

# Chloe R Mcdonald

## List of Publications by Year in Descending Order

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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.

21  
papers

341  
citations

13  
h-index

18  
g-index

22  
ext. papers

448  
ext. citations

6.6  
avg, IF

3.29  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 21 | Neurocognitive outcomes in Malawian children exposed to malaria during pregnancy: An observational birth cohort study. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003701   | 11.6 | 0         |
| 20 | Malaria in Pregnancy and Adverse Birth Outcomes: New Mechanisms and Therapeutic Opportunities. <i>Trends in Parasitology</i> , <b>2020</b> , 36, 127-137   | 6.4  | 10        |
| 19 | Pregnant Women in Low- and Middle-Income Countries Require a Special Focus During the COVID-19 Pandemic. <i>Frontiers in Global Women S Health</i> , <b>2020</b> , 1, 564560   | 8.4  | 7         |
| 18 | The Impact of Infection in Pregnancy on Placental Vascular Development and Adverse Birth Outcomes. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1924   | 5.7  | 34        |
| 17 | Early malaria infection, dysregulation of angiogenesis, metabolism and inflammation across pregnancy, and risk of preterm birth in Malawi: A cohort study. <i>PLoS Medicine</i> , <b>2019</b> , 16, e1002914                             | 11.6 | 19        |
| 16 | Perspective: L-arginine and L-citrulline Supplementation in Pregnancy: A Potential Strategy to Improve Birth Outcomes in Low-Resource Settings. <i>Advances in Nutrition</i> , <b>2019</b> , 10, 765-777                                 | 10   | 19        |
| 15 | Systemic inflammation is associated with malaria and preterm birth in women living with HIV on antiretrovirals and co-trimoxazole. <i>Scientific Reports</i> , <b>2019</b> , 9, 6758   | 4.9  | 5         |
| 14 | Vitamin D Concentration during Early Pregnancy and Adverse Outcomes among HIV-Negative Women in Dar-es-Salaam, Tanzania: A Case-Control Study. <i>Nutrients</i> , <b>2019</b> , 11,  | 6.7  | 1         |
| 13 | Malaria in pregnancy alters l-arginine bioavailability and placental vascular development. <i>Science Translational Medicine</i> , <b>2018</b> , 10,   | 17.5 | 27        |
| 12 | Estradiol Levels Are Altered in Human Immunodeficiency Virus-Infected Pregnant Women Randomized to Efavirenz-Versus Lopinavir/Ritonavir-Based Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 66, 428-436    | 11.6 | 15        |
| 11 | Integrated fever management: disease severity markers to triage children with malaria and non-malarial febrile illness. <i>Malaria Journal</i> , <b>2018</b> , 17, 353   | 3.6  | 17        |
| 10 | Maternal Dietary L-Arginine and Adverse Birth Outcomes in Dar es Salaam, Tanzania. <i>American Journal of Epidemiology</i> , <b>2017</b> , 186, 603-611  | 3.8  | 4         |
| 9  | Altered angiogenesis as a common mechanism underlying preterm birth, small for gestational age, and stillbirth in women living with HIV. <i>American Journal of Obstetrics and Gynecology</i> , <b>2017</b> , 217, 684.e1-684.e17        | 6.4  | 32        |
| 8  | Brain-derived Neurotrophic Factor Is Associated With Disease Severity and Clinical Outcome in Ugandan Children Admitted to Hospital With Severe Malaria. <i>Pediatric Infectious Disease Journal</i> , <b>2017</b> , 36, 146-150         | 3.4  | 6         |
| 7  | Methemoglobin and nitric oxide therapy in Ugandan children hospitalized for febrile illness: results from a prospective cohort study and randomized double-blind placebo-controlled trial. <i>BMC Pediatrics</i> , <b>2016</b> , 16, 177 | 2.6  | 5         |
| 6  | Host Biomarkers Are Associated With Response to Therapy and Long-Term Mortality in Pediatric Severe Malaria. <i>Open Forum Infectious Diseases</i> , <b>2016</b> , 3, ofw134   | 1    | 18        |
| 5  | Experimental Malaria in Pregnancy Induces Neurocognitive Injury in Uninfected Offspring via a C5a-C5a Receptor Dependent Pathway. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005140   | 7.6  | 28        |

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|---|---|-----|----|
| 4 | Inflammatory and Angiogenic Factors at Mid-Pregnancy Are Associated with Spontaneous Preterm Birth in a Cohort of Tanzanian Women. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134619                               | 3.7 | 14 |
| 3 | Angiogenic and inflammatory biomarkers in midpregnancy and small-for-gestational-age outcomes in Tanzania. <i>American Journal of Obstetrics and Gynecology</i> , <b>2014</b> , 211, 509.e1-8                 | 6.4 | 26 |
| 2 | PPAR $\alpha$ agonists improve survival and neurocognitive outcomes in experimental cerebral malaria and induce neuroprotective pathways in human malaria. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003980 | 7.6 | 37 |
| 1 | The impact of placental malaria on neurodevelopment of exposed infants: a role for the complement system?. <i>Trends in Parasitology</i> , <b>2013</b> , 29, 213-9  | 6.4 | 17 |