

Katherine E A Semrau

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.

101
papers

2,954
citations

30
h-index

52
g-index

111
ext. papers

3,424
ext. citations

5.8
avg, IF

4.45
L-index

#	Paper	IF	Citations
101	Estimating maternity ward birth attendant time use in India: a microcosting study.. <i>BMJ Open</i> , 2022 , 12, e054164	3	
100	Intended versus actual delivery location and factors associated with change in delivery location among pregnant women in Southern Province, Zambia: a prespecified secondary observational analysis of the ZamCAT.. <i>BMJ Open</i> , 2022 , 12, e055288	3	0
99	The WHO safe childbirth checklist after 5 years: future directions for improving outcomes.. <i>The Lancet Global Health</i> , 2022 , 10, e324-e325	13.6	1
98	Authors reply re: Modification of oxytocin use through a coaching-based intervention based on the WHO Safe Childbirth Checklist in Uttar Pradesh, India: a secondary analysis of a cluster randomised controlled trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021 ,	3.7	
97	Mixed-methods, descriptive and observational cohort study examining feeding and growth patterns among low birthweight infants in India, Malawi and Tanzania: the LIFE study protocol. <i>BMJ Open</i> , 2021 , 11, e048216	3	1
96	Components of clean delivery kits and newborn mortality in the Zambia Chlorhexidine Application Trial (ZamCAT): An observational study. <i>PLoS Medicine</i> , 2021 , 18, e1003610	11.6	0
95	Direct maternal morbidity and the risk of pregnancy-related deaths, stillbirths, and neonatal deaths in South Asia and sub-Saharan Africa: A population-based prospective cohort study in 8 countries. <i>PLoS Medicine</i> , 2021 , 18, e1003644	11.6	0
94	Adaptation and implementation of the WHO Safe Childbirth Checklist around the world. <i>Implementation Science Communications</i> , 2021 , 2, 76	2.2	1
93	The effect of milk type and fortification on the growth of low-birthweight infants: An umbrella review of systematic reviews and meta-analyses. <i>Maternal and Child Nutrition</i> , 2021 , 17, e13176	3.4	3
92	Maternal waiting homes: shortening the distance to safer childbirth. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021 , 128, 1813	3.7	
91	Modification of oxytocin use through a coaching-based intervention based on the WHO Safe Childbirth Checklist in Uttar Pradesh, India: a secondary analysis of a cluster randomised controlled trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021 , 128, 2013-2021	3.7	2
90	What is meant by validity in maternal and newborn health measurement? A conceptual framework for understanding indicator validation. <i>PLoS ONE</i> , 2020 , 15, e0233969	3.7	7
89	Optimizing the development and evaluation of complex interventions: lessons learned from the BetterBirth Program and associated trial. <i>Implementation Science Communications</i> , 2020 , 1, 29	2.2	1
88	Nurses and auxiliary nurse midwives adherence to essential birth practices with peer coaching in Uttar Pradesh, India: a secondary analysis of the BetterBirth trial. <i>Implementation Science</i> , 2020 , 15, 1	8.4	30
87	Who's your coach? The relationship between coach characteristics and birth attendants adherence to the WHO Safe Childbirth Checklist. <i>Gates Open Research</i> , 2020 , 4, 111	2.4	1
86	Coaching Intensity, Adherence to Essential Birth Practices, and Health Outcomes in the BetterBirth Trial in Uttar Pradesh, India. <i>Global Health, Science and Practice</i> , 2020 , 8, 38-54	2.8	4
85	Just-in-time postnatal education programmes to improve newborn care practices: needs and opportunities in low-resource settings. <i>BMJ Global Health</i> , 2020 , 5,	6.6	3

84	Does adherence to evidence-based practices during childbirth prevent perinatal mortality? A post-hoc analysis of 3,274 births in Uttar Pradesh, India. <i>BMJ Global Health</i> , 2020 , 5,	6.6	4
83	What is meant by validity in maternal and newborn health measurement? A conceptual framework for understanding indicator validation 2020 , 15, e0233969		
82	What is meant by validity in maternal and newborn health measurement? A conceptual framework for understanding indicator validation 2020 , 15, e0233969		
81	What is meant by validity in maternal and newborn health measurement? A conceptual framework for understanding indicator validation 2020 , 15, e0233969		
80	What is meant by validity in maternal and newborn health measurement? A conceptual framework for understanding indicator validation 2020 , 15, e0233969		
79	What is meant by validity in maternal and newborn health measurement? A conceptual framework for understanding indicator validation 2020 , 15, e0233969		
78	What is meant by validity in maternal and newborn health measurement? A conceptual framework for understanding indicator validation 2020 , 15, e0233969		
77	Historical Perspectives: Lessons from the BetterBirth Trial: A Practical Roadmap for Complex Intervention Studies. <i>NeoReviews</i> , 2019 , 20, e62-e66	1.1	1
76	Delivery practices and care experience during implementation of an adapted safe childbirth checklist and respectful care program in Chiapas, Mexico. <i>International Journal of Gynecology and Obstetrics</i> , 2019 , 145, 101-109	4	7
75	Effectiveness of community outreach HIV prevention programs in Vietnam: a mixed methods evaluation. <i>BMC Public Health</i> , 2019 , 19, 1130	4.1	8
74	Unpacking the null: a post-hoc analysis of a cluster-randomised controlled trial of the WHO Safe Childbirth Checklist in Uttar Pradesh, India (BetterBirth). <i>The Lancet Global Health</i> , 2019 , 7, e1088-e1096 ^{13.6}		13
73	Coherence in measurement and programming in maternal and newborn health: experience from the BetterBirth trial. <i>Journal of Clinical Epidemiology</i> , 2019 , 113, 83-85	5.7	0
72	Characterising innovations in maternal and newborn health based on a common theory of change: lessons from developing and applying a characterisation framework in Nigeria, Ethiopia and India. <i>BMJ Global Health</i> , 2019 , 4, e001405	6.6	6
71	Availability of Safe Childbirth Supplies in 284 Facilities in Uttar Pradesh, India. <i>Maternal and Child Health Journal</i> , 2019 , 23, 240-249	2.4	3
70	The impact of a multi-level maternal health programme on facility delivery and capacity for emergency obstetric care in Zambia. <i>Global Public Health</i> , 2018 , 13, 1481-1494	3.5	11
69	Integration of the Opportunity-Ability-Motivation behavior change framework into a coaching-based WHO Safe Childbirth Checklist program in India. <i>International Journal of Gynecology and Obstetrics</i> , 2018 , 142, 321-328	4	4
68	Influence of newborn health messages on care-seeking practices and community health behaviors among participants in the Zambia Chlorhexidine Application Trial. <i>PLoS ONE</i> , 2018 , 13, e0198176	3.7	1
67	Outcomes of a Coaching-based WHO Safe Childbirth Checklist Program in India. <i>Obstetric Anesthesia Digest</i> , 2018 , 38, 74-76	0.2	

66	Evaluation of a call center to assess post-discharge maternal and early neonatal outcomes of facility-based childbirth in Uttar Pradesh, India. <i>PLoS ONE</i> , 2018 , 13, e0207987	3.7	2
65	Population-based rates, timing, and causes of maternal deaths, stillbirths, and neonatal deaths in south Asia and sub-Saharan Africa: a multi-country prospective cohort study. <i>The Lancet Global Health</i> , 2018 , 6, e1297-e1308	13.6	99
64	Can community health workers identify omphalitis? A validation study from Southern Province, Zambia. <i>Tropical Medicine and International Health</i> , 2018 , 23, 806-813	2.3	1
63	Effectiveness of a WHO Safe Childbirth Checklist Coaching-based intervention on the availability of Essential Birth Supplies in Uttar Pradesh, India. <i>International Journal for Quality in Health Care</i> , 2018 , 30, 769-777	1.9	6
62	Breast milk and in utero transmission of HIV-1 select for envelope variants with unique molecular signatures. <i>Retrovirology</i> , 2017 , 14, 6	3.6	9
61	Implementation and results of an integrated data quality assurance protocol in a randomized controlled trial in Uttar Pradesh, India. <i>Trials</i> , 2017 , 18, 418	2.8	12
60	Development and validation of a simplified algorithm for neonatal gestational age assessment - protocol for the Alliance for Maternal Newborn Health Improvement (AMANHI) prospective cohort study. <i>Journal of Global Health</i> , 2017 , 7, 021201	4.3	11
59	The BetterBirth Program: Pursuing Effective Adoption and Sustained Use of the WHO Safe Childbirth Checklist Through Coaching-Based Implementation in Uttar Pradesh, India. <i>Global Health, Science and Practice</i> , 2017 , 5, 232-243	2.8	21
58	Outcomes of a Coaching-Based WHO Safe Childbirth Checklist Program in India. <i>New England Journal of Medicine</i> , 2017 , 377, 2313-2324	59.2	136
57	The influence of quality maternity waiting homes on utilization of facilities for delivery in rural Zambia. <i>Reproductive Health</i> , 2017 , 14, 68	3.5	34
56	Improving Adherence to Essential Birth Practices Using the WHO Safe Childbirth Checklist With Peer Coaching: Experience From 60 Public Health Facilities in Uttar Pradesh, India. <i>Global Health, Science and Practice</i> , 2017 , 5, 217-231	2.8	31
55	Implementing the WHO Safe Childbirth Checklist: lessons learnt on a quality improvement initiative to improve mother and newborn care at Gobabis District Hospital, Namibia. <i>BMJ Open Quality</i> , 2017 , 6, e000145	1.9	24
54	Implementing the WHO Safe Childbirth Checklist: lessons from a global collaboration. <i>BMJ Global Health</i> , 2017 , 2, e000241	6.6	23
53	Effectiveness of 4% chlorhexidine umbilical cord care on neonatal mortality in Southern Province, Zambia (ZamCAT): a cluster-randomised controlled trial. <i>The Lancet Global Health</i> , 2016 , 4, e827-e836	13.6	36
52	Effectiveness of the WHO Safe Childbirth Checklist program in reducing severe maternal, fetal, and newborn harm in Uttar Pradesh, India: study protocol for a matched-pair, cluster-randomized controlled trial. <i>Trials</i> , 2016 , 17, 576	2.8	31
51	Neonatal mortality within 24 hours of birth in six low- and lower-middle-income countries. <i>Bulletin of the World Health Organization</i> , 2016 , 94, 752-758B	8.2	30
50	Engagement of the community, traditional leaders, and public health system in the design and implementation of a large community-based, cluster-randomized trial of umbilical cord care in Zambia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015 , 92, 666-72	3.2	14
49	Avoidable maternal and neonatal deaths associated with improving access to caesarean delivery in countries with low caesarean delivery rates: an ecological modelling analysis. <i>Lancet, The</i> , 2015 , 385 Suppl 2, S33	4.0	12

48	Relationship Between Cesarean Delivery Rate and Maternal and Neonatal Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 2263-70	27.4	295
47	The state of routine and emergency obstetric and neonatal care in Southern Province, Zambia. <i>International Journal of Gynecology and Obstetrics</i> , 2015 , 128, 53-7	4	10
46	Demand-side interventions for maternal care: evidence of more use, not better outcomes. <i>BMC Pregnancy and Childbirth</i> , 2015 , 15, 297	3.2	30
45	Learning before leaping: integration of an adaptive study design process prior to initiation of BetterBirth, a large-scale randomized controlled trial in Uttar Pradesh, India. <i>Implementation Science</i> , 2015 , 10, 117	8.4	28
44	Implementation and Operational Research: Integration of PMTCT and Antenatal Services Improves Combination Antiretroviral Therapy Uptake for HIV-Positive Pregnant Women in Southern Zambia: A Prototype for Option B+?. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015 , 70, e123-9	3.1	31
43	Testing the validity and reliability of the shame questionnaire among sexually abused girls in Zambia. <i>PLoS ONE</i> , 2015 , 10, e0123820	3.7	10
42	In-home HIV testing and nevirapine dosing by traditional birth attendants in rural Zambia: a feasibility study. <i>Journal of Midwifery and Women's Health</i> , 2014 , 59, 198-204	2.2	12
41	Can a community health worker and a trained traditional birth attendant work as a team to deliver child health interventions in rural Zambia?. <i>BMC Health Services Research</i> , 2014 , 14, 516	2.9	7
40	Prevention and management of neonatal hypothermia in rural Zambia. <i>PLoS ONE</i> , 2014 , 9, e92006	3.7	19
39	Many people know the law, but also many people violate it: discrimination experienced by people living with HIV/AIDS in Vietnam—results of a national study. <i>Global Public Health</i> , 2013 , 8 Suppl 1, S30-45	3.5	4
38	Dynamics of breast milk HIV-1 RNA with unilateral mastitis or abscess. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013 , 62, 348-55	3.1	4
37	Local perceptions, cultural beliefs and practices that shape umbilical cord care: a qualitative study in Southern Province, Zambia. <i>PLoS ONE</i> , 2013 , 8, e79191	3.7	21
36	Women living with HIV in Vietnam: desire for children, use of sexual and reproductive health services, and advice from providers. <i>Reproductive Health Matters</i> , 2012 , 20, 27-38		11
35	A qualitative study of georgian youth who are on the street or institutionalized. <i>International Journal of Pediatrics (United Kingdom)</i> , 2012 , 2012, 921604	2.1	11
34	Quality and safety of integrated community case management of malaria using rapid diagnostic tests and pneumonia by community health workers. <i>Pathogens and Global Health</i> , 2012 , 106, 32-9	3.1	69
33	HIV/AIDS-Related Knowledge and Behaviors Among Most-at-Risk Populations in Vietnam. <i>Open AIDS Journal</i> , 2012 , 6, 259-65	0.6	17
32	Early infant diagnosis of HIV infection in Zambia through mobile phone texting of blood test results. <i>Bulletin of the World Health Organization</i> , 2012 , 90, 348-56	8.2	87
31	Exclusive breastfeeding, maternal HIV disease, and the risk of clinical breast pathology in HIV-infected, breastfeeding women. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 205, 344.e1-8	6.4	10

30	Validation of the UCLA Child Post traumatic stress disorder-reaction index in Zambia. <i>International Journal of Mental Health Systems</i> , 2011 , 5, 24	3.6	33
29	Analyzing media coverage of the global fund diseases compared with lower funded diseases (childhood pneumonia, diarrhea and measles). <i>PLoS ONE</i> , 2011 , 6, e20438	3.7	12
28	Restriction of HIV-1 genotypes in breast milk does not account for the population transmission genetic bottleneck that occurs following transmission. <i>PLoS ONE</i> , 2010 , 5, e10213	3.7	28
27	Integration of services for victims of child sexual abuse at the university teaching hospital one-stop centre. <i>Journal of Tropical Medicine</i> , 2010 , 2010,	2.4	8
26	Community case management of fever due to malaria and pneumonia in children under five in Zambia: a cluster randomized controlled trial. <i>PLoS Medicine</i> , 2010 , 7, e1000340	11.6	151
25	Elevations in mortality associated with weaning persist into the second year of life among uninfected children born to HIV-infected mothers. <i>Clinical Infectious Diseases</i> , 2010 , 50, 437-44	11.6	77
24	4E10-resistant HIV-1 isolated from four subjects with rare membrane-proximal external region polymorphisms. <i>PLoS ONE</i> , 2010 , 5, e9786	3.7	18
23	Mortality and virologic outcomes after access to antiretroviral therapy among a cohort of HIV-infected women who received single-dose nevirapine in Lusaka, Zambia. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2009 , 52, 132-6	3.1	34
22	High concentrations of interleukin 15 in breast milk are associated with protection against postnatal HIV transmission. <i>Journal of Infectious Diseases</i> , 2009 , 200, 1498-502	7	40
21	Detection of low levels of human immunodeficiency virus (HIV) may be critical for early diagnosis of pediatric HIV infection by use of dried blood spots. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 2989-91	9.7	5
20	Barriers to acceptance and adherence of antiretroviral therapy in urban Zambian women: a qualitative study. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2009 , 21, 78-86	2.2	126
19	P02-07. High concentrations of interleukin-15 and low concentrations of CCL5 in breast milk are associated with protection against postnatal HIV transmission. <i>Retrovirology</i> , 2009 , 6,	3.6	78
18	Differential effects of early weaning for HIV-free survival of children born to HIV-infected mothers by severity of maternal disease. <i>PLoS ONE</i> , 2009 , 4, e6059	3.7	33
17	Temporal and lateral dynamics of HIV shedding and elevated sodium in breast milk among HIV-positive mothers during the first 4 months of breast-feeding. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2008 , 47, 320-8	3.1	22
16	Effects of early, abrupt weaning on HIV-free survival of children in Zambia. <i>New England Journal of Medicine</i> , 2008 , 359, 130-41	59.2	241
15	Reuse of single-dose nevirapine in subsequent pregnancies for the prevention of mother-to-child HIV transmission in Lusaka, Zambia: a cohort study. <i>BMC Infectious Diseases</i> , 2008 , 8, 172	4	7
14	High uptake of exclusive breastfeeding and reduced early post-natal HIV transmission. <i>PLoS ONE</i> , 2007 , 2, e1363	3.7	90
13	Veterinary field test as screening tool for mastitis and HIV-1 viral load in breastmilk from HIV-infected Zambian women. <i>Breastfeeding Medicine</i> , 2007 , 2, 172-5	2.1	4

12	Low and undetectable breast milk interleukin-7 concentrations are associated with reduced risk of postnatal HIV transmission. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2007 , 46, 200-7	3.1	17
11	Post-weaning breast milk HIV-1 viral load, blood prolactin levels and breast milk volume. <i>Aids</i> , 2006 , 20, 1539-47	3.5	33
10	Predictors of nonadherence to single-dose nevirapine therapy for the prevention of mother-to-child HIV transmission. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006 , 41, 114-8	3.1	55
9	Violence and abuse among HIV-infected women and their children in Zambia: a qualitative study. <i>Journal of Nervous and Mental Disease</i> , 2006 , 194, 610-5	1.8	54
8	Impact of chloroquine on viral load in breast milk. <i>Tropical Medicine and International Health</i> , 2006 , 11, 800-3	2.3	8
7	Prolonged breast-feeding and mortality up to two years post-partum among HIV-positive women in Zambia. <i>Aids</i> , 2005 , 19, 1677-81	3.5	32
6	Women in couples antenatal HIV counseling and testing are not more likely to report adverse social events. <i>Aids</i> , 2005 , 19, 603-9	3.5	111
5	Does severity of HIV disease in HIV-infected mothers affect mortality and morbidity among their uninfected infants?. <i>Clinical Infectious Diseases</i> , 2005 , 41, 1654-61	11.6	156
4	Alpha-defensins in the prevention of HIV transmission among breastfed infants. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2005 , 39, 138-42	3.1	38
3	Issues in the design of a clinical trial with a behavioral intervention--the Zambia exclusive breast-feeding study. <i>Contemporary Clinical Trials</i> , 2004 , 25, 353-65		32
2	Quantitation of human immunodeficiency virus type 1 in breast milk. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 2465-70	9.7	36
1	Human immunodeficiency virus-specific CD8(+) T cells in human breast milk. <i>Journal of Virology</i> , 2002 , 76, 7365-73	6.6	53