# Michal Fried

List of Publications by Year
in descending order



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|---|---|---|---|
| 66 papers | 2,796 citations | 218677 26 h-index | 182427 51 g-index |
| 73 all docs | 73 docs citations | 73 times ranked | 2329 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Maternal antibodies block malaria. Nature, 1998, 395, 851-852. | 27.8 | 580 |
| 2 | Antibodies That Inhibit Plasmodium falciparum Adhesion to Chondroitin Sulfate A Are Associated with Increased Birth Weight and the Gestational Age of Newborns. Infection and Immunity, 2003, 71, 6620-6623. | 2.2 | 244 |
| 3 | Parasite Burden and Severity of Malaria in Tanzanian Children. New England Journal of Medicine, 2014, 370, 1799-1808. | 27.0 | 139 |
| 4 | Intermittent Treatment to Prevent Pregnancy Malaria Does Not Confer Benefit in an Area of Widespread Drug Resistance. Clinical Infectious Diseases, 2011, 53, 224-230. | 5.8 | 125 |
| 5 | Malaria during Pregnancy. Cold Spring Harbor Perspectives in Medicine, 2017, 7, a025551. | 6.2 | 125 |
| 6 | Antibodies to PfSEA-1 block parasite egress from RBCs and protect against malaria infection. Science, 2014, 344, 871-877. | 12.6 | 117 |
| 7 | Real-Time Quantitative Reverse Transcription PCR for Monitoring of Blood-Stage Plasmodium falciparum Infections in Malaria Human Challenge Trials. American Journal of Tropical Medicine and Hygiene, 2012, 86, 383-394. | 1.4 | 99 |
| 8 | Designing a VAR2CSA-based vaccine to prevent placental malaria. Vaccine, 2015, 33, 7483-7488. | 3.8 | 71 |
| 9 | Maternal peripheral blood level of IL-10 as a marker for inflammatory placental malaria. Malaria Journal, 2008, 7, 26. | 2.3 | 70 |
| 10 | A Novel Histological Grading Scheme for Placental Malaria Applied in Areas of High and Low Malaria Transmission. Journal of Infectious Diseases, 2010, 202, 1608-1616. | 4.0 | 68 |
| 11 | Six Genes Are Preferentially Transcribed by the Circulating and Sequestered Forms of Plasmodium falciparum Parasites That Infect Pregnant Women. Infection and Immunity, 2007, 75, 4838-4850. | 2.2 | 59 |
| 12 | Anti-PfGARP activates programmed cell death of parasites and reduces severe malaria. Nature, 2020, 582, 104-108. | 27.8 | 59 |
| 13 | The distinct proteome of placental malaria parasites. Molecular and Biochemical Parasitology, 2007, 155, 57-65. | 1.1 | 56 |
| 14 | Chondroitin Sulfate A-Adhering Plasmodium falciparum-Infected Erythrocytes Express Functionally Important Antibody Epitopes Shared by Multiple Variants. Journal of Immunology, 2010, 185, 7553-7561. | 0.8 | 56 |
| 15 | Diagnosing malaria in pregnancy: an update. Expert Review of Anti-Infective Therapy, 2012, 10, 1177-1187. | 4.4 | 56 |
| 16 | Effects of Sex, Parity, and Sequence Variation on Seroreactivity to Candidate Pregnancy Malaria Vaccine Antigens. Journal of Infectious Diseases, 2007, 196, 155-164. | 4.0 | 50 |
| 17 | Evidence for Globally Shared, Cross-Reacting Polymorphic Epitopes in the Pregnancy-Associated Malaria Vaccine Candidate VAR2CSA. Infection and Immunity, 2008, 76, 1791-1800. | 2.2 | 47 |
| 18 | Systemic Inflammatory Response to Malaria During Pregnancy Is Associated With Pregnancy Loss and Preterm Delivery. Clinical Infectious Diseases, 2017, 65, 1729-1735. | 5.8 | 43 |

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|---|---|---|---|
| 19 | Multilaboratory Approach to Preclinical Evaluation of Vaccine Immunogens for Placental Malaria. Infection and Immunity, 2013, 81, 487-495. | 2.2 | 36 |
| 20 | CXC Ligand 9 Response to Malaria during Pregnancy Is Associated with Low-Birth-Weight Deliveries. Infection and Immunity, 2012, 80, 3034-3038. | 2.2 | 35 |
| 21 | VAR2CSA Domain-Specific Analysis of Naturally Acquired Functional Antibodies toPlasmodium falciparumPlacental Malaria. Journal of Infectious Diseases, 2016, 214, 577-586. | 4.0 | 35 |
| 22 | CXCR4 and MIF are required for neutrophil extracellular trap release triggered by Plasmodium-infected erythrocytes. PLoS Pathogens, 2020, 16, e1008230. | 4.7 | 35 |
| 23 | Malaria is a cause of iron deficiency in African children. Nature Medicine, 2021, 27, 653-658. | 30.7 | 35 |
| 24 | Immunization with VAR2CSA-DBL5 Recombinant Protein Elicits Broadly Cross-Reactive Antibodies to Placental Plasmodium falciparum -Infected Erythrocytes. Infection and Immunity, 2010, 78, 2248-2256. | 2.2 | 34 |
| 25 | VAR2CSA Domains Expressed inEscherichia coliInduce Crossâ€Reactive Antibodies to Native Protein. Journal of Infectious Diseases, 2008, 197, 1119-1123. | 4.0 | 31 |
| 26 | Fetal Responses during Placental Malaria Modify the Risk of Low Birth Weight. Infection and Immunity, 2008, 76, 1527-1534. | 2.2 | 30 |
| 27 | Maternal Microchimerism Predicts Increased Infection but Decreased Disease due to Plasmodium falciparum During Early Childhood. Journal of Infectious Diseases, 2017, 215, 1445-1451. | 4.0 | 29 |
| 28 | Placental malaria vaccine candidate antigen VAR2CSA displays atypical domain architecture in some Plasmodium falciparum strains. Communications Biology, 2019, 2, 457. | 4.4 | 26 |
| 29 | Identification of VAR2CSA Domain-Specific Inhibitory Antibodies of the Plasmodium falciparum Erythrocyte Membrane Protein 1 Using a Novel Flow Cytometry Assay. Vaccine Journal, 2013, 20, 433-442. | 3.1 | 24 |
| 30 | Host factors that modify Plasmodium falciparum adhesion to endothelial receptors. Scientific Reports, 2017, 7, 13872. | 3.3 | 24 |
| 31 | Antibody levels to recombinant VAR2CSA domains vary with Plasmodium falciparum parasitaemia, gestational age, and gravidity, but do not predict pregnancy outcomes. Malaria Journal, 2018, 17, 106. | 2.3 | 24 |
| 32 | Optimal mode for delivery of seasonal malaria chemoprevention in Ouelessebougou, Mali: A cluster randomized trial. PLoS ONE, 2018, 13, e0193296. | 2.5 | 23 |
| 33 | Malaria vaccine trials in pregnant women: An imperative without precedent. Vaccine, 2019, 37, 763-770. | 3.8 | 22 |
| 34 | Impact of seasonal malaria chemoprevention on hospital admissions and mortality in children under 5Âyears of age in Ouelessebougou, Mali. Malaria Journal, 2020, 19, 103. | 2.3 | 20 |
| 35 | Malaria in pregnancy: the relevance of animal models for vaccine development. Lab Animal, 2017, 46, 388-398. | 0.4 | 18 |
| 36 | Malaria Infection Is Common and Associated With Perinatal Mortality and Preterm Delivery Despite Widespread Use of Chemoprevention in Mali: An Observational Study 2010 to 2014. Clinical Infectious Diseases, 2021, 73, 1355-1361. | 5.8 | 18 |

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|---|---|---|---|
| 37 | Functional Antibodies against Placental Malaria Parasites Are Variant Dependent and Differ by Geographic Region. Infection and Immunity, 2019, 87, . | 2.2 | 16 |
| 38 | Maternally-derived Antibodies to Schizont Egress Antigen-1 and Protection of Infants From Severe Malaria. Clinical Infectious Diseases, 2019, 68, 1718-1724. | 5.8 | 16 |
| 39 | An unusual presentation of placental malaria: a single persisting nidus of sequestered parasites. Human Pathology, 2007, 38, 520-523. | 2.0 | 15 |
| 40 | Identification of Protective B-Cell Epitopes within the Novel Malaria Vaccine Candidate Plasmodium falciparum Schizont Egress Antigen 1. Vaccine Journal, 2017, 24, . | 3.1 | 14 |
| 41 | A single full-length VAR2CSA ectodomain variant purifies broadly neutralizing antibodies against placental malaria isolates. ELife, 2022, 11, . | 6.0 | 13 |
| 42 | Fetal Origins of Malarial Disease: Cord Blood Cytokines as Risk Markers for Pediatric Severe Malarial Anemia. Journal of Infectious Diseases, 2015, 211, 436-444. | 4.0 | 12 |
| 43 | Effect of seasonal malaria chemoprevention on the acquisition of antibodies to Plasmodium falciparum antigens in Ouelessebougou, Mali. Malaria Journal, 2017, 16, 289. | 2.3 | 12 |
| 44 | Antimalarial antibody repertoire defined by plasma IG proteomics and single B cell IG sequencing. JCI Insight, 2020, 5, . | 5.0 | 12 |
| 45 | Antibodies to Escherichia coli-Expressed C-Terminal Domains of Plasmodium falciparum Variant Surface Antigen 2-Chondroitin Sulfate A (VAR2CSA) Inhibit Binding of CSA-Adherent Parasites to Placental Tissue. Infection and Immunity, 2013, 81, 1031-1039. | 2.2 | 11 |
| 46 | Allelic variants of full-length VAR2CSA, the placental malaria vaccine candidate, differ in antigenicity and receptor binding affinity. Communications Biology, 2021, 4, 1309. | 4.4 | 11 |
| 47 | Effect of three yearsâ€™ seasonal malaria chemoprevention on molecular markers of resistance of Plasmodium falciparum to sulfadoxine-pyrimethamine and amodiaquine in Ouelessebougou, Mali. Malaria Journal, 2022, 21, 39. | 2.3 | 11 |
| 48 | Cord Blood Hepcidin: Cross-Sectional Correlates and Associations with Anemia, Malaria, and Mortality in a Tanzanian Birth Cohort Study. American Journal of Tropical Medicine and Hygiene, 2016, 95, 817-826. | 1.4 | 10 |
| 49 | Evaluation of Pregnancy Malaria Vaccine Candidates: The Binding Inhibition Assay. Methods in Molecular Biology, 2015, 1325, 231-239. | 0.9 | 8 |
| 50 | IFN-Î»4 is associated with increased risk and earlier occurrence of several common infections in African children. Genes and Immunity, 2021, 22, 44-55. | 4.1 | 8 |
| 51 | Pregnancy malaria: cryptic disease, apparent solution. Memorias Do Instituto Oswaldo Cruz, 2011, 106, 64-69. | 1.6 | 8 |
| 52 | Adverse pregnancy outcomes among women presenting at antenatal clinics in OuÃ©lessÃ©bougou, Mali. Reproductive Health, 2020, 17, 39. | 3.1 | 7 |
| 53 | Seroepidemiology of helminths and the association with severe malaria among infants and young children in Tanzania. PLoS Neglected Tropical Diseases, 2018, 12, e0006345. | 3.0 | 7 |
| 54 | Age-dependent increase in antibodies that inhibit Plasmodium falciparum adhesion to a subset of endothelial receptors. Malaria Journal, 2019, 18, 128. | 2.3 | 6 |

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|---|---|---|---|
| 55 | Proteomics Pipeline for Identifying Variant Proteins in Plasmodium falciparum Parasites Isolated from Children Presenting with Malaria. Journal of Proteome Research, 2019, 18, 3831-3839. | 3.7 | 5 |
| 56 | A Malaria-Resistant Phenotype with Immunological Correlates in a Tanzanian Birth Cohort Exposed to Intense Malaria Transmission. American Journal of Tropical Medicine and Hygiene, 2017, 96, 1190-1196. | 1.4 | 5 |
| 57 | Impact of maternally derived antibodies to Plasmodium falciparum Schizont Egress Antigen-1 on the endogenous production of anti-PfSEA-1 in offspring. Vaccine, 2019, 37, 5044-5050. | 3.8 | 3 |
| 58 | Effect of Seasonal Malaria Chemoprevention on Immune Markers of Exhaustion and Regulation. Journal of Infectious Diseases, 2020, 221, 138-145. | 4.0 | 3 |
| 59 | Effect of 4 years of seasonal malaria chemoprevention on the acquisition of antibodies to Plasmodium falciparum antigens in Ouelessebougou, Mali. Malaria Journal, 2021, 20, 23. | 2.3 | 3 |
| 60 | Antibody Levels to Plasmodium falciparum Erythrocyte Membrane Protein 1-DBLÎ³11 and DBLÎ´-1 Predict Reduction in Parasite Density. MSystems, 2021, 6, e0034721. | 3.8 | 3 |
| 61 | An invariant protein that co-localizes with VAR2CSA on Plasmodium falciparum-infected red cells binds to chondroitin sulfate A. Journal of Infectious Diseases, 2021, , . | 4.0 | 3 |
| 62 | Preparing for future efficacy trials of severe malaria vaccines. Vaccine, 2016, 34, 1865-1867. | 3.8 | 2 |
| 63 | A newly characterized malaria antigen on erythrocyte and merozoite surfaces induces parasite inhibitory antibodies. Journal of Experimental Medicine, 2021, 218, . | 8.5 | 2 |
| 64 | Plasmodium falciparum in Aotus nancymaae: A New Model for Placental Malaria. Journal of Infectious Diseases, 2022, 226, 521-527. | 4.0 | 2 |
| 65 | Plasma biomarkers of hemoglobin loss in Plasmodium falciparumâ€“infected children identified by quantitative proteomics. Blood, 2022, 139, 2361-2376. | 1.4 | 2 |
| 66 | Natural history of malaria infections during early childhood in twins. Journal of Infectious Diseases, 0, , . | 4.0 | 1 |