

Peter A Zimmerman

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

137 papers	6,421 citations	49 h-index	75 g-index
144 ext. papers	7,220 ext. citations	5.3 avg, IF	5.37 L-index

#	Paper	IF	Citations
137	Inherited Resistance to HIV-1 Conferred by an Inactivating Mutation in CC Chemokine Receptor 5: Studies in Populations with Contrasting Clinical Phenotypes, Defined Racial Background, and Quantified Risk. <i>Molecular Medicine</i> , 1997 , 3, 23-36	6.2	352
136	CCR5 promoter polymorphism and HIV-1 disease progression. Multicenter AIDS Cohort Study (MACS). <i>Lancet, The</i> , 1998 , 352, 866-70	4.0	336
135	Plasmodium vivax clinical malaria is commonly observed in Duffy-negative Malagasy people. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5967-71	11.5	267
134	The global distribution of the Duffy blood group. <i>Nature Communications</i> , 2011 , 2, 266	17.4	215
133	R5 HIV productively infects Langerhans cells, and infection levels are regulated by compound CCR5 polymorphisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 8401-6	11.5	161
132	Chemokine RANTES promoter polymorphism affects risk of both HIV infection and disease progression in the Multicenter AIDS Cohort Study. <i>Aids</i> , 2000 , 14, 2671-8	3.5	152
131	Plasmodium vivax invasion of human erythrocytes inhibited by antibodies directed against the Duffy binding protein. <i>PLoS Medicine</i> , 2007 , 4, e337	11.6	137
130	Naturally acquired Duffy-binding protein-specific binding inhibitory antibodies confer protection from blood-stage Plasmodium vivax infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 8363-8	11.5	126
129	Glucuronidation of the antiretroviral drug efavirenz by UGT2B7 and an in vitro investigation of drug-drug interaction with zidovudine. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1793-6	4	123
128	THE RISK OF MALARIAL INFECTIONS AND DISEASE IN PAPUA NEW GUINEAN CHILDREN. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007 , 76, 997-1008	3.2	122
127	Differential patterns of infection and disease with P. falciparum and P. vivax in young Papua New Guinean children. <i>PLoS ONE</i> , 2010 , 5, e9047	3.7	103
126	Comparison of diagnostic methods for the detection and quantification of the four sympatric Plasmodium species in field samples from Papua New Guinea. <i>Malaria Journal</i> , 2010 , 9, 361	3.6	102
125	The risk of malarial infections and disease in Papua New Guinean children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007 , 76, 997-1008	3.2	100
124	Onchocerca volvulus: application of the polymerase chain reaction to identification and strain differentiation of the parasite. <i>Experimental Parasitology</i> , 1991 , 73, 335-44	2.1	98
123	DIAGNOSING INFECTION LEVELS OF FOUR HUMAN MALARIA PARASITE SPECIES BY A POLYMERASE CHAIN REACTION/LIGASE DETECTION REACTION FLUORESCENT MICROSPHERE-BASED ASSAY. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006 , 74, 413-421	3.2	95
122	Acquisition of antibodies against Plasmodium falciparum merozoites and malaria immunity in young children and the influence of age, force of infection, and magnitude of response. <i>Infection and Immunity</i> , 2015 , 83, 646-60	3.7	89
121	Force of infection is key to understanding the epidemiology of Plasmodium falciparum malaria in Papua New Guinean children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 10030-5	11.5	87

120	World Antimalarial Resistance Network (WARN) III: molecular markers for drug resistant malaria. <i>Malaria Journal</i> , 2007 , 6, 121	3.6	86
119	Diagnosing infection levels of four human malaria parasite species by a polymerase chain reaction/ligase detection reaction fluorescent microsphere-based assay. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006 , 74, 413-21	3.2	83
118	Fy(a)/Fy(b) antigen polymorphism in human erythrocyte Duffy antigen affects susceptibility to <i>Plasmodium vivax</i> malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 20113-8	11.5	82
117	Prevalence of CYP2B6 alleles in malaria-endemic populations of West Africa and Papua New Guinea. <i>European Journal of Clinical Pharmacology</i> , 2006 , 62, 267-75	2.8	79
116	Genomic analyses of complex <i>P. vivax</i> infections. <i>Malaria Journal</i> , 2014 , 13, O41	3.6	78
115	Whole genome sequencing of field isolates reveals a common duplication of the Duffy binding protein gene in Malagasy <i>Plasmodium vivax</i> strains. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2489	4.8	78
114	De novo assembly of a field isolate genome reveals novel <i>Plasmodium vivax</i> erythrocyte invasion genes. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2569	4.8	78
113	CCR5 promoter polymorphism determines macrophage CCR5 density and magnitude of HIV-1 propagation in vitro. <i>Clinical Immunology</i> , 2003 , 108, 234-40	9	77
112	Why do we need to know more about mixed <i>Plasmodium</i> species infections in humans?. <i>Trends in Parasitology</i> , 2004 , 20, 440-7	6.4	74
111	Red blood cell polymorphism and susceptibility to <i>Plasmodium vivax</i> . <i>Advances in Parasitology</i> , 2013 , 81, 27-76	3.2	73
110	High sensitivity detection of <i>Plasmodium</i> species reveals positive correlations between infections of different species, shifts in age distribution and reduced local variation in Papua New Guinea. <i>Malaria Journal</i> , 2009 , 8, 41	3.6	72
109	<i>Plasmodium vivax</i> Transmission in Africa. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0004222	4.8	71
108	Hemoglobin degradation in malaria-infected erythrocytes determined from live cell magnetophoresis. <i>FASEB Journal</i> , 2006 , 20, 747-9	0.9	70
107	Growing evidence of <i>Plasmodium vivax</i> across malaria-endemic Africa. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007140	4.8	70
106	Insecticidal bed nets and filariasis transmission in Papua New Guinea. <i>New England Journal of Medicine</i> , 2013 , 369, 745-53	59.2	65
105	Multiplicity and diversity of <i>Plasmodium vivax</i> infections in a highly endemic region in Papua New Guinea. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1424	4.8	63
104	CYP2B6 983T>C polymorphism is prevalent in West Africa but absent in Papua New Guinea: implications for HIV/AIDS treatment. <i>British Journal of Clinical Pharmacology</i> , 2007 , 64, 391-5	3.8	63
103	CHANGING PATTERNS OF PLASMODIUM BLOOD-STAGE INFECTIONS IN THE WOSERA REGION OF PAPUA NEW GUINEA MONITORED BY LIGHT MICROSCOPY AND HIGH THROUGHPUT PCR DIAGNOSIS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006 , 75, 588-596	3.2	63

102	Development of a single nucleotide polymorphism barcode to genotype <i>Plasmodium vivax</i> infections. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003539	4.8	62
101	Single-cell genomics for dissection of complex malaria infections. <i>Genome Research</i> , 2014 , 24, 1028-38	9.7	62
100	Discordant patterns of genetic variation at two chloroquine resistance loci in worldwide populations of the malaria parasite <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2212-22	5.9	62
99	The association of the glycophorin C exon 3 deletion with ovalocytosis and malaria susceptibility in the Wosera, Papua New Guinea. <i>Blood</i> , 2001 , 98, 3489-91	2.2	62
98	Reduced <i>Plasmodium vivax</i> erythrocyte infection in PNG Duffy-negative heterozygotes. <i>PLoS ONE</i> , 2007 , 2, e336	3.7	60
97	A sub-microscopic gametocyte reservoir can sustain malaria transmission. <i>PLoS ONE</i> , 2011 , 6, e20805	3.7	57
96	Changing patterns of <i>Plasmodium</i> blood-stage infections in the Wosera region of Papua New Guinea monitored by light microscopy and high throughput PCR diagnosis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006 , 75, 588-96	3.2	57
95	Design of <i>Onchocerca</i> DNA probes based upon analysis of a repeated sequence family. <i>Molecular and Biochemical Parasitology</i> , 1993 , 58, 259-67	1.9	55
94	Development of a multiplex PCR-ligase detection reaction assay for diagnosis of infection by the four parasite species causing malaria in humans. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 2403-10	9.7	54
93	Worldwide variation in human drug-metabolism enzyme genes CYP2B6 and UGT2B7: implications for HIV/AIDS treatment. <i>Pharmacogenomics</i> , 2012 , 13, 555-70	2.6	53
92	Whole genome sequencing of field isolates provides robust characterization of genetic diversity in <i>Plasmodium vivax</i> . <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1811	4.8	52
91	Duffy-null promoter heterozygosity reduces DARC expression and abrogates adhesion of the <i>P. vivax</i> ligand required for blood-stage infection. <i>FEBS Letters</i> , 2001 , 495, 111-4	3.8	51
90	Monitoring <i>Plasmodium falciparum</i> growth and development by UV flow cytometry using an optimized Hoechst-thiazole orange staining strategy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008 , 73, 546-54	4.6	50
89	Malaria diagnosis for malaria elimination. <i>Current Opinion in Infectious Diseases</i> , 2015 , 28, 446-54	5.4	49
88	Novel <i>Plasmodium vivax</i> dhfr alleles from the Indonesian Archipelago and Papua New Guinea: association with pyrimethamine resistance determined by a <i>Saccharomyces cerevisiae</i> expression system. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 733-40	5.9	47
87	How much remains undetected? Probability of molecular detection of human Plasmodia in the field. <i>PLoS ONE</i> , 2011 , 6, e19010	3.7	47
86	DIAGNOSIS OF MALARIA BY MAGNETIC DEPOSITION MICROSCOPY. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006 , 74, 568-572	3.2	47
85	TLR9 polymorphisms are associated with altered IFN-gamma levels in children with cerebral malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010 , 82, 548-55	3.2	46

84	Reduced risk of Plasmodium vivax malaria in Papua New Guinean children with Southeast Asian ovalocytosis in two cohorts and a case-control study. <i>PLoS Medicine</i> , 2012 , 9, e1001305	11.6	45
83	Malaria infections are randomly distributed in diverse holoendemic areas of Papua New Guinea. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002 , 67, 555-62	3.2	44
82	Enhanced detection of gametocytes by magnetic deposition microscopy predicts higher potential for Plasmodium falciparum transmission. <i>Malaria Journal</i> , 2008 , 7, 66	3.6	42
81	Unbiased Characterization of Anopheles Mosquito Blood Meals by Targeted High-Throughput Sequencing. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004512	4.8	40
80	The complete mitochondrial genome sequence of the filarial nematode Wuchereria bancrofti from three geographic isolates provides evidence of complex demographic history. <i>Molecular and Biochemical Parasitology</i> , 2012 , 183, 32-41	1.9	39
79	POLYMERASE CHAIN REACTION DIAGNOSIS AND THE CHANGING PATTERN OF VECTOR ECOLOGY AND MALARIA TRANSMISSION DYNAMICS IN PAPUA NEW GUINEA. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004 , 71, 277-284	3.2	39
78	Arbovirus prevalence in mosquitoes, Kenya. <i>Emerging Infectious Diseases</i> , 2011 , 17, 233-41	10.2	38
77	Glycophorin C (Gerbich antigen blood group) and band 3 polymorphisms in two malaria holoendemic regions of Papua New Guinea. <i>American Journal of Hematology</i> , 2004 , 75, 1-5	7.1	37
76	Elevated pulmonary artery pressure among Amhara highlanders in Ethiopia. <i>American Journal of Human Biology</i> , 2011 , 23, 168-76	2.7	35
75	Intermittent preventive treatment for malaria in Papua New Guinean infants exposed to Plasmodium falciparum and P. vivax: a randomized controlled trial. <i>PLoS Medicine</i> , 2012 , 9, e1001195	11.6	35
74	Spatio-temporal mapping of Madagascar's Malaria Indicator Survey results to assess Plasmodium falciparum endemicity trends between 2011 and 2016. <i>BMC Medicine</i> , 2018 , 16, 71	11.4	34
73	Malaria transmission dynamics surrounding the first nationwide long-lasting insecticidal net distribution in Papua New Guinea. <i>Malaria Journal</i> , 2016 , 15, 25	3.6	32
72	A multiplex ligase detection reaction-fluorescent microsphere assay for simultaneous detection of single nucleotide polymorphisms associated with Plasmodium falciparum drug resistance. <i>Journal of Clinical Microbiology</i> , 2007 , 45, 752-61	9.7	31
71	Mitochondrial genome sequences reveal deep divergences among Anopheles punctulatus sibling species in Papua New Guinea. <i>Malaria Journal</i> , 2013 , 12, 64	3.6	29
70	IDENTIFICATION OF A POLYMORPHIC PLASMODIUM VIVAX MICROSATELLITE MARKER. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003 , 69, 377-379	3.2	29
69	Partnering parasites: evidence of synergism between heavy Schistosoma haematobium and Plasmodium species infections in Kenyan children. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1723	4.8	28
68	Contemporary epidemiological overview of malaria in Madagascar: operational utility of reported routine case data for malaria control planning. <i>Malaria Journal</i> , 2016 , 15, 502	3.6	28
67	Prevalence of UGT1A9 and UGT2B7 nonsynonymous single nucleotide polymorphisms in West African, Papua New Guinean, and North American populations. <i>European Journal of Clinical Pharmacology</i> , 2007 , 63, 1-8	2.8	27

66	Population genomics of the filarial nematode parasite <i>Wuchereria bancrofti</i> from mosquitoes. <i>Molecular Ecology</i> , 2016 , 25, 1465-77	5.7	27
65	Complexity of Infection and Genetic Diversity in Cambodian <i>Plasmodium vivax</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004526	4.8	26
64	Polymerase chain reaction diagnosis and the changing pattern of vector ecology and malaria transmission dynamics in Papua New Guinea. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004 , 71, 277-84	3.2	26
63	Three different <i>Plasmodium</i> species show similar patterns of clinical tolerance of malaria infection. <i>Malaria Journal</i> , 2009 , 8, 158	3.6	25
62	Toll-like receptor polymorphisms and cerebral malaria: TLR2 Δ 2 polymorphism is associated with protection from cerebral malaria in a case control study. <i>Malaria Journal</i> , 2012 , 11, 47	3.6	24
61	Addressing the malaria drug resistance challenge using flow cytometry to discover new antimalarials. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 5452-7	2.9	22
60	Diagnosis of malaria by magnetic deposition microscopy. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006 , 74, 568-72	3.2	22
59	A new high-throughput method for simultaneous detection of drug resistance associated mutations in <i>Plasmodium vivax</i> dhfr, dhps and mdr1 genes. <i>Malaria Journal</i> , 2011 , 10, 282	3.6	21
58	Minimal association of common red blood cell polymorphisms with <i>Plasmodium falciparum</i> infection and uncomplicated malaria in Papua New Guinean school children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010 , 83, 828-33	3.2	21
57	Mathematical modeling of malaria infection with innate and adaptive immunity in individuals and agent-based communities. <i>PLoS ONE</i> , 2012 , 7, e34040	3.7	21
56	Metabolism of primaquine in normal human volunteers: investigation of phase I and phase II metabolites from plasma and urine using ultra-high performance liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Malaria Journal</i> , 2018 , 17, 294	3.6	20
55	Molecular assessment of <i>Plasmodium falciparum</i> resistance to antimalarial drugs in Papua New Guinea using an extended ligase detection reaction fluorescent microsphere assay. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 798-805	5.9	20
54	Comparative analysis of field-isolate and monkey-adapted <i>Plasmodium vivax</i> genomes. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003566	4.8	19
53	Insight into the early spread of chloroquine-resistant <i>Plasmodium falciparum</i> infections in Papua New Guinea. <i>Journal of Infectious Diseases</i> , 2005 , 192, 2174-9	7	19
52	Identification of a polymorphic <i>Plasmodium vivax</i> microsatellite marker. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003 , 69, 377-9	3.2	19
51	Microfluidic assessment of red blood cell mediated microvascular occlusion. <i>Lab on A Chip</i> , 2020 , 20, 2086-2099	7.2	19
50	Molecular-based assay for simultaneous detection of four <i>Plasmodium</i> spp. and <i>Wuchereria bancrofti</i> infections. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010 , 82, 1030-3	3.2	18
49	Application of pharmacogenomics to malaria: a holistic approach for successful chemotherapy. <i>Pharmacogenomics</i> , 2009 , 10, 435-49	2.6	18

48	Microsatellite polymorphism within pfcr1 provides evidence of continuing evolution of chloroquine-resistant alleles in Papua New Guinea. <i>Malaria Journal</i> , 2007 , 6, 34	3.6	18
47	Anopheles mosquito surveillance in Madagascar reveals multiple blood feeding behavior and Plasmodium infection. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007176	4.8	17
46	Molecular epidemiology, phylogeny and evolution of the filarial nematode Wuchereria bancrofti. <i>Infection, Genetics and Evolution</i> , 2014 , 28, 33-43	4.5	17
45	Plasticity of host selection by malaria vectors of Papua New Guinea. <i>Parasites and Vectors</i> , 2017 , 10, 95	4	16
44	Significant geographical differences in prevalence of mutations associated with Plasmodium falciparum and Plasmodium vivax drug resistance in two regions from Papua New Guinea. <i>Malaria Journal</i> , 2015 , 14, 399	3.6	15
43	Treatment with coartem (artemether-lumefantrine) in Papua New Guinea. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010 , 82, 529-34	3.2	15
42	High-throughput molecular diagnosis of circumsporozoite variants VK210 and VK247 detects complex Plasmodium vivax infections in malaria endemic populations in Papua New Guinea. <i>Infection, Genetics and Evolution</i> , 2011 , 11, 391-8	4.5	15
41	Erythrocyte polymorphisms and malaria parasite invasion in Papua New Guinea. <i>Trends in Parasitology</i> , 2003 , 19, 250-2	6.4	15
40	Pyrethroid susceptibility in natural populations of the Anopheles punctulatus group (Diptera: Culicidae) in Papua New Guinea. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010 , 83, 1259-61	3.2	14
39	High throughput multiplex assay for species identification of Papua New Guinea malaria vectors: members of the Anopheles punctulatus (Diptera: Culicidae) species group. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011 , 84, 166-73	3.2	14
38	Multiplex assay for species identification and monitoring of insecticide resistance in Anopheles punctulatus group populations of Papua New Guinea. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012 , 86, 140-51	3.2	14
37	Population genetics of the filarial worm wuchereria bancrofti in a post-treatment region of Papua New Guinea: insights into diversity and life history. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2308	4.8	12
36	Expression of Duffy antigen receptor for chemokines during reticulocyte maturation: using a CD71 flow cytometric technique to identify reticulocytes. <i>Immunohematology</i> , 2020 , 21, 15-20	0.4	12
35	Insights into the Performance of SD Bioline Malaria Ag P.f/Pan Rapid Diagnostic Test and Histidine-Rich Protein 2 Gene Variation in Madagascar. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 98, 1683-1691	3.2	12
34	Parasitemia and Band Sensitivity of the SD Bioline Malaria Ag P.f/Pan Rapid Diagnostic Test in Madagascar. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019 , 100, 1196-1201	3.2	12
33	Human Migration and the Spread of the Nematode Parasite Wuchereria bancrofti. <i>Molecular Biology and Evolution</i> , 2019 , 36, 1931-1941	8.3	11
32	Defensin gene variation and HIV/AIDS: a comprehensive perspective needed. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 687-92	6.5	11
31	Copy Number Variation within Human Defensin Gene Cluster Influences Progression to AIDS in the Multicenter AIDS Cohort Study. <i>Journal of AIDS & Clinical Research</i> , 2012 , 3,	1	11

30	CCR2, CCR5, and CXCL12 variation and HIV/AIDS in Papua New Guinea. <i>Infection, Genetics and Evolution</i> , 2015 , 36, 165-173	4.5	10
29	Whole-genome sequencing reveals absence of recent gene flow and separate demographic histories for <i>Anopheles punctulatus</i> mosquitoes in Papua New Guinea. <i>Molecular Ecology</i> , 2015 , 24, 1263-74	5.74	10
28	Chemokine (C-C motif) receptor 5 -2459 genotype in patients receiving highly active antiretroviral therapy: race-specific influence on virologic success. <i>Journal of Infectious Diseases</i> , 2011 , 204, 291-8	7	10
27	Transmission of SARS-CoV-2 on a Patient Transport Van. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	10
26	Long-term in vitro culture of <i>Plasmodium vivax</i> isolates from Madagascar maintained in Saimiri boliviensis blood. <i>Malaria Journal</i> , 2017 , 16, 442	3.6	9
25	Risk Factors for Malaria Infection in Central Madagascar: Insights from a Cross-Sectional Population Survey. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 99, 995-1002	3.2	9
24	Use of whole-genome sequencing to investigate a cluster of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infections in emergency department personnel. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-3	2	9
23	Draft genome sequence of the <i>Wolbachia</i> endosymbiont of <i>Wuchereria bancrofti</i> wWb. <i>Pathogens and Disease</i> , 2017 , 75,	4.2	8
22	Increased reticulocyte count from cord blood samples using hypotonic lysis. <i>Experimental Parasitology</i> , 2012 , 132, 304-7	2.1	8
21	<i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> genotypes and efficacy of intermittent preventive treatment in Papua New Guinea. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 6958-61	5.9	7
20	Prevalence and genetic variants of G6PD deficiency among two Malagasy populations living in <i>Plasmodium vivax</i> -endemic areas. <i>Malaria Journal</i> , 2017 , 16, 139	3.6	6
19	Differentiating <i>Plasmodium falciparum</i> alleles by transforming Cartesian X,Y data to polar coordinates. <i>BMC Genetics</i> , 2010 , 11, 57	2.6	6
18	Multiple Blood Feeding: A Force Multiplier for Transmission. <i>Trends in Parasitology</i> , 2019 , 35, 949-952	6.4	5
17	African ancestry influences CCR5 -2459G>A genotype-associated virologic success of highly active antiretroviral therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014 , 66, 102-7	3.1	5
16	Comparative description of haplotype structure and genetic diversity of MDR1 (ABCB1) in HIV-positive and HIV-negative populations. <i>Infection, Genetics and Evolution</i> , 2010 , 10, 60-7	4.5	5
15	Duffy Antigen Expression in Erythroid Bone Marrow Precursor Cells of Genotypically Duffy Negative Individuals		5
14	Associations of Toll-Like Receptor and ßDefensin Polymorphisms with Measures of Periodontal Disease (PD) in HIV+ North American Adults: An Exploratory Study. <i>PLoS ONE</i> , 2016 , 11, e0164075	3.7	5
13	The Enigma of <i>Plasmodium vivax</i> Malaria and Erythrocyte Duffy Negativity 2004 , 141-172		4

12	A Novel Assay for Simultaneous Assessment of Mammalian Host Blood, Mosquito Species, and spp. in the Medically Important Mosquitoes of Madagascar. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019 , 100, 544-551	3.2	4
11	Molecular Diagnosis of SARS-CoV-2: Assessing and Interpreting Nucleic Acid and Antigen Tests. <i>Pathogens and Immunity</i> , 2021 , 6, 135-156	4.9	4
10	Reply to Chan et al.. <i>Journal of Infectious Diseases</i> , 2006 , 194, 1024-1025	7	3
9	Histidine-Rich Protein 2 Gene Variation in a Malaria-Endemic Area of Papua New Guinea. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 99, 697-703	3.2	3
8	COVID-19Predict I Predicting Pandemic Trends		3
7	Ensemble survival tree models to reveal pairwise interactions of variables with time-to-events outcomes in low-dimensional setting. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2018 , 17,	1.2	2
6	XG blood group puzzle solved: what's next?. <i>Blood</i> , 2018 , 132, 243	2.2	2
5	A preliminary assessment of and gene polymorphisms in Papua New Guinea - what does it mean for HIV/AIDS?. <i>Papua and New Guinea Medical Journal</i> , 2017 , 60, 51-59		1
4	Human Migration and the Spread of the Nematode Parasite <i>Wuchereria bancrofti</i>		1
3	Genetic Variation and Its Implication for Vivax Malaria Treatment in Madagascar. <i>Frontiers in Pharmacology</i> , 2021 , 12, 654054	5.6	1
2	Investigation of a cluster of severe acute respiratory syndrome coronavirus 2 infections in a hospital administration building.. <i>Infection Control and Hospital Epidemiology</i> , 2022 , 1-19	2	0
1	New challenges and opportunities. <i>Laboratory Techniques in Biochemistry and Molecular Biology / Edited By T S Work [and] E Work</i> , 2007 , 32, 331-412		