functional characterization of novel allelic variants in a Ni-Vanuatu and Kenyan population by assessing dextromethorphan O-demethylation activity. Drug Metabolism and Pharmacokinetics, 2020, 35, 89-101.	2.2	9
6	Relationships between Prenatal Distress and Infant Body Mass Index in the First Year of Life in a Lower-Middle Income Country. International Journal of Environmental Research and Public Health, 2020, 17, 7351.	2.6	1
7	Factors Contributing to Symptom Duration and Viral Reduction in Outpatient Children With Respiratory Syncytial Virus Infection. Pediatric Infectious Disease Journal, 2020, 39, 678-683.	2.0	9
8	Efficacy of ultraviolet light-emitting diodes (UV-LED) at four different peak wavelengths against Cryptosporidium parvum oocysts by inactivation assay using immunodeficient mice. Parasitology International, 2020, 77, 102108.	1.3	4
9	Transitions in morphological forms and rapid development of the asexual schizonts of Eimeria tenella through serial passaging in chicks. Infection, Genetics and Evolution, 2019, 75, 103993.	2.3	1
10	Psychosocial distress among women following a natural disaster in a low- to middle-income country: â€œhealthy mothers, healthy communitiesâ€•study in Vanuatu. Archives of Women's Mental Health, 2019, 22, 825-829.	2.6	8
11	Using multiple correspondence analysis to identify behaviour patterns associated with overweight and obesity in Vanuatu adults. Public Health Nutrition, 2019, 22, 1533-1544.	2.2	10
12	Malaria resurgence after significant reduction by mass drug administration on Ngodhe Island, Kenya. Scientific Reports, 2019, 9, 19060.	3.3	15
13	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
14	Rapid and sensitive multiplex single-tube nested PCR for the identification of five human Plasmodium species. Parasitology International, 2018, 67, 277-283.	1.3	10
15	Relationships between psychosocial distress and diet during pregnancy and infant birthweight in a lower-middle income country: â€˜healthy mothers, healthy communitiesâ€™ study in Vanuatu. Annals of Human Biology, 2018, 45, 220-228.	1.0	11
16	First detection and molecular identification of Entamoeba bovis from Japanese cattle. Parasitology Research, 2018, 117, 339-342.	1.6	23
17	Development and application of a rapid and sensitive genotyping method for pharmacogene variants using the single-stranded tag hybridization chromatographic printed-array strip (STH-PAS). Drug Metabolism and Pharmacokinetics, 2018, 33, 258-263.	2.2	9
18	Coming to grips with economic development: Variation in adult hand grip strength during health transition in Vanuatu. American Journal of Physical Anthropology, 2018, 167, 760-776.	2.1	2

#	Article	IF	Citations
19	Functional characterization of 50 CYP2D6 allelic variants by assessing primaquine 5-hydroxylation. Drug Metabolism and Pharmacokinetics, 2018, 33, 250-257.	2.2	25
20	Improvement of malaria diagnostic system based on acridine orange staining. Malaria Journal, 2018, 17, 72.	2.3	10
21	Secular change in adult stature associated with modernization in Vanuatu. American Journal of Human Biology, 2017, 29, e23008.	1.6	3
22	Rolling Tobacco in Banana Leaves, Newspaper, or Copybook Paper Associated With Significant Reduction in Lung Function in Vanuatu. Asia-Pacific Journal of Public Health, 2017, 29, 180-188.	1.0	3
23	Gnathostomiasis caused by ingestion of raw Oncorhynchus masou ishikawae roe. Journal of Dermatology, 2017, 44, e208-e209.	1.2	3
24	Naturally acquired antibody response to Plasmodium falciparum describes heterogeneity in transmission on islands in Lake Victoria. Scientific Reports, 2017, 7, 9123.	3.3	17
25	MASS DRUG ADMINISTRATION (MDA) INTEGRATED MALARIA ELIMINATION IN A HYPO-ENDEMIC ISLAND IN LAKE VICTORIA, KENYA. BMJ Global Health, 2017, 2, A14.1-A14.	4.7	2
26	Selections, frameshift mutations, and copy number variation detected on the surf 4.1 gene in the western Kenyan Plasmodium falciparum population. Malaria Journal, 2017, 16, 98.	2.3	6
27	Challenges for achieving safe and effective radical cure of Plasmodium vivax: a round table discussion of the APMEN Vivax Working Group. Malaria Journal, 2017, 16, 141.	2.3	52
28	Serological measures to assess the efficacy of malaria control programme on Ambae Island, Vanuatu. Parasites and Vectors, 2017, 10, 204.	2.5	26
29	Ownership of consumer electronics is associated with measures of adiposity during health transition in Vanuatu. American Journal of Human Biology, 2017, 29, e22928.	1.6	10
30	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
31	Genetic Diversity and Population Structure of Plasmodium falciparum in Lake Victoria Islands, A Region of Intense Transmission. American Journal of Tropical Medicine and Hygiene, 2016, 95, 1077-1085.	1.4	15
32	High and Heterogeneous Prevalence of Asymptomatic and Sub-microscopic Malaria Infections on Islands in Lake Victoria, Kenya. Scientific Reports, 2016, 6, 36958.	3.3	66
33	A prescription for sustaining community engagement in malaria elimination on Aneityum Island, Vanuatu: an application of Health Empowerment Theory. Malaria Journal, 2015, 14, 291.	2.3	20
34	Repeated myiasis in a female vulvar squamous cell carcinoma caused by Lucilia sericata and Sarcophaga crassipalpis. Journal of Dermatology, 2015, 42, 840-841.	1.2	7
35	Impact of modernization on adult body composition on five islands of varying economic development in vanuatu. American Journal of Human Biology, 2015, 27, 832-844.	1.6	19
36	Novel Mutations in K13 Propeller Gene of Artemisinin-ResistantPlasmodium falciparum. Emerging Infectious Diseases, 2015, 21, 490-492.	4.3	65

#	Article	IF	Citations
37	Plasmodium vivax and Plasmodium falciparum at the Crossroads of Exchange among Islands in Vanuatu: Implications for Malaria Elimination Strategies. PLoS ONE, 2015, 10, e0119475.	2.5	10
38	Plasmodium vivax gametocyte proteins, Pvs48/45 and Pvs47, induce transmission-reducing antibodies by DNA immunization. Vaccine, 2015, 33, 1901-1908.	3.8	51
39	Improved detection of malaria cases in island settings of Vanuatu and Kenya by PCR that targets the Plasmodium mitochondrial cytochrome c oxidase III (cox3) gene. Parasitology International, 2015, 64, 304-308.	1.3	41
40	Community-directed malaria freedom on Aneityum Island, Vanuatu, 1991-2014. Malaria Journal, 2014, 13, .	2.3	6
41	Determinants of the use of insecticide-treated bed nets on islands of pre- and post-malaria elimination: an application of the health belief model in Vanuatu. Malaria Journal, 2014, 13, 441.	2.3	21
42	Single nucleotide polymorphisms in Plasmodium falciparum V type H+ pyrophosphatase gene (pfvp2) and their associations with pfcrt and pfmdr1 polymorphisms. Infection, Genetics and Evolution, 2014, 24, 111-115.	2.3	6
43	Characteristic Age Distribution of Plasmodium vivax Infections after Malaria Elimination on Aneityum Island, Vanuatu. Infection and Immunity, 2014, 82, 243-252.	2.2	33
44	Behavioral risk factors for obesity during health transition in Vanuatu, South Pacific. Obesity, 2013, 21, E98-E104.	3.0	32
45	Frequency of the Functionally Relevant Aryl Hydrocarbon Receptor Repressor (AhRR) Pro185Ala SNP in Papua New Guinea. Drug Metabolism and Pharmacokinetics, 2013, 28, 519-521.	2.2	7
46	When they don't bite, we smell money: understanding malaria bednet misuse. Parasitology, 2013, 140, 580-586.	1.5	26
47	Iron Deficiency and Severe Plasmodium falciparum Malaria. Clinical Infectious Diseases, 2012, 54, 1145-1147.	5.8	5
48	Patterns of childhood and adolescent overweight and obesity during health transition in Vanuatu. Public Health Nutrition, 2012, 15, 158-166.	2.2	23
49	Geographic differentiation of polymorphism in the Plasmodium falciparum malaria vaccine candidate gene SERA5. Vaccine, 2012, 30, 1583-1593.	3.8	28
50	Large-scale survey for novel genotypes of Plasmodium falciparum chloroquine-resistance gene pfcrt. Malaria Journal, 2012, 11, 92.	2.3	20
51	Knowledge and practices of malaria prevention with ITNs in post-and near-elimination areas of Vanuatu. Malaria Journal, 2012, 11, .	2.3	0
52	The Plasmodium Apicoplast Genome: Conserved Structure and Close Relationship of P. ovale to Rodent Malaria Parasites. Molecular Biology and Evolution, 2012, 29, 2095-2099.	8.9	42
53	Worldwide sequence conservation of transmission-blocking vaccine candidate Pvs230 in Plasmodium vivax. Vaccine, 2011, 29, 4308-4315.	3.8	35
54	Clues to Evolution of the SERA Multigene Family in 18 Plasmodium Species. PLoS ONE, 2011, 6, e17775.	2.5	37

#	Article	IF	Citations
55	The Origins of African Plasmodium vivax; Insights from Mitochondrial Genome Sequencing. PLoS ONE, 2011, 6, e29137.	2.5	42
56	Behavioral changes associated with economic development in the South Pacific: Health transition in Vanuatu. American Journal of Human Biology, 2011, 23, 366-376.	1.6	34
57	Spleen rates in children: an old and new surveillance tool for malaria elimination initiatives in island settings. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2011, 105, 226-231.	1.8	15
58	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
59	PfMDR1: Mechanisms of Transport Modulation by Functional Polymorphisms. PLoS ONE, 2011, 6, e23875.	2.5	51
60	Plasmodium falciparum Accompanied the Human Expansion out of Africa. Current Biology, 2010, 20, 1283-1289.	3.9	121
61	A community-directed strategy for sustainable malaria elimination on islands: Short-term MDA integrated with ITNs and robust surveillance. Acta Tropica, 2010, 114, 177-183.	2.0	69
62	Random, top-down, or bottom-up coexistence of parasites: malaria population dynamics in multi-parasitic settings. Ecology, 2009, 90, 2414-2425.	3.2	13
63	Plasmodium falciparumMultidrug Resistance Protein 1 and Artemisininâ€Based Combination Therapy in Africa. Journal of Infectious Diseases, 2009, 200, 1456-1464.	4.0	73
64	Reconstructing the origin of the Lapita Cultural Complex: mtDNA analyses of East Sepik Province, PNG. Journal of Human Genetics, 2008, 53, 698-708.	2.3	14
65	Diversity of the sarco/endoplasmic reticulum Ca2+-ATPase orthologue of Plasmodium falciparum (PfATP6). Infection, Genetics and Evolution, 2008, 8, 340-345.	2.3	52
66	Failure to detect Plasmodium vivax in West and Central Africa by PCR species typing. Malaria Journal, 2008, 7, 174.	2.3	75
67	Malaria transmission pattern resilience to climatic variability is mediated by insecticide-treated nets. Malaria Journal, 2008, 7, 100.	2.3	30
68	Changing patterns of forest malaria among the mobile adult male population in Chumkiri District, Cambodia. Acta Tropica, 2008, 106, 207-212.	2.0	58
69	Indigenous evolution of Plasmodium falciparum pyrimethamine resistance multiple times in Africa. Journal of Antimicrobial Chemotherapy, 2008, 63, 252-255.	3.0	31
70	CTLA-4 polymorphisms and anti-malarial antibodies in a hyper-endemic population of Papua New Guinea. Tropical Medicine and Health, 2008, 36, 93-100.	2.8	0
71	Independent Evolution of Pyrimethamine Resistance in Plasmodium falciparum Isolates in Melanesia. Antimicrobial Agents and Chemotherapy, 2007, 51, 1071-1077.	3.2	44
72	Impact of Artemisinin-Based Combination Therapy and Insecticide-Treated Nets on Malaria Burden in Zanzibar. PLoS Medicine, 2007, 4, e309.	8.4	505

#	Article	IF	Citations
73	Population pharmacokinetics of amodiaquine and desethylamodiaquine in pediatric patients with uncomplicated falciparum malaria. Journal of Pharmacokinetics and Pharmacodynamics, 2007, 34, 669-686.	1.8	41
74	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
75	Flashback to the 1960s: Utility of archived sera to explore the origin and evolution of Plasmodium falciparum chloroquine resistance in the Pacific. Acta Tropica, 2006, 99, 15-22.	2.0	9
76	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
77	Austronesian origin of the 27-bp deletion of the erythrocyte band 3 gene in East Sepik, Papua New Guinea inferred from mtDNA analysis. Journal of Human Genetics, 2006, 51, 244-248.	2.3	13
78	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
79	Hypothesis: malaria biodiversity and control on Island Melanesia. International Congress Series, 2004, 1267, 88-97.	0.2	1
80	Malaria dispersal among islands: human mediated Plasmodium falciparum gene flow in Vanuatu, Melanesia. Acta Tropica, 2004, 90, 181-185.	2.0	20
81	Anemia and malaria at different altitudes in the western highlands of Kenya. Acta Tropica, 2004, 91, 167-175.	2.0	52
82	Malaria on Islands. Advances in Experimental Medicine and Biology, 2003, , 71-82.	1.6	2
83	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
84	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
85	Mosaic organization and heterogeneity in frequency of allelic recombination of the Plasmodium vivax merozoite surface protein-1 locus. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16348-16353.	7.1	135
86	Limited recombination events in merozoite surface protein-1 alleles of Plasmodium falciparum on islands. Gene, 2001, 279, 41-48.	2.2	24
87	Long PCR Amplification of Plasmodium falciparum DNA Extracted from Filter Paper Blots. Experimental Parasitology, 2001, 97, 50-54.	1.2	51
88	Malaria eradication on islands. Lancet, The, 2000, 356, 1560-1564.	13.7	186
89	Intrinsic Efficacy of Proguanil against Falciparum and Vivax Malaria Independent of the Metabolite Cycloguanil. Journal of Infectious Diseases, 1999, 179, 974-979.	4.0	37
90	Malaria epidemiology, glucose 6-phosphate dehydrogenase deficiency and human settlement in the Vanuatu Archipelago. Acta Tropica, 1998, 70, 285-302.	2.0	49

#	Article	IF	Citations
91	High frequencies of CYP2C19 mutations and poor metabolism of proguanil in Vanuatu. Lancet, The, 1997, 349, 921-922.	13.7	50
92	Computer Simulation of a Malaria Control Trial in Vanuatu using a Mathematical Model with Variable Vectorial Capacity.. Tropical Medicine and Health, 1996, 24, 11-19.	0.1	8
93	Greater central adiposity resulting from increased market integration is associated with elevated C-reactive protein levels in older women from the Republic of Vanuatu. Human Biology and Public Health, 0, 2, .	0.0	1