

# Sharon E Cox

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,613  
citations

257450

24  
h-index

197818

49  
g-index

75  
all docs

75  
docs citations

75  
times ranked

3737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal nutrition at conception modulates DNA methylation of human metastable epialleles. <i>Nature Communications</i> , 2014, 5, 3746.	12.8	428
2	Mortality in Sickle Cell Anemia in Africa: A Prospective Cohort Study in Tanzania. <i>PLoS ONE</i> , 2011, 6, e14699.	2.5	242
3	Hepcidin is the major predictor of erythrocyte iron incorporation in anemic African children. <i>Blood</i> , 2012, 119, 1922-1928.	1.4	149
4	Maternal nutritional status, C1 metabolism and offspring DNA methylation: a review of current evidence in human subjects. <i>Proceedings of the Nutrition Society</i> , 2012, 71, 154-165.	1.0	139
5	Malaria in patients with sickle cell anemia: burden, risk factors, and outcome at the outpatient clinic and during hospitalization. <i>Blood</i> , 2010, 115, 215-220.	1.4	136
6	DNA methylation potential: dietary intake and blood concentrations of one-carbon metabolites and cofactors in rural African women. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1217-1227.	4.7	131
7	Genetics of fetal hemoglobin in Tanzanian and British patients with sickle cell anemia. <i>Blood</i> , 2011, 117, 1390-1392.	1.4	104
8	Expression of the Iron Hormone Hepcidin Distinguishes Different Types of Anemia in African Children. <i>Science Translational Medicine</i> , 2014, 6, 235re3.	12.4	95
9	Genome Wide Association Study of Fetal Hemoglobin in Sickle Cell Anemia in Tanzania. <i>PLoS ONE</i> , 2014, 9, e111464.	2.5	78
10	Effect of Daily Antenatal Iron Supplementation on <i>Plasmodium</i> Infection in Kenyan Women. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 1009.	7.4	67
11	Iron Metabolism and Malaria. <i>Food and Nutrition Bulletin</i> , 2007, 28, S524-S539.	1.4	61
12	Nutritional status, hospitalization and mortality among patients with sickle cell anemia in Tanzania. <i>Haematologica</i> , 2011, 96, 948-953.	3.5	49
13	Iron Incorporation and Post-Malaria Anaemia. <i>PLoS ONE</i> , 2008, 3, e2133.	2.5	48
14	Haptoglobin, alpha-thalassaemia and glucose-6-phosphate dehydrogenase polymorphisms and risk of abnormal transcranial Doppler among patients with sickle cell anaemia in Tanzania. <i>British Journal of Haematology</i> , 2014, 165, 699-706.	2.5	47
15	Health policy for sickle cell disease in Africa: experience from Tanzania on interventions to reduce under-five mortality. <i>Tropical Medicine and International Health</i> , 2015, 20, 184-187.	2.3	42
16	Host-Pathogen Interactions: Can Micronutrients Tip the Balance?1. <i>Journal of Nutrition</i> , 2007, 137, 1334-1337.	2.9	38
17	Haplotype Association between Haptoglobin (Hp2) and Hp Promoter SNP (A-61C) May Explain Previous Controversy of Haptoglobin and Malaria Protection. <i>PLoS ONE</i> , 2007, 2, e362.	2.5	38
18	Vitamin A supplementation increases ratios of proinflammatory to anti-inflammatory cytokine responses in pregnancy and lactation. <i>Clinical and Experimental Immunology</i> , 2006, 144, 392-400.	2.6	37

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19	Iron delocalisation in the pathogenesis of malarial anaemia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2010, 104, 175-184.	1.8	35
20	Newborn screening for sickle cell disease: an innovative pilot program to improve child survival in Dar es Salaam, Tanzania. International Health, 2019, 11, 589-595.	2.0	35
21	Association between atherosclerosis and handgrip strength in non-hypertensive populations in India and Japan. Geriatrics and Gerontology International, 2018, 18, 1071-1078.	1.5	34
22	A ten year review of the sickle cell program in Muhimbili National Hospital, Tanzania. BMC Hematology, 2018, 18, 33.	2.6	31
23	Rapid Acquisition of Isolate-Specific Antibodies to Chondroitin Sulfate A-Adherent Plasmodium falciparum Isolates in Ghanaian Primigravidae. Infection and Immunity, 2005, 73, 2841-2847.	2.2	30
24	Maternal vitamin A supplementation and immunity to malaria in pregnancy in Ghanaian primigravids. Tropical Medicine and International Health, 2005, 10, 1286-1297.	2.3	29
25	Bacteraemia in sickle cell anaemia is associated with low haemoglobin: a report of 890 admissions to a tertiary hospital in Tanzania. British Journal of Haematology, 2015, 171, 273-276.	2.5	27
26	Patterns and predictors of co-morbidities in Tuberculosis: A cross-sectional study in the Philippines. Scientific Reports, 2020, 10, 4100.	3.3	27
27	Global Genetic Architecture of an Erythroid Quantitative Trait Locus, <i>HMIP-2</i> . Annals of Human Genetics, 2014, 78, 434-451.	0.8	24
28	Genetic association of fetal-hemoglobin levels in individuals with sickle cell disease in Tanzania maps to conserved regulatory elements within the MYB core enhancer. BMC Medical Genetics, 2015, 16, 4.	2.1	24
29	Genetic variants at HbF-modifier loci moderate anemia and leukocytosis in sickle cell disease in Tanzania. American Journal of Hematology, 2015, 90, E1-4.	4.1	21
30	Global arginine bioavailability in Tanzanian sickle cell anaemia patients at steady-state: a nested case control study of deaths versus survivors. British Journal of Haematology, 2011, 155, 522-524.	2.5	18
31	Peripheral vascular response to inspiratory breath hold in paediatric homozygous sickle cell disease. Experimental Physiology, 2013, 98, 49-56.	2.0	17
32	Ready-to-use food supplement, with or without arginine and citrulline, with daily chloroquine in Tanzanian children with sickle-cell disease: a double-blind, random order crossover trial. Lancet Haematology, 2018, 5, e147-e160.	4.6	17
33	Transcranial Doppler and Magnetic Resonance in Tanzanian Children With Sickle Cell Disease. Stroke, 2019, 50, 1719-1726.	2.0	16
34	Negative Epistasis between Sickle and Foetal Haemoglobin Suggests a Reduction in Protection against Malaria. PLoS ONE, 2015, 10, e0125929.	2.5	16
35	Awareness and preparedness of healthcare workers against the first wave of the COVID-19 pandemic: A cross-sectional survey across 57 countries. PLoS ONE, 2021, 16, e0258348.	2.5	16
36	Mid-upper arm circumference predicts death in adult patients admitted to a TB ward in the Philippines: A prospective cohort study. PLoS ONE, 2019, 14, e0218193.	2.5	15

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37	Hematological and Genetic Predictors of Daytime Hemoglobin Saturation in Tanzanian Children with and without Sickle Cell Anemia. <i>ISRN Hematology</i> , 2013, 2013, 1-6.	1.6	14
38	Prevalence and risk factors of <i>Schistosoma mansoni</i> infection among children under two years of age in Mbita, Western Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008473.	3.0	14
39	Haptoglobin genotype, anaemia and malaria in Gambian children. <i>Tropical Medicine and International Health</i> , 2008, 13, 76-82.	2.3	13
40	Low folate status and indoor pollution are risk factors for endemic optic neuropathy in Tanzania. <i>British Journal of Ophthalmology</i> , 2011, 95, 1361-1364.	3.9	13
41	Coronary heart disease and stroke disease burden attributable to fruit and vegetable intake in Japan: projected DALYS to 2060. <i>BMC Public Health</i> , 2019, 19, 707.	2.9	13
42	Exposure to paternal tobacco smoking increased child hospitalization for lower respiratory infections but not for other diseases in Vietnam. <i>Scientific Reports</i> , 2017, 7, 45481.	3.3	12
43	Fetal Hemoglobin is Associated with Peripheral Oxygen Saturation in Sickle Cell Disease in Tanzania. <i>EBioMedicine</i> , 2017, 23, 146-149.	6.1	11
44	Awareness and Preparedness of Hospital Staff against Novel Coronavirus (COVID-2019): A Global Survey - Study Protocol. <i>SSRN Electronic Journal</i> , 0, , .	0.4	11
45	Asymptomatic malaria in the etiology of iron deficiency anemia: a nutritionist's viewpoint. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 1283-1284.	4.7	10
46	Sickle Cell Anemia: Iron Availability and Nocturnal Oximetry. <i>Journal of Clinical Sleep Medicine</i> , 2012, 08, 541-545.	2.6	10
47	Haptoglobin and Sickle Cell Polymorphisms and Risk of Active Trachoma in Gambian Children. <i>PLoS ONE</i> , 2010, 5, e11075.	2.5	9
48	Tricuspid regurgitant jet velocity and hospitalization in Tanzanian children with sickle cell anemia. <i>Haematologica</i> , 2014, 99, e1-e4.	3.5	8
49	Left Ventricular Rotational Mechanics in Tanzanian Children with Sickle Cell Disease. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 340-346.	2.8	8
50	Population-Based Incidence Rates of First-Ever Stroke in Central Vietnam. <i>PLoS ONE</i> , 2016, 11, e0160665.	2.5	8
51	Decreased Hcpidin Levels Are Associated with Low Steady-state Hemoglobin in Children With Sickle Cell Disease in Tanzania. <i>EBioMedicine</i> , 2018, 34, 158-164.	6.1	8
52	Performance of alternative measures to body mass index in the assessment of moderate and severe under-nutrition among acutely unwell patients hospitalized in a TB ward in the Philippines: A cross-sectional study. <i>PLoS ONE</i> , 2019, 14, e0215968.	2.5	8
53	High prevalence of individuals with low concentration of fetal hemoglobin in Fâ€œcells in sickle cell anemia in Tanzania. <i>American Journal of Hematology</i> , 2016, 91, E323-4.	4.1	7
54	A pilot study of a non-invasive oral nitrate stable isotopic method suggests that arginine and citrulline supplementation increases whole-body NO production in Tanzanian children with sickle cell disease. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 74, 19-22.	2.7	7

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55	Frequent unregulated use of antibiotics in rural Cambodian infants. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2020, 114, 401-407.	1.8	7
56	Depression, Nutrition, and Adherence to Antiretroviral Therapy in Men Who Have Sex With Men in Manila, Philippines. <i>Frontiers in Public Health</i> , 2021, 9, 644438.	2.7	6
57	Nocturnal haemoglobin oxygen saturation variability is associated with vitamin C deficiency in Tanzanian children with sickle cell anaemia. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2011, 100, 594-597.	1.5	5
58	Study Protocol for a Global Survey: Awareness and Preparedness of Hospital Staff Against Coronavirus Disease (COVID-19) Outbreak. <i>Frontiers in Public Health</i> , 2021, 9, 580427.	2.7	5
59	Association of postnatal severe acute malnutrition with pancreatic exocrine and endocrine function in children and adults: a systematic review. <i>British Journal of Nutrition</i> , 2023, 129, 576-609.	2.3	5
60	Serum Calcium Concentrations, Chronic Inflammation and Glucose Metabolism: A Cross-Sectional Analysis in the Andhra Pradesh Children and Parents Study (APCaPS). <i>Current Developments in Nutrition</i> , 2019, 3, nzy085.	0.3	4
61	Depression and its associated factors among people with multidrug-resistant tuberculosis in Myanmar. <i>Tropical Medicine and International Health</i> , 2021, 26, 1117-1126.	2.3	4
62	Patterns of non-communicable comorbidities at start of tuberculosis treatment in three regions of the Philippines: The St-ATT cohort. <i>PLOS Global Public Health</i> , 2021, 1, e0000011.	1.6	4
63	Does capitation affect patient satisfaction and prevalence of out-of-pocket payments in the insured? A propensity score analysis of Ghana's demographic and health survey data. <i>BMC Health Services Research</i> , 2019, 19, 732.	2.2	3
64	An observational report of universal GeneXpert testing of inpatients with diagnosed or presumptive TB in the Philippines. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2020, 114, 682-686.	1.8	3
65	Determinants of growth measurements in rural Cambodian infants: a cross-sectional study. <i>International Health</i> , 2021, 13, 49-56.	2.0	3
66	Randomised controlled trial of weekly chloroquine to re-establish normal erythron iron flux and haemoglobin recovery in postmalarial anaemia. <i>BMJ Open</i> , 2013, 3, e002666.	1.9	2
67	Systemic Nitric Oxide (NO) Production is Increased in Children with Sickle Cell Disease (SCD) Receiving Fortified Supplementary Food. <i>FASEB Journal</i> , 2015, 29, LB276.	0.5	1
68	Characteristics and Comorbidities at Start of Tuberculosis Treatment in Three Regions of the Philippines: The St-ATT Cohort. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
69	A haptoglobin gene promoter polymorphism (A61C) protects from anaemia in pregnant Zanzibari women. <i>FASEB Journal</i> , 2007, 21, A1119.	0.5	0
70	Ready-to-Use Supplementary Food Supplements Improve Endothelial Function, Hemoglobin and Growth in Tanzanian Children with Sickle Cell Anaemia: The Vascular Function Intervention Study (V-FIT), a Random Order Crossover Trial. <i>Blood</i> , 2014, 124, 4087-4087.	1.4	0
71	Long-term health after Severe Acute Malnutrition in children and adults- the role of the Pancreas (SAMPA): Protocol. <i>F1000Research</i> , 0, 11, 777.	1.6	0