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RESEARCH

Areas: Pediatrics, Perinatology and Child Health · General Health Professions · Public Health, Environmental and Occupational Health · Epidemiology · Gender Studies · Nutrition and Dietetics

RESEARCH SUMMARY

32	684	13	17	2.15	25%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 32 publications listed below, 2013–2026. Field-weighted impact is the mean over the 32 works scored for it; 1.00 is the world average for works of the same field, type and year. 8 of the 32 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 32

1. Brian Amu Fleischer, Esi Berkoh, Bismark Amoh, Afriyie Badu, **Derek Anamaale Tuoyire**, Jeremy I. Schwartz (2026). Exploring stakeholder support for student-run free clinics to address gaps in non-communicable disease care in Ghana: An exploratory sequential mixed-methods study. *PLOS Global Public Health*. https://doi.org/10.1371/journal.pgph.0005092
2. Anthony Baffour Appiah, Patricia Akweongo, Samuel Oko Sackey, Michael Lowery Wilson, Peter Dambach, **Derek Anamaale Tuoyire**, Samuel Dapaa, John Tengey, Peter Donkor, Charles Mock (2025). Determinants of motorcycle-related head injuries among children and youth: an unmatched case–control study in northern Ghana. *Injury Prevention*. https://doi.org/10.1136/ip-2024-045526
3. **Derek Anamaale Tuoyire**, Anthony Mwinilanaa Tampah-Naah (2024). Association of breastfeeding duration with overweight and obesity among women in Ghana. *Frontiers in Global Women s Health*. https://doi.org/10.3389/fgwh.2024.1251849
4. Nancy Innocentia Ebu Enyan, Sebastian Ken-Amoah, **Derek Anamaale Tuoyire**, Kafui Patrick Akakpo, Elizabeth Agyare, Dorcas Obiri-Yeboah (2024). HIV status and knowledge of cervical cancer among women in Ghana. *BMC Women s Health*. https://doi.org/10.1186/s12905-024-02953-z
5. **Derek Anamaale Tuoyire**, Leonard Baatiema, Duah Dwomoh, Samuel Bosomprah (2024). Healthcare utilization in Ghana: Insights from the 2017 Ghana Living Standard Survey. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0306032
6. Joshua Panyin Craymah, **Derek Anamaale Tuoyire**, Portia Adjei-Ofori, Oluwayemisi Esther Ekor, Paul Aduoku Ninson, Milton Henschel Kojo Armoh Ewusi (2024). Neonatal sepsis in a tertiary health facility in Cape Coast, Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0302533
7. Dorothy Takyiakwaa, **Derek Anamaale Tuoyire**, Susanna Aba Abraham, Elizabeth Ama Agyare, John Oti Amoah, Akosua Agyeiwaa Owusu-Sarpong, Kizito Omona, Dorcas Obiri-Yeboah, David Teye Doku (2023). Culture and pandemic control at cross-roads: navigating the burial guidelines for COVID-19-related deaths in a Ghanaian setting. *BMC Health Services Research*. https://doi.org/10.1186/s12913-023-09421-8
8. Charles Atanga Adongo, **Derek Anamaale Tuoyire**, Muniru Azuug, Anthony Baffour Appiah, Francis Taale, Iddrisu Amadu (2023). Decolonising vaccine production: Unpacking Ghanaians' support for made-in-

Africa vaccines. *Vaccine X*. https://doi.org/10.1016/j.jvacx.2023.100283

9. A. S. Bockarie, Y. A. Nartey, P. Nsiah, E. K. M. Edzie, **D. Tuoyire**, S. Acquah, S. Eliason, B. Nkum (2023). Fatty liver biomarkers and insulin resistance indices in the prediction of non-alcoholic fatty liver disease in Ghanaian patients. *Endocrinology Diabetes & Metabolism*. https://doi.org/10.1002/edm2.456
10. E. Osei-Tutu, **D.A. Tuoyire**, S. Debrah, H. Ayetey (2022). Peripheral Intravenous Cannulation and Phlebitis Risk at Cape Coast Teaching Hospital. *Postgraduate Medical Journal of Ghana*. https://doi.org/10.60014/pmjg.v4i1.79
11. **Derek Anamaale Tuoyire**, Joshua Amo-Adjei (2022). Preceding birth interval, timing and number of antenatal contacts in Africa, 2010–2020. *International Health*. https://doi.org/10.1093/inthealth/ihac067
12. Martin Tangnaa Morna, **Derek Anamaale Tuoyire**, Bashiru Babatunde Jimah, Sebastian Eliason, Anthony Baffour Appiah, Ganiyu Adebisi Rahman (2022). Prevalence and characterization of asymptomatic thyroid nodules in Assin North District, Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0263365
13. Esther Sarpong, Desmond Omane Acheampong, George Nkansah Rost Fordjour, Akwasi Anyanful, Enoch Aninagyei, **Derek A. Tuoyire**, Dee Blackhurst, George Boateng Kyei, Martins Ekor, Nicholas Ekow Thomford (2022). Zero malaria: a mirage or reality for populations of sub-Saharan Africa in health transition. *Malaria Journal*. https://doi.org/10.1186/s12936-022-04340-1
14. Fejiro O. Okifo, **Derek A. Tuoyire**, Anthony B. Appiah, Samue Y. Debrah, Martin T. Morna, Rosemary B. Duda (2021). Breast cancer treatment and outcomes at Cape Coast Teaching Hospital, Ghana. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v55i3.3
15. Martin Tangnaa Morna, **Derek Anamade Tuoyire**, Bashiru Babatunde Jimah, Ganiyu Adebisi Rahman, Sebastian Eliason, Anthony Baffour Appiah (2020). A community-based ultrasound determination of normal thyroid volumes in the adult population, Assin North District, Ghana. *Pan African Medical Journal*. https://doi.org/10.11604/pamj.2020.37.251.20778
16. **Derek Anamaale Tuoyire** (2020). Overweight/obesity among 15- to 24-year-old women in Ghana: 21-year trend, future projections and socio-demographic correlates. *Journal of Biosocial Science*. https://doi.org/10.1017/s0021932020000565
17. **Derek Anamaale Tuoyire**, Harold Ayetey (2018). GENDER DIFFERENCES IN THE ASSOCIATION BETWEEN MARITAL STATUS AND HYPERTENSION IN GHANA. *Journal of Biosocial Science*. https://doi.org/10.1017/s0021932018000147
18. **Derek A. Tuoyire**, Sarah McNair, Samuel A. Debrah, Rosemary B. Duda (2018). Perception of risk for hypertension and overweight/obesity in Cape Coast, Ghana. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v52i3.6
19. Sebastian Eliason, Frank Baiden, **Derek Anamaale Tuoyire**, Kofi Awusabo-Asare (2018). Sex composition of living children in a matrilineal inheritance system and its association with pregnancy intendedness and postpartum family planning intentions in rural Ghana. *Reproductive Health*. https://doi.org/10.1186/s12978-018-0616-2
20. **Derek Anamaale Tuoyire** (2018). Television exposure and overweight/obesity among women in Ghana. *BMC Obesity*. https://doi.org/10.1186/s40608-018-0186-4
21. Joseph A. Adu, Eugene K. M. Darteh, **Derek A. Tuoyire**, Sebastian Eliason (2018). The female partners' perspective on vasectomy in the central region of Ghana. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v52i4.3
22. Joshua Panyin Craymah, Robert Kwame Oppong, **Derek Anamaale Tuoyire** (2017). Male Involvement in Maternal Health Care at Anomabo, Central Region, Ghana. *International Journal of Reproductive Medicine*. https://doi.org/10.1155/2017/2929013
23. **Derek Anamaale Tuoyire**, Akwasi Kumi-Kyereme, David Teye Doku, Joshua Amo-Adjei (2017). Perceived ideal body size of Ghanaian women: "Not too skinny, but not too fat". *Women & Health*. https://doi.org/10.1080/03630242.2017.1321607
24. Yaw Asante Awuku, David Larbi Simpong, Ishmael Kunateh Alhassan, **Derek Anamaale Tuoyire**, Taiba Afaa, Patrick Adu (2017). Prevalence of helicobacter pylori infection among children living in a rural setting in Sub-Saharan Africa. *BMC Public Health*. https://doi.org/10.1186/s12889-017-4274-z

25. Joshua Amo-Adjei, **Derek Anamaale Tuoyire** (2017). TIMING OF SEXUAL DEBUT AMONG UNMARRIED YOUTHS AGED 15–24 YEARS IN SUB-SAHARAN AFRICA. *Journal of Biosocial Science*. https://doi.org/10.1017/s0021932017000098

26. **Derek Anamaale Tuoyire**, Prince Justin Anku, Laila Alidu, Joshua Amo-Adjei (2017). Timing of First Sexual Intercourse and Number of Lifetime Sexual Partners in Sub-Saharan Africa. *Sexuality & Culture*. https://doi.org/10.1007/s12119-017-9488-9

27. Vincent Adjetey, **Derek A Tuoyire**, Adjoa B. Bonsu (2016). A review of Intra-uterine foetal deaths at the Cape Coast Teaching Hospital. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v50i4.5

28. Joshua Amo-Adjei, **Derek Anamaale Tuoyire** (2016). Effects of planned, mistimed and unwanted pregnancies on the use of prenatal health services in sub-Saharan Africa: a multicountry analysis of Demographic and Health Survey data. *Tropical Medicine & International Health*. https://doi.org/10.1111/tmi.12788

29. **Derek Anamaale Tuoyire**, Akwasi Kumi-Kyereme, David Teye Doku (2016). Socio-demographic trends in overweight and obesity among parous and nulliparous women in Ghana. *BMC Obesity*. https://doi.org/10.1186/s40608-016-0124-2

30. Joshua Amo-Adjei, **Derek Anamaale Tuoyire** (2015). Do ethnicity and polygyny contribute to justification of men beating women in Ghana? *Women & Health*. https://doi.org/10.1080/03630242.2015.1074638

31. Joshua Amo-Adjei, Akwasi Kumi-Kyereme, **Derek Anamaale Tuoyire** (2014). Transactional sex among female university students in Ghana: Implications for HIV education. *Health Education*. https://doi.org/10.1108/he-02-2014-0013

32. AKWASI KUMI-KYEREME, **DEREK A. TUOYIRE**, EUGENE K. M. DARTEH (2013). DETERMINANTS OF UNPROTECTED CASUAL HETEROSEXUAL SEX IN GHANA. *Journal of Biosocial Science*. https://doi.org/10.1017/s002193201300045x