

Carla Cerami

List of Publications by Citations

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Version: 2024-04-28

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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.

44
papers

989
citations

14
h-index

31
g-index

46
ext. papers

1,257
ext. citations

7.4
avg, IF

4.29
L-index

#	Paper	IF	Citations
44	The basolateral domain of the hepatocyte plasma membrane bears receptors for the circumsporozoite protein of <i>Plasmodium falciparum</i> sporozoites. <i>Cell</i> , 1992 , 70, 1021-33	56.2	296
43	Host iron status and iron supplementation mediate susceptibility to erythrocytic stage <i>Plasmodium falciparum</i> . <i>Nature Communications</i> , 2014 , 5, 4446	17.4	77
42	Dietary strategies for improving iron status: balancing safety and efficacy. <i>Nutrition Reviews</i> , 2017 , 75, 49-60	6.4	71
41	Oral iron acutely elevates bacterial growth in human serum. <i>Scientific Reports</i> , 2015 , 5, 16670	4.9	67
40	Hemoglobinopathies: slicing the Gordian knot of <i>Plasmodium falciparum</i> malaria pathogenesis. <i>PLoS Pathogens</i> , 2013 , 9, e1003327	7.6	59
39	Binding of malarial circumsporozoite protein to sulfatides [Gal(3-SO4)beta 1-Cer] and cholesterol-3-sulfate and its dependence on disulfide bond formation between cysteines in region II. <i>Molecular and Biochemical Parasitology</i> , 1992 , 54, 1-12	1.9	52
38	Influence of host iron status on <i>Plasmodium falciparum</i> infection. <i>Frontiers in Pharmacology</i> , 2014 , 5, 84	5.6	48
37	Iron Nutriture of the Fetus, Neonate, Infant, and Child. <i>Annals of Nutrition and Metabolism</i> , 2017 , 71 Suppl 3, 8-14	4.5	32
36	The role of the red blood cell in host defence against <i>falciparum</i> malaria: an expanding repertoire of evolutionary alterations. <i>British Journal of Haematology</i> , 2017 , 179, 543-556	4.5	29
35	Anemia Offers Stronger Protection Than Sickle Cell Trait Against the Erythrocytic Stage of <i>Falciparum</i> Malaria and This Protection Is Reversed by Iron Supplementation. <i>EBioMedicine</i> , 2016 , 14, 123-130	8.8	28
34	The Role of Nutrition in COVID-19 Susceptibility and Severity of Disease: A Systematic Review. <i>Journal of Nutrition</i> , 2021 , 151, 1854-1878	4.1	24
33	Respiratory infections drive hepcidin-mediated blockade of iron absorption leading to iron deficiency anemia in African children. <i>Science Advances</i> , 2019 , 5, eaav9020	14.3	19
32	Efficacy and safety of hepcidin-based screen-and-treat approaches using two different doses versus a standard universal approach of iron supplementation in young children in rural Gambia: a double-blind randomised controlled trial. <i>BMC Pediatrics</i> , 2016 , 16, 149	2.6	17
31	A double blind randomised controlled trial comparing standard dose of iron supplementation for pregnant women with two screen-and-treat approaches using hepcidin as a biomarker for ready and safe to receive iron. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 157	3.2	14
30	The ferroportin Q248H mutation protects from anemia, but not malaria or bacteremia. <i>Science Advances</i> , 2019 , 5, eaaw0109	14.3	13
29	Host iron status and erythropoietic response to iron supplementation determines susceptibility to the RBC stage of <i>falciparum</i> malaria during pregnancy. <i>Scientific Reports</i> , 2017 , 7, 17674	4.9	12
28	RBC barcoding allows for the study of erythrocyte population dynamics and <i>P. falciparum</i> merozoite invasion. <i>PLoS ONE</i> , 2014 , 9, e101041	3.7	12

27	Household transmission of SARS-CoV-2 in the United States: living density, viral load, and disproportionate impact on communities of color. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	12
26	Hepcidin-guided screen-and-treat interventions against iron-deficiency anaemia in pregnancy: a randomised controlled trial in The Gambia. <i>The Lancet Global Health</i> , 2019 , 7, e1564-e1574	13.6	11
25	Guts, Germs, and Iron: A Systematic Review on Iron Supplementation, Iron Fortification, and Diarrhea in Children Aged 4-59 Months. <i>Current Developments in Nutrition</i> , 2019 , 3, nzz005	0.4	10
24	Could nutrition modulate COVID-19 susceptibility and severity of disease? A systematic review		8
23	Differences in the frequency of genetic variants associated with iron imbalance among global populations. <i>PLoS ONE</i> , 2020 , 15, e0235141	3.7	7
22	High burden and seasonal variation of paediatric scabies and pyoderma prevalence in The Gambia: A cross-sectional study. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007801	4.8	7
21	Hepcidin mediates hypoferrremia and reduces the growth potential of bacteria in the immediate post-natal period in human neonates. <i>Scientific Reports</i> , 2019 , 9, 16596	4.9	7
20	High household transmission of SARS-CoV-2 in the United States: living density, viral load, and disproportionate impact on communities of color 2021 ,		7
19	Antenatal iron supplementation and birth weight in conditions of high exposure to infectious diseases. <i>BMC Medicine</i> , 2019 , 17, 146	11.4	6
18	High-performance liquid chromatographic method for guanylhydrazone compounds. <i>Biomedical Applications</i> , 1996 , 675, 71-5		6
17	Biopreservation of RBCs for in vitro Plasmodium falciparum culture. <i>British Journal of Haematology</i> , 2016 , 175, 741-744	4.5	3
16	Early postnatal hypoferrremia in low birthweight and preterm babies: A prospective cohort study in hospital-delivered Gambian neonates. <i>EBioMedicine</i> , 2020 , 52, 102613	8.8	2
15	A recall-by-genotype study on polymorphisms in the Tmprss6 gene and oral iron absorption: a study protocol. <i>F1000Research</i> , 8, 701	3.6	2
14	African women working in global health: closing the gender gap in Africa?. <i>The Lancet Global Health</i> , 2018 , 6, e369	13.6	1
13	In vitro and in vivo antimalarial activity of amphiphilic naphthothiazolium salts with amine-bearing side chains. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014 , 91, 824-32	3.2	1
12	Neonatal iron distribution and infection susceptibility in full term, preterm and low birthweight babies in urban Gambia: study protocol for an observational study. <i>Gates Open Research</i> , 2019 , 3, 1469	2.4	1
11	Neonatal iron distribution and infection susceptibility in full term, preterm and low birthweight babies in urban Gambia: study protocol for an observational study.. <i>Gates Open Research</i> , 2019 , 3, 1469	2.4	1
10	Hepcidin, Serum Iron, and Transferrin Saturation in Full-Term and Premature Infants during the First Month of Life: A State-of-the-Art Review of Existing Evidence in Humans. <i>Current Developments in Nutrition</i> , 2020 , 4, nzaa104	0.4	1

9	Common Variants in the Gene Alter Hcpidin but not Plasma Iron in Response to Oral Iron in Healthy Gambian Adults: A Recall-by-Genotype Study. <i>Current Developments in Nutrition</i> , 2021 , 5, nzab014	0.4	1
8	Practical strategies for SARS-CoV-2 RT-PCR testing in resource-constrained settings 2021 ,		1
7	Practical strategies for SARS-CoV-2 RT-PCR testing in resource-constrained settings. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021 , 101, 115469	2.9	1
6	Iron supplementation of breastfed Gambian infants from 6 weeks to 6 months of age: protocol for a randomised controlled trial. <i>Wellcome Open Research</i> , 7, 16	4.8	0
5	Association of common TMPRSS6 and TF gene variants with hepcidin and iron status in healthy rural Gambians. <i>Scientific Reports</i> , 2021 , 11, 8075	4.9	0
4	Artemisinin Activity in Red Blood Cells from Anemic Children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 , 104, 271-275	3.2	0
3	Thiamine deficiency in Gambian women of reproductive age. <i>Annals of the New York Academy of Sciences</i> , 2021 ,	6.5	0
2	The Consequences of Isolating at Home. <i>Clinical Infectious Diseases</i> , 2021 , 73, e2823	11.6	
1	A recall-by-genotype study on polymorphisms in the TMPRSS6 gene and oral iron absorption: a study protocol. <i>F1000Research</i> , 8, 701	3.6	