Dr Harold Ayetey

Senior Lecturer · Internal Medicine
University of Cape Coast

ORCID 0000-0003-3710-309X · Google Scholar scholar.google.com/citations?user=PjXZrAsAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/a1d4984e-cc1e-4b83-bb52-69fd679454bb

RESEARCH

Interests	Internal Medicine · Cardiovascular Medicine · Molecular Medicine · Advanced Cardiac Imaging
Areas	Cardiology and Cardiovascular Medicine · Endocrinology, Diabetes and Metabolism · Public Health, Environmental and Occupational Health · Biomedical Engineering · Critical Care and Intensive Care Medicine · Emergency Medical Services

RESEARCH SUMMARY

31	978	14	16	1.60	36%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 31 publications listed below, 2002–2024. 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. 4 of the 11 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 24

1. Francis Agyekum, Florence Koryo Akumiah, Samuel Blay Nguah, Lambert Tetteh Appiah, Khushali Ganatra, Yaw Adu-Boakye, Aba Ankomaba Folson, **Harold Ayetey**, Isaac Kofi Owusu (2024). Atherosclerotic cardiovascular disease risk among Ghanaians: A comparison of the risk assessment tools. *American Journal of Preventive Cardiology*. https://doi.org/10.1016/j.ajpc.2024.100670
2. Francis Agyekum, Aba Ankomaba Folson, Benjamin Abaidoo, Lambert Tetteh Appiah, Yaw Adu-Boakye, **Harold Ayetey**, Isaac Kofi Owusu (2024). Behavioural and nutritional risk factors for cardiovascular diseases among the Ghanaian population- a cross-sectional study. *BMC Public Health*. https://doi.org/10.1186/s12889-024-17709-5
3. Dzifa Ahadzi, Abdul-Subulr Yakubu, Alfred Doku, Francis Agyekum, Cyril Ofori, **Harold Ayetey** (2024). Delayed diagnosis of cardiac amyloidosis in a West African octogenarian. *Cardiovascular journal of South Africa/Cardiovascular journal of Southern Africa*. https://doi.org/10.5830/cvja-2024-001
4. Dzifa Ahadzi, Francis Agyekum, Alfred Doku, Abdul-Subulr Yakubu, Gwendolyn Hoedofia, **Harold Ayetey** (2023). Electrical storm in a middle-aged man. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v57i2.11
5. 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
6. Jane Sandra Afriyie-Mensah, Felix Razak Awindaogo, Emmanuella Naa Deeidei Tagoe, **Harold Ayetey** (2021). Cardiac sarcoidosis: Two case reports. *Clinical Case Reports*. https://doi.org/10.1002/ccr3.4270
7. **Harold Ayetey** (2021). Impact of COVID-19 on cardiovascular testing in the United States versus the rest of the world. *Cardiovascular Imaging*. https://doi.org/10.1016/j.jcmg.2021.03.007
8. **Harold Ayetey** (2021). Impact of COVID-19 on the imaging diagnosis of cardiac disease in Europe. *Open heart*. https://openheart.bmj.com/content/8/2/e001681
9. **Harold Ayetey** (2021). Impact of COVID-19 pandemic on cardiovascular testing in Asia: the IAEA INCAPS-COVID study. *JACC: Asia*. https://doi.org/10.1016/j.jacasi.2021.06.002

10. Jie Li, Isaac Kofi Owusu, Qingshan Geng, Aba Ankomaba Folson, Zhichao Zheng, Yaw Adu-Boakye, Xinran Dong, Wen-Chih Wu, Francis Agyekum, Hongwen Fei, **Harold Ayetey**, Mulan Deng, Fred Adomako-Boateng, Zuxun Jiang, Braimah Baba Abubakari, Zhao Xian, Forster Nketiah Fokuoh, Lambert Tetteh Appiah, Simin Liu, Chunying Lin (2020). Cardiometabolic Risk Factors and Preclinical Target Organ Damage Among Adults in Ghana: Findings From a National Study. *Journal of the American Heart Association*. https://doi.org/10.1161/jaha.120.017492

11. Francis Agyekum, IK Owusu, **Ayetey** (2020). Cardiometabolic risk factors and preclinical target organ damage amongst adults in Ghana: Findings from a National Study. *MedRxiv*.

12. Benjamin Dabo Sarkodie, Yaw Boateng Mensah, **Harold Ayetey**, Klenam Dzefi-Tettey, Edmund Brakohiapa, Andrew Kaminta, Ewurama Idun (2020). Chest Computed Tomography findings in patients with corona virus disease 2019 (COVID-19): An initial experience in three centres in Ghana, West Africa. *Journal of medical imaging and radiation sciences*. https://doi.org/10.1016/j.jmir.2020.09.005

13. **Harold Ayetey** (2019). Engineering genetic predisposition in human neuroepithelial stem cells recapitulates medulloblastoma tumorigenesis. *Cell stem cell*. https://www.cell.com/cell-stem-cell/fulltext/S1934-5909(19)30217-6

14. David Kwame Dosoo, Solomon Nyame, Yeetey Enuameh, **Harold Ayetey**, Harry Danwonno, Mieks Twumasi, Cephas Tabiri, Stephaney Gyaase, Gregory Y. H. Lip, Seth Owusu-Agyei, Kwaku Poku Asante (2019). Prevalence of Hypertension in the Middle Belt of Ghana: A Community-Based Screening Study. *International Journal of Hypertension*. https://doi.org/10.1155/2019/1089578

15. **H Ayetey** (2018). 113 Mean blood pressures and visit to visit blood pressure variation as predictors of clinical outcomes in malignant hypertension: the west Birmingham malignant hypertension …. *European Heart Journal*. https://academic.oup.com/eurheartj/article-abstract/39/suppl_1/ehy564.113/5084003

16. **Harold Ayetey** (2018). Atrial fibrillation in the Middle East: unmapped, underdiagnosed, undertreated. *Expert review of cardiovascular therapy*. https://doi.org/10.1080/14779072.2018.1457953

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. **Harold Ayetey** (2018). Interplay of cell–cell contacts and RhoA/MRTF-A signaling regulates cardiomyocyte identity. *The EMBO journal*. https://doi.org/10.15252/embj.201798133

19. **H Ayetey** (2018). Mean blood pressures and visit to visit blood pressure variation as predictors of clinical outcomes in malignant hypertension: the west Birmingham malignant hypertension project. *European Heart Journal*. https://www.researchgate.net/profile/Harold-Ayetey/publication/327110304_Mean_blood_pressures_and_visit_to_visit_blood_pressure_variation_as_predictors_of_clinical_outcomes_in_malignant_hypertension_the_west_Birmingham_malignant_hypertension_project/links/5b7a1e2a4585151fd12195e6/Mean-blood-pressures-and-visit-to-visit-blood-pressure-variation-as-predictors-of-clinical-outcomes-in-malignant-hypertension-the-west-Birmingham-malignant-hypertension-project.pdf

20. S Debrah, **H Ayetey** (2015). Peripheral intravenous cannulation and phlebitis risk at Cape Coast teaching hospital. *Postgraduate Medical Journal of Ghana*.

21. **H Ayetey** (2012). A case report on duplicate anterior communicating artery in Ghana. *Novel Sci Int J Med Sci*. https://scholar.google.com/scholar?cluster=13900163071743181 97&hl=en&oi=scholarr

22. **Harold Ayetey** (2010). Embryonic germ cells from mice and rats exhibit properties consistent with a generic pluripotent ground state. *Development*. https://journals.biologists.com/dev/article-abstract/137/14/2279/43884

23. **Harold Ayetey** (2009). QUALITY OF SPIROMETRY DATA FROM PRIMARY CARE. *Chest*. https://journal.chestnet.org/article/S0012-3692(16)47966-3/abstract

24. **Harold Ayetey** (2002). Immunopathogenesis of acute transverse myelitis. *Current opinion in neurology*. https://www.ovid.com/jnls/co-neurology/abstract/00019052-200206000-00019~immunopathogenesis-of-acute-transverse-myelitis

Book chapters 2

1. Julia Selman Ayetey, **Harold Ayetey** (2019). Health from Above: Space-Based Healthcare Services in Africa. *Southern space studies*. https://doi.org/10.1007/978-3-030-32930-3_10
2. **Harold Ayetey** (2011). Therapeutic possibilities of induced pluripotent stem cells. *Translational stem cell research: Issues beyond the debate on the moral status of the human embryo*. https://doi.org/10.1007/978-1-60761-959-8

Conference papers 2

1. **H Ayetey** (2014). Spontaneous switching from cardiomyocyte to adipocyte cell fate in arrhythmogenic right ventricular cardiomyopathy. *EUROPEAN HEART JOURNAL*. https://scholar.google.com/scholar?cluster=9091637871620015305&hl=en&oi=scholarr
2. **Harold Ayetey** (2011). In-vitro modelling of Arrhythmogenic Right Ventricular Cardiomyopathy. *International Society for Stem Cell Research*.

Reports 2

1. **Harold Ayetey** (2020). Space Supporting Latin America: Latin America's Emerging Space Middle Powers. *Springer Nature*. https://books.google.com/books?hl=en&lr=&id=wqrdDwAAQBAJ&oi=fnd&pg=PR5&dq=info:J_FZ4T69WYUJ:scholar.google.com&ots=mmwwLVVGu6&sig=DlTjzi8K990lhjZ2Xuf-d4dmU7I
2. **Harold Ayetey** (2010). Translational stem cell research: issues beyond the debate on the moral status of the human embryo. *Springer Science & Business Media*. https://books.google.com/books?hl=en&lr=&id=955hap0emMUC&oi=fnd&pg=PR3&dq=info:o5m0pJcoy2AJ:scholar.google.com&ots=m-9Av6PygJ&sig=E41oQSV6wQskcpLIE0CzRZzozTg

Theses 1

1. **Harold Ayetey** (2012). In-vitro disease modelling of arrhythmogenic right ventricular cardiomyopathy using a transgene-free patient-specific induced pluripotent stem cell system. *University of Cambridge*. https://scholar.google.com/scholar?cluster=9773796658138803626&hl=en&oi=scholarr