

# Nirianne Marie Palacpac

## List of Publications by Year in descending order

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59  
papers

2,420  
citations

236925

25  
h-index

223800

46  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2850  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of Artemisinin-Resistant Malaria in Africa. <i>New England Journal of Medicine</i> , 2021, 385, 1163-1171.	27.0	413
2	<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
3	<i>Plasmodium falciparum</i> Accompanied the Human Expansion out of Africa. <i>Current Biology</i> , 2010, 20, 1283-1289.	3.9	121
4	Immune evasion of <i>Plasmodium falciparum</i> by RIFIN via inhibitory receptors. <i>Nature</i> , 2017, 552, 101-105.	27.8	118
5	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
6	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
7	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
8	<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
9	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
10	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
11	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
12	Evidences of protection against blood-stage infection of <i>Plasmodium falciparum</i> by the novel protein vaccine SE36. <i>Parasitology International</i> , 2010, 59, 380-386.	1.3	61
13	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
14	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
15	Lipid metabolism in <i>Plasmodium falciparum</i> -infected erythrocytes: possible new targets for malaria chemotherapy. <i>Microbes and Infection</i> , 2003, 5, 545-552.	1.9	49
16	Plant cultured cells expressing human beta1,4-galactosyltransferase secrete glycoproteins with galactose-extended N-linked glycans. <i>Glycobiology</i> , 2003, 13, 199-205.	2.5	48
17	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
18	Concatenated mitochondrial DNA of the coccidian parasite <i>Eimeria tenella</i> . <i>Mitochondrion</i> , 2011, 11, 273-278.	3.4	41

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19	Plasmodium falciparum serine repeat antigen 5 (SE36) as a malaria vaccine candidate. <i>Vaccine</i> , 2011, 29, 5837-5845.	3.8	38
20	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
21	Clues to Evolution of the SERA Multigene Family in 18 Plasmodium Species. <i>PLoS ONE</i> , 2011, 6, e17775.	2.5	37
22	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
23	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
24	Geographic differentiation of polymorphism in the Plasmodium falciparum malaria vaccine candidate gene SERA5. <i>Vaccine</i> , 2012, 30, 1583-1593.	3.8	28
25	In Vivo Conversion of a Glycan to Human Compatible Type by Transformed Tobacco Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 553-557.	2.1	26
26	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
27	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
28	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
29	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
30	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
31	Absence of in vivo selection for K13 mutations after artemether+lumefantrine treatment in Uganda. <i>Malaria Journal</i> , 2017, 16, 23.	2.3	24
32	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
33	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
34	Structures of N-Linked Oligosaccharides of Glycoproteins from Tobacco BY2 Suspension Cultured Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 1999, 63, 35-39.	1.3	21
35	Comprehensive analysis of antibody responses to Plasmodium falciparum erythrocyte membrane protein 1 domains. <i>Vaccine</i> , 2018, 36, 6826-6833.	3.8	19
36	First-in-human randomised trial and follow-up study of Plasmodium falciparum blood-stage malaria vaccine BK-SE36 with CpG-ODN(K3). <i>Vaccine</i> , 2020, 38, 7246-7257.	3.8	19

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37	Plasmodium vivax 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
38	Limited Polymorphism of the Plasmodium vivax 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
39	Generation of Rodent Malaria Parasites with a High Mutation Rate by Destructing Proofreading Activity of DNA Polymerase $\delta$ . <i>DNA Research</i> , 2014, 21, 439-446.	3.4	16
40	Plasmodium falciparum mitochondrial genetic diversity exhibits isolation-by-distance patterns supporting a sub-Saharan African origin. <i>Mitochondrion</i> , 2013, 13, 630-636.	3.4	15
41	Global Repertoire of Human Antibodies Against Plasmodium falciparum RIFINs, SURFINs, and STEVORs in a Malaria Exposed Population. <i>Frontiers in Immunology</i> , 2020, 11, 893.	4.8	15
42	Characteristic features of the SERA multigene family in the malaria parasite. <i>Parasites and Vectors</i> , 2020, 13, 170.	2.5	15
43	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
44	Recent increase of genetic diversity in Plasmodium vivax population in the Republic of Korea. <i>Malaria Journal</i> , 2011, 10, 257.	2.3	14
45	The N-Terminal Region of Plasmodium falciparum 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
46	Antibodies reactive to Plasmodium falciparum serine repeat antigen in children with Burkitt lymphoma from Ghana. <i>International Journal of Cancer</i> , 2012, 130, 1908-1914.	5.1	10
47	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. <i>Parasitology International</i> , 2013, 62, 237-239.	1.3	9
48	Ex vivo susceptibility of Plasmodium falciparum to antimalarial drugs in Northern Uganda. <i>Parasitology International</i> , 2021, 81, 102277.	1.3	9
49	Assessment of Mixed Plasmodium falciparum sERA5 Infection in Endemic Burkitt Lymphoma: A Case-Control Study in Malawi. <i>Cancers</i> , 2021, 13, 1692.	3.7	9
50	Malaria vaccines: facing unknowns. <i>F1000Research</i> , 2020, 9, 296.	1.6	8
51	Gibberellin Biosynthetic Inhibitors Make Human Malaria Parasite Plasmodium falciparum Cells Swell and Rupture to Death. <i>PLoS ONE</i> , 2012, 7, e32246.	2.5	7
52	Hematological and Biochemical Data Obtained in Rural Northern Uganda. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 4870-4885.	2.6	4
53	Bifunctional activity of fused Plasmodium falciparum orotate phosphoribosyltransferase and orotidine 5 $\alpha$ -monophosphate decarboxylase. <i>Parasitology International</i> , 2018, 67, 79-84.	1.3	4
54	Preclinical Studies on a New Vaccine Formulation of BK-SE36, a Malaria Vaccine Candidate. <i>Juntendo Medical Journal</i> , 2015, 61, 360-369.	0.1	3

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55	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
56	Characterization of a <i>Plasmodium falciparum</i> PHISTc protein, PF3D7_0801000, in blood- stage malaria parasites. <i>Parasitology International</i> , 2021, 80, 102240.	1.3	2
57	Clues to Evolution of the SERA Multigene Family in the Genus <i>Plasmodium</i> . , 0, , .		1
58	Meta-Analysis of Human Antibodies Against <i>Plasmodium falciparum</i> Variable Surface and Merozoite Stage Antigens. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	1
59	A privileged mentee. <i>Parasitology International</i> , 2015, 64, xx.	1.3	0