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RESEARCH

Areas: Epidemiology · Pediatrics, Perinatology and Child Health · Endocrinology, Diabetes and Metabolism · General Health Professions · Public Health, Environmental and Occupational Health · Emergency Medicine

RESEARCH SUMMARY

27	632	11	14	1.71	22%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 27 publications listed below, 2013–2025. Field-weighted impact is the mean over the 27 works scored for it; 1.00 is the world average for works of the same field, type and year. 6 of the 27 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 27

1. Madison Adanusa, George Adjei, **Sebastian Eliason**, Samuel Amoah, Benson Cecil, Ignatius Sirikyi, Faustina Pappoe, Anasthasia Ofori, Frederick Adjei, Bernice Appau, Benjamin Nyane, Arthur Rudolf, Hagan Oheneba (2025). Sero-prevalence of Hepatitis B and C at a Primary Health Care Facility in Ghana. *African Health Sciences*. https://doi.org/10.4314/ahs.v24i4.5
2. Christian Sewor, **Sebastian Eliason**, Jouni J.K. Jaakkola, A. Kofi Amegah (2024). Dietary Polycyclic Aromatic Hydrocarbon (PAH) Consumption and Risk of Adverse Birth Outcomes: A Systematic Review and Meta-Analysis. *Environmental Health Perspectives*. https://doi.org/10.1289/ehp12922
3. Christian Sewor, Akua A. Obeng, **Sebastian Eliason**, Evans K. Agbeno, A. Kofi Amegah (2024). Fruits and vegetables intake improves birth outcomes of women with gestational diabetes mellitus and hypertensive disorders of pregnancy. *BMC Nutrition*. https://doi.org/10.1186/s40795-023-00814-w
4. Loretta Betty Blay Mensah, Sebastian Ken-Amoah, Mainprice Akuoko Essuman, Betty Anane-Fenin, Evans Kofi Agbeno, **Sebastian Eliason**, Samuel Essien-Baidoo (2023). Cervical Microbiota Influences Cytokine Diversity in Cervical Intraepithelial Neoplasia among Rural Women in the Akyemansa District of Ghana. *BioMed Research International*. https://doi.org/10.1155/2023/5129709
5. 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
6. Ernestina Asiedua, Ernest Maya, John Kuumuori Ganle, **Sebastian Eliason**, Adelaide Maria Ansah-Ofei, Ephraim Kumi Senkyire, Richard Adanu (2023). Health-seeking experiences of women with obstetric fistula: a qualitative study at two fistula centres in Ghana. *BMJ Open*. https://doi.org/10.1136/bmjopen-2022-064830
7. Nicholas Ekow Thomford, Fiifi Ndom Dampson, George Adjei, **Sebastian Eliason**, Martins Ekor, George Boateng Kyei (2023). Psychometric assessment of HIV stigma in patients attending a tertiary facility: An initial validation of the Berger HIV stigma scale in a Ghanaian perspective. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0282193
8. Sebastian Ken-Amoah, Loretta Betty Blay Mensah, **Sebastian Eliason**, Betty Anane-Fenin, Evans Kofi Agbeno, Mainprice Akuoko Essuman, Samuel Essien-Baidoo (2022). Poor knowledge and awareness of

human papillomavirus and cervical cancer among adult females in rural Ghana. *Frontiers in Tropical Diseases*. https://doi.org/10.3389/fitd.2022.971266

9. Amaris T.D. Baah, George Adjei, **Sebastian Eliason** (2022). Predictors of anti-glycaemic medication-taking among adults with diabetes mellitus seeking care in a tertiary hospital in Cape Coast, Ghana. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v56i3.10
10. 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
11. Kwamena Sekyi Dickson, Abdul-Aziz Seidu, **Sebastian Eliason**, Florie Darteh, Eugene Kofuor Maafo Darteh (2021). Intimate Partner Violence Approval in South Africa: Evidence from the 2016 Demographic and Health Survey. *Global Social Welfare*. https://doi.org/10.1007/s40609-021-00214-7
12. Adeladza K. Amegah, Christian Sewor, Akua A. Obeng, Eric S. Coker, **Sebastian Eliason** (2021). Vitamin D intake modifies the association of household air pollution exposure with maternal disorders of pregnancy. *Indoor Air*. https://doi.org/10.1111/ina.12963
13. 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
14. Felix Yirdong, **Sebastian Eliason**, Frank N. Ghartey, Evans Ekenam, Kingsley K. A. Pereko, Emmanuel Okai, Felix Yiridong, Oheneba C. K. Hagan, Paul Nsiah (2020). Anthropometric indices and cardiometabolic risk factors in a Ghanaian adolescent population. *Journal of Pediatric Endocrinology and Metabolism*. https://doi.org/10.1515/jpem-2020-0273
15. Nsoh Godwin Anabire, William Jackson Tetteh, Dorcas Obiri-Yaboah, Isaac Annan, Arnold Togiwe Luuse, Paul Armah Aryee, Gideon Kofi Helegbe, Oheneba Charles Kofi Hagan, **Sabastian Eliason** (2019). Evaluation of hepatic and kidney dysfunction among newly diagnosed HIV patients with viral hepatitis infection in Cape Coast, Ghana. *BMC Research Notes*. https://doi.org/10.1186/s13104-019-4513-8
16. Oheneba C.K. Hagan, Paul Nsiah, Dorcas Obiri-Yeboah, Felix Yirdong, Isaac Annan, **Sebastian Eliason**, Samuel V. Nuvor (2018). Impact of universal childhood vaccination against hepatitis B in Ghana: A pilot study. *Journal of Public Health in Africa*. https://doi.org/10.4081/jphia.2018.721
17. **Sebastian Kofi Eliason**, Ansumana Sandy Bockarie, Cecilia Eliason (2018). Postpartum fertility behaviours and contraceptive use among women in rural Ghana. *Contraception and Reproductive Medicine*. https://doi.org/10.1186/s40834-018-0066-9
18. **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
19. 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
20. Patrick K. Akakpo, Yaw A. Awuku, Leonard Derkyi-Kwarteng, Kelvin A. Gyamera, **Sebastian Eliason** (2017). Review of errors in the issue of medical certificates of cause of death in a tertiary hospital in Ghana. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v51i1.6
21. F.N. Ghartey, D.J. Watmough, A. Anyanful, S. Debrah, M. Morna, **S. Eliason**, M. Adamu, L. Derkyi-Kwarteng (2016). A novel way to visualise tumour related angiogenesis and detect breast tumours in women: A combined clinical and optical method for breast cancer screening of well-women in Ghana. *Annals of Oncology*. https://doi.org/10.1093/annonc/mdw385.11
22. Frank Naku Ghartey Jnr, Akwasi Anyanful, **Sebastian Eliason**, Saanid Mohammed Adamu, Samuel Debrah (2016). Pattern of Breast Cancer Distribution in Ghana: A Survey to Enhance Early Detection, Diagnosis, and Treatment. *International Journal of Breast Cancer*. https://doi.org/10.1155/2016/3645308
23. **Sebastian Eliason**, John K Awoonor-Williams, Cecilia Eliason, Jacob Novignon, Justice Nonvignon, Moses

Aikins (2014). Determinants of modern family planning use among women of reproductive age in the Nkwanta district of Ghana: a case–control study. *Reproductive Health*. https://doi.org/10.1186/1742-4755-11-65

24. **Sebastian Eliason**, Frank Baiden, Barbara A Yankey, Kofi Awusabo–Asare (2014). Determinants of unintended pregnancies in rural Ghana. *BMC Pregnancy and Childbirth*. https://doi.org/10.1186/1471-2393-14-261

25. **S Eliason**, DA Tuoyire, C Awusi-Nti, AS Bockarie (2014). Migration Intentions of Ghanaian Medical Students: The Influence of existing Funding Mechanisms of Medical Education("The Fee Factor"). *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v48i2.4

26. Ato A. Brown, Kingsley K. Asare Pereko, **Sebastian Eliason** (2013). Drug use in Ghana: knowledge, perceptions, and attitudes in a small group of elite student sportspersons. *Biomedical Human Kinetics*. https://doi.org/10.2478/bhk-2013-0001

27. **Sebastian Eliason**, Frank Baiden, Gloria Quansah-Asare, Yvonne Graham-Hayfron, Derek Bonsu, James Phillips, Kofi Awusabo-Asare (2013). Factors influencing the intention of women in rural Ghana to adopt postpartum family planning. *Reproductive Health*. https://doi.org/10.1186/1742-4755-10-34