

Dr Harold Ayetey

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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	977	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

- 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>
- 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>
- 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>
- 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>
- 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/pmjpg.v4i1.79>
- 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>
- 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>
- 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>
- 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 Folsom, 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. Lambert Appiah, 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](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-powers-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=1390016307174318197&hl=en&oi=scholar>
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](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=scholar>
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=DITjzi8K990lhjZ2Xuf-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=scholar>