

Innocent Valea

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

3,837
citations

279798

23
h-index

133252

59
g-index

82
all docs

82
docs citations

82
times ranked

4250
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | First Results of Phase 3 Trial of RTS,S/AS01 Malaria Vaccine in African Children. <i>New England Journal of Medicine</i> , 2011, 365, 1863-1875. | 27.0 | 773 |
| 2 | A Phase 3 Trial of RTS,S/AS01 Malaria Vaccine in African Infants. <i>New England Journal of Medicine</i> , 2012, 367, 2284-2295. | 27.0 | 653 |
| 3 | Genetic Diversity and Protective Efficacy of the RTS,S/AS01 Malaria Vaccine. <i>New England Journal of Medicine</i> , 2015, 373, 2025-2037. | 27.0 | 332 |
| 4 | Immunogenicity of the RTS,S/AS01 malaria vaccine and implications for duration of vaccine efficacy: secondary analysis of data from a phase 3 randomised controlled trial. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 1450-1458. | 9.1 | 262 |
| 5 | Efficacy of a low-dose candidate malaria vaccine, R21 in adjuvant Matrix-M, with seasonal administration to children in Burkina Faso: a randomised controlled trial. <i>Lancet</i> , The, 2021, 397, 1809-1818. | 13.7 | 253 |
| 6 | Dihydroartemisinin-Piperaquine and Artemether-Lumefantrine for Treating Uncomplicated Malaria in African Children: A Randomised, Non-Inferiority Trial. <i>PLoS ONE</i> , 2009, 4, e7871. | 2.5 | 125 |
| 7 | Four Artemisinin-Based Treatments in African Pregnant Women with Malaria. <i>New England Journal of Medicine</i> , 2016, 374, 913-927. | 27.0 | 83 |
| 8 | Profile: Nanoro Health and Demographic Surveillance System. <i>International Journal of Epidemiology</i> , 2012, 41, 1293-1301. | 1.9 | 79 |
| 9 | An analysis of timing and frequency of malaria infection during pregnancy in relation to the risk of low birth weight, anaemia and perinatal mortality in Burkina Faso. <i>Malaria Journal</i> , 2012, 11, 71. | 2.3 | 74 |
| 10 | First-trimester artemisinin derivatives and quinine treatments and the risk of adverse pregnancy outcomes in Africa and Asia: A meta-analysis of observational studies. <i>PLoS Medicine</i> , 2017, 14, e1002290. | 8.4 | 66 |
| 11 | Safety profile of the RTS,S/AS01 malaria vaccine in infants and children: additional data from a phase III randomized controlled trial in sub-Saharan Africa. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 2386-2398. | 3.3 | 48 |
| 12 | Malaria, malnutrition, and birthweight: A meta-analysis using individual participant data. <i>PLoS Medicine</i> , 2017, 14, e1002373. | 8.4 | 46 |
| 13 | Long-term incidence of severe malaria following RTS,S/AS01 vaccination in children and infants in Africa: an open-label 3-year extension study of a phase 3 randomised controlled trial. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 821-832. | 9.1 | 45 |
| 14 | Anti-malarial efficacy and resistance monitoring of artemether-lumefantrine and dihydroartemisinin-piperaquine shows inadequate efficacy in children in Burkina Faso, 2017-2018. <i>Malaria Journal</i> , 2021, 20, 48. | 2.3 | 43 |
| 15 | Genetically diverse <i>Plasmodium falciparum</i> infections, within-host competition and symptomatic malaria in humans. <i>Scientific Reports</i> , 2019, 9, 127. | 3.3 | 39 |
| 16 | Artesunate-Amodiaquine and Artemether-Lumefantrine Therapies and Selection of <i>Pfcr</i> t and <i>Pfmdr</i> 1 Alleles in Nanoro, Burkina Faso. <i>PLoS ONE</i> , 2016, 11, e0151565. | 2.5 | 37 |
| 17 | Prospective observational study to evaluate the clinical safety of the fixed-dose artemisinin-based combination Eurartesim [®] (dihydroartemisinin/piperaquine), in public health facilities in Burkina Faso, Mozambique, Ghana, and Tanzania. <i>Malaria Journal</i> , 2015, 14, 160. | 2.3 | 36 |
| 18 | <i>In Vivo</i> Selection of <i>Plasmodium falciparum</i> <i>Pfcr</i> t and <i>Pfmdr</i> 1 Variants by Artemether-Lumefantrine and Dihydroartemisinin-Piperaquine in Burkina Faso. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 734-737. | 3.2 | 36 |

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|----|--|------|-----------|
| 19 | Determinants of Plasmodium falciparum multiplicity of infection and genetic diversity in Burkina Faso. Parasites and Vectors, 2020, 13, 427. | 2.5 | 35 |
| 20 | Sublingual Sugar Administration as an Alternative to Intravenous Dextrose Administration to Correct Hypoglycemia Among Children in the Tropics. Pediatrics, 2005, 116, e648-e653. | 2.1 | 34 |
| 21 | Community-based Malaria Screening and Treatment for Pregnant Women Receiving Standard Intermittent Preventive Treatment With Sulfadoxine-Pyrimethamine: A Multicenter (The Gambia,) Tj ETQq1 1 0.784314 rgBT /Overloc 586-596. | 5.8 | 32 |
| 22 | A randomized trial of amodiaquine and artesunate alone and in combination for the treatment of uncomplicated falciparum malaria in children from Burkina Faso. Tropical Medicine and International Health, 2004, 9, 438-444. | 2.3 | 31 |
| 23 | Pharmacokinetics of co-formulated mefloquine and artesunate in pregnant and non-pregnant women with uncomplicated Plasmodium falciparum infection in Burkina Faso. Journal of Antimicrobial Chemotherapy, 2014, 69, 2499-2507. | 3.0 | 31 |
| 24 | Host-mediated selection impacts the diversity of Plasmodium falciparum antigens within infections. Nature Communications, 2018, 9, 1381. | 12.8 | 27 |
| 25 | Clinical management and mortality among COVID-19 cases in sub-Saharan Africa: A retrospective study from Burkina Faso and simulated case analysis. International Journal of Infectious Diseases, 2020, 101, 194-200. | 3.3 | 26 |
| 26 | Efficacy and tolerability of artemisinin-based and quinine-based treatments for uncomplicated falciparum malaria in pregnancy: a systematic review and individual patient data meta-analysis. Lancet Infectious Diseases, The, 2020, 20, 943-952. | 9.1 | 25 |
| 27 | Effectiveness of artesunate+amodiaquine vs. artemether+lumefantrine for the treatment of uncomplicated falciparum malaria in Nanoro, Burkina Faso: a non-inferiority randomised trial. Tropical Medicine and International Health, 2014, 19, 469-475. | 2.3 | 24 |
| 28 | Modulation of innate immune responses at birth by prenatal malaria exposure and association with malaria risk during the first year of life. BMC Medicine, 2018, 16, 198. | 5.5 | 24 |
| 29 | Ex vivo anti-malarial drugs sensitivity profile of Plasmodium falciparum field isolates from Burkina Faso five years after the national policy change. Malaria Journal, 2014, 13, 207. | 2.3 | 22 |
| 30 | Effectiveness and safety of artemether+lumefantrine versus artesunate+amodiaquine for unsupervised treatment of uncomplicated falciparum malaria in patients of all age groups in Nanoro, Burkina Faso: a randomized open label trial. Malaria Journal, 2015, 14, 325. | 2.3 | 22 |
| 31 | Treatment outcomes in a safety observational study of dihydroartemisinin/piperaquine (Eurartesim®) in the treatment of uncomplicated malaria at public health facilities in four African countries. Malaria Journal, 2016, 15, 43. | 2.3 | 22 |
| 32 | The duration of chemoprophylaxis against malaria after treatment with artesunate-amodiaquine and artemether-lumefantrine and the effects of pfmdr1 86Y and pfcr1 76T: a meta-analysis of individual patient data. BMC Medicine, 2020, 18, 47. | 5.5 | 22 |
| 33 | Malaria incidence and prevalence during the first year of life in Nanoro, Burkina Faso: a birth-cohort study. Malaria Journal, 2018, 17, 163. | 2.3 | 21 |
| 34 | The assessment of gestational age: a comparison of different methods from a malaria pregnancy cohort in sub-Saharan Africa. BMC Pregnancy and Childbirth, 2019, 19, 12. | 2.4 | 21 |
| 35 | Performance of OptiMAL-IT® compared to microscopy, for malaria detection in Burkina Faso. Tropical Medicine and International Health, 2009, 14, 338-340. | 2.3 | 20 |
| 36 | Assessment of the safety of antimalarial drug use during early pregnancy (ASAP): protocol for a multicenter prospective cohort study in Burkina Faso, Kenya and Mozambique. Reproductive Health, 2015, 12, 112. | 3.1 | 20 |

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|----|---|-----|-----------|
| 37 | The impact of clinical research activities on communities in rural Africa: the development of the Clinical Research Unit of Nanoro (CRUN) in Burkina Faso. <i>Malaria Journal</i> , 2014, 13, 113. | 2.3 | 19 |
| 38 | Intermittent preventive treatment of malaria with sulphadoxine-pyrimethamine during pregnancy in Burkina Faso: effect of adding a third dose to the standard two-dose regimen on low birth weight, anaemia and pregnancy outcomes. <i>Malaria Journal</i> , 2010, 9, 324. | 2.3 | 18 |
| 39 | Evaluation of Malaria Screening during Pregnancy with Rapid Diagnostic Tests Performed by Community Health Workers in Burkina Faso. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1190-1197. | 1.4 | 18 |
| 40 | Prenatal Lipid-Based Nutrient Supplements Increase Cord Leptin Concentration in Pregnant Women from Rural Burkina Faso. <i>Journal of Nutrition</i> , 2013, 143, 576-583. | 2.9 | 17 |
| 41 | In vivo/ex vivo efficacy of artemether-lumefantrine and artesunate-amodiaquine as first-line treatment for uncomplicated falciparum malaria in children: an open label randomized controlled trial in Burkina Faso. <i>Malaria Journal</i> , 2020, 19, 8. | 2.3 | 17 |
| 42 | Pregnancy outcomes and risk of placental malaria after artemisinin-based and quinine-based treatment for uncomplicated falciparum malaria in pregnancy: a WorldWide Antimalarial Resistance Network systematic review and individual patient data meta-analysis. <i>BMC Medicine</i> , 2020, 18, 138. | 5.5 | 16 |
| 43 | Good Clinical Practice in Resource-Limited Settings: Translating Theory into Practice. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 608-613. | 1.4 | 14 |
| 44 | Immune response to the hepatitis B antigen in the RTS,S/AS01 malaria vaccine, and co-administration with pneumococcal conjugate and rotavirus vaccines in African children: A randomized controlled trial. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 1489-1500. | 3.3 | 14 |
| 45 | Multi-Country Evaluation of Safety of Dihydroartemisinin/Piperaquine Post-Licensure in African Public Hospitals with Electrocardiograms. <i>PLoS ONE</i> , 2016, 11, e0164851. | 2.5 | 13 |
| 46 | Safe and efficacious artemisinin-based combination treatments for African pregnant women with malaria: a multicentre randomized control trial. <i>Reproductive Health</i> , 2015, 12, 5. | 3.1 | 12 |
| 47 | Safety Profile of Drug Use During Pregnancy at Peripheral Health Centres in Burkina Faso: A Prospective Observational Cohort Study. <i>Drugs - Real World Outcomes</i> , 2018, 5, 193-206. | 1.6 | 12 |
| 48 | Artemisinin-based combination therapy during pregnancy: outcome of pregnancy and infant mortality: a cohort study. <i>Malaria Journal</i> , 2019, 18, 105. | 2.3 | 12 |
| 49 | Safety and immunogenicity of the RTS,S/AS01 malaria vaccine in infants and children identified as HIV-infected during a randomized trial in sub-Saharan Africa. <i>Vaccine</i> , 2020, 38, 897-906. | 3.8 | 12 |
| 50 | Dynamic of plasmodium falciparum chloroquine resistance transporter gene Pfcrt K76T mutation five years after withdrawal of chloroquine in Burkina Faso. <i>Pan African Medical Journal</i> , 2015, 21, 101. | 0.8 | 11 |
| 51 | In Vivo Antiplasmodial Activity of Two Sahelian Plant Extracts on Plasmodium berghei ANKA Infected NMRI Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-4. | 1.2 | 9 |
| 52 | Four artemisinin-based treatments in African pregnant women with malaria. <i>Malawi Medical Journal</i> , 2016, 28, 139-149. | 0.6 | 9 |
| 53 | Haematological consequences of acute uncomplicated falciparum malaria: a WorldWide Antimalarial Resistance Network pooled analysis of individual patient data. <i>BMC Medicine</i> , 2022, 20, 85. | 5.5 | 9 |
| 54 | Additional Screening and Treatment of Malaria During Pregnancy Provides Further Protection Against Malaria and Nonmalarial Fevers During the First Year of Life. <i>Journal of Infectious Diseases</i> , 2018, 217, 1967-1976. | 4.0 | 8 |

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|----|---|-----|-----------|
| 55 | <p>Optimal Approach and Strategies to Strengthen Pharmacovigilance in Sub-Saharan Africa: A Cohort Study of Patients Treated with First-Line Artemisinin-Based Combination Therapies in the Nanoro Health and Demographic Surveillance System, Burkina Faso</p><p>. Drug Design, Development and Therapy, 2020, Volume 14, 1507-1521. | 4.3 | 8 |
| 56 | First trimester use of artemisinin-based combination therapy and the risk of low birth weight and small for gestational age. Malaria Journal, 2020, 19, 144. | 2.3 | 8 |
| 57 | Safety of Chloroquine or Hydroxychloroquine Plus Azithromycin for the Treatment of COVID-19 Patients in Burkina Faso: An Observational Prospective Cohort Study. Therapeutics and Clinical Risk Management, 2021, Volume 17, 1187-1198. | 2.0 | 8 |
| 58 | Maternal Malaria and Malnutrition (M3) initiative, a pooled birth cohort of 13 pregnancy studies in Africa and the Western Pacific. BMJ Open, 2016, 6, e012697. | 1.9 | 7 |
| 59 | Plasmodium falciparum gametocyte carriage in symptomatic patients shows significant association with genetically diverse infections, anaemia, and asexual stage density. Malaria Journal, 2021, 20, 31. | 2.3 | 7 |
| 60 | Genetic variation in the immune system and malaria susceptibility in infants: a nested case-control study in Nanoro, Burkina Faso. Malaria Journal, 2021, 20, 94. | 2.3 | 7 |
| 61 | Fetal biometry assessment with Intergrowth 21st [™] s and Salomon [™] s equations in rural Burkina Faso. BMC Pregnancy and Childbirth, 2020, 20, 492. | 2.4 | 5 |
| 62 | Pooled Multicenter Analysis of Cardiovascular Safety and Population Pharmacokinetic Properties of Piperaquine in African Patients with Uncomplicated Falciparum Malaria. Antimicrobial Agents and Chemotherapy, 2020, 64, . | 3.2 | 5 |
| 63 | Long-term immunogenicity and immune memory response to the hepatitis B antigen in the RTS,S/AS01_E malaria vaccine in African children: a randomized trial. Human Vaccines and Immunotherapeutics, 2020, 16, 1464-1470. | 3.3 | 5 |
| 64 | Assessment of a combined strategy of seasonal malaria chemoprevention and supplementation with vitamin A, zinc and Plumpy [™] Doz ^{„ç} to prevent malaria and malnutrition in children under 5 years old in Burkina Faso: a randomized open-label trial (SMC-NUT). Trials, 2021, 22, 360. | 1.6 | 5 |
| 65 | Malaria and curable sexually transmitted infections in pregnant women: A two-years observational study in rural Burkina Faso. PLoS ONE, 2020, 15, e0242368. | 2.5 | 5 |
| 66 | Low birth weight and its associated risk factors in a rural health district of Burkina Faso: a cross sectional study. BMC Pregnancy and Childbirth, 2022, 22, 228. | 2.4 | 5 |
| 67 | <p>High adherence level to artemisinin-based combination therapies in rural settlement 11 years after their introduction in the health system, Nanoro, Burkina Faso</p><p>. Patient Preference and Adherence, 2019, Volume 13, 371-380. | 1.8 | 4 |
| 68 | Association of malaria and curable sexually transmitted infections with pregnancy outcomes in rural Burkina Faso. BMC Pregnancy and Childbirth, 2021, 21, 722. | 2.4 | 4 |
| 69 | Ex vivo anti-malarial drug susceptibility of Plasmodium falciparum isolates from pregnant women in an area of highly seasonal transmission in Burkina Faso. Malaria Journal, 2015, 14, 251. | 2.3 | 3 |
| 70 | Patterns of child mortality in rural area of Burkina Faso: evidence from the Nanoro health and demographic surveillance system (HDSS). BMC Public Health, 2021, 21, 1425. | 2.9 | 3 |
| 71 | Age-modified factors associated with placental malaria in rural Burkina Faso. BMC Pregnancy and Childbirth, 2022, 22, 248. | 2.4 | 3 |
| 72 | Assessment of Recovery Time, Worsening, and Death among Inpatients and Outpatients with COVID-19, Treated with Hydroxychloroquine or Chloroquine plus Azithromycin Combination in Burkina Faso. International Journal of Infectious Diseases, 2022, 118, 224-229. | 3.3 | 3 |

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|----|---|-----|-----------|
| 73 | A microplanning model to improve door-to-door health service delivery: the case of Seasonal Malaria Chemoprevention in Sub-Saharan African villages. BMC Health Services Research, 2020, 20, 1128. | 2.2 | 2 |
| 74 | Magnitude of low birthweight in malaria endemic settings of Nanoro, rural Burkina Faso: a secondary data analysis. Scientific Reports, 2021, 11, 21332. | 3.3 | 2 |
| 75 | Lessons learnt from 20 years surveillance of malaria drug resistance prior to the policy change in Burkina Faso. Annals of Parasitology, 2016, 62, 17-24. | 0.1 | 2 |
| 76 | Population pharmacokinetics of artesunate and dihydroartemisinin in pregnant and non-pregnant women with uncomplicated Plasmodium falciparum malaria in Burkina Faso: an open label trial. Wellcome Open Research, 2019, 4, 45. | 1.8 | 1 |
| 77 | Malaria and curable sexually transmitted and reproductive tract coinfection among pregnant women in rural Burkina Faso. Tropical Medicine and Health, 2021, 49, 90. | 2.8 | 1 |
| 78 | Comparison of effectiveness of two different artemisinin-based combination therapies in an area with high seasonal transmission of malaria in Burkina Faso. Annals of Parasitology, 2017, 63, 127-131. | 0.1 | 1 |
| 79 | Population pharmacokinetics of artesunate and dihydroartemisinin in pregnant and non-pregnant women with uncomplicated Plasmodium falciparum malaria in Burkina Faso: an open label trial. Wellcome Open Research, 0, 4, 45. | 1.8 | 0 |