Frank Naku Ghartey

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RESEARCH

Areas: Oncology · Public Health, Environmental and Occupational Health · Artificial Intelligence · Endocrinology, Diabetes and Metabolism · Health Information Management · Pathology and Forensic Medicine

RESEARCH SUMMARY

11	200	5	5	1.23	27%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 11 publications listed below, 2016–2025. Field-weighted impact is the mean over the 11 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 11 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2013–present
Chemical Pathology, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 11

1. Christian Obirikorang, Evans Asamoah Adu, Anthony Afum-Adjei Awuah, Samuel Nkansah Darko, **Frank Naku Ghartey**, Samuel Ametepe, Eric N. Y. Nyarko, Enoch Odame Anto, William Kwame Boakye Ansah Owiredu (2025). Differential risk of cardiovascular complications in patients with type-2 diabetes mellitus in Ghana: A hospital-based cross-sectional study. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0302912
2. Andrew Oklu, Edmund Addison, Rachel Araba Quaicoe, Addison Bouyena, **Frank Naku Ghartey**, Richard Armah, Nelson Ekow Kumah, Gabriel Pezahso Kotam, George Nkrumah Osei, Richard K. D. Ephraim (2025). Exploring the Sociodemographic, Clinical, and Lifestyle Determinants of Hypertension Among Sedentary Workers: A Cross-Sectional Study in the Cape Coast Metropolis. *BioMed Research International*. https://doi.org/10.1155/bmri/8818300
3. Leonard Derkyi-Kwarteng, **Frank Naku Ghartey**, Eric Aidoo, Ernest Addae, Emmanuel Gustav Imbeah, Ato Ampomah Brown, Samuel Acquah (2024). A retrospective analysis suggests PTEN expression is associated with favorable clinicopathological features of breast cancer. *Scientific Reports*. https://doi.org/10.1038/s41598-024-69252-3
4. Richard Kobina Dadzie Ephraim, Gabriel Pezahso Kotam, Evans Duah, **Frank Naku Ghartey**, Evans Mantiri Mathebula, Tivani Phosa Mashamba-Thompson (2024). Application of medical artificial intelligence technology in sub-Saharan Africa: Prospects for medical laboratories. *Smart Health*. https://doi.org/10.1016/j.smhl.2024.100505
5. Edzie, Emmanuel Kobina Mesi, Klenam Dzefi-Tettey, Gorleku, Philip Narteh, **Ghartey, Frank Naku**, Adanusa, Madison, Quarshie, Frank, Osei, Bernard, Kusodzi, Henry, Asemah, Abdul Raman (2021). Advancing Age in Africa, the Urgent Need for Institutional Geriatric Care in a Low Resource Setting: A Case Report. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.5771584
6. Emmanuel Kobina Mesi Edzie, Klenam Dzefi-Tettey, Edmund Kwakye Brakohiapa, Philip Narteh Gorleku,

Frank Naku Ghartey, Adu Tutu Amankwa, Peter Appiah-Thompson, Michael Kofi Amedi, Ewurama Andam Idun, Madison Adanusa, Obed Cudjoe, Evans Boadi, Joshua Mensah Kpobi, Frank Quarshie, Richard Ato Edzie, Abdul Raman Asemah (2021). Assessment of venous Doppler ultrasound findings of acute unilateral lower limb swelling in a tertiary facility in central Ghana: a retrospective analytical study. *The Egyptian Journal of Radiology and Nuclear Medicine*. https://doi.org/10.1186/s43055-021-00673-0

7. 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
8. **Frank Naku Ghartey**, David Watmough, Samuel Debrah, Martin Morna, Akwasi Anyanful (2018). Breast-i Is an Effective and Reliable Adjunct Screening Tool for Detecting Early Tumour Related Angiogenesis of Breast Cancers in Low Resource Sub-Saharan Countries. *International Journal of Breast Cancer*. https://doi.org/10.1155/2018/2539056
9. Robert Amadu Ngala, Linda Ahenkorah Fondjo, Peter Gmagna, **Frank Naku Ghartey**, Martin Akilla Awe (2017). Placental peptides metabolism and maternal factors as predictors of risk of gestational diabetes in pregnant women. A case-control study. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0181613
10. **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
11. **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