Ebenezer Ankomah Gyamera

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PROFILE

Dr. Ebenezer Antwi Gyamera completed his doctoral research on induced resistance to aphids and viruses at the University of Cambridge, UK. He currently works as a Plant Virologist at the Cocoa Research Institute of Ghana

RESEARCH

Interests	Land Use · Land Administration · legal cadastre · hydrology · Virus · Plant Pathology · Plant Virus · Cacao swollen shoot virus
Areas	Plant Science · Horticulture · Agronomy and Crop Science · Economics and Econometrics · Endocrinology · Infectious Diseases

RESEARCH SUMMARY

17	105	6	3	1.23	22%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 17 publications listed below, 2010–2026. Field-weighted impact is the mean over the 9 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 9 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Cocoa Research Institute of Ghana
Tafo, Ghana

EDUCATION AND QUALIFICATIONS

Doctor of Philosophy (Plant Sciences) 2015–2019
Plant Sciences, University of Cambridge, Cambridge, United Kingdom

Master of Philosophy (Nuclear Agriculture) 2011–2013
Graduate School of Nuclear and Allied Sciences, University of Ghana, Accra, Ghana

Bachelor of Science (Agriculture) 2006–2010
School of Agriculture, University of Cape Coast, Cape Coast, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

British Society for Plant Pathology 2023–present
London, United Kingdom

American Phytopathological Society 2023–present
Saint Paul, United States

Scientist 2021–present
Ghana Science Association, Koforidua, Ghana

PUBLICATIONS

Journal articles 15

1. Frank Idan, A Osman, Samuel Obeng Apori, C Antwi, **Ebenezer Gyamera** (2026). Assessing the Awareness, Willingness and Barriers to Pasture Cultivation Among Urban and Peri-Urban Cattle Farmers in Selected Communities of the Ashanti Region of Ghana. *Ghana Journal of Science, Technology and Development*. https://gjstd.org/index.php/GJSTD/article/view/513
2. ELK Osafo, A OSMAN, Samuel Obeng Apori, C Antwi, F Idan, **Ebenezer Gyamera** (2026). Effects of concentrate supplement on feed intake, growth performance, blood parameters, and economics of production of N'dama calves fed Napier grass basal diet. *Animal Research International*. https://doi.org/10.5555/20260229497
3. **Ebenezer Ankomah Gyamera** (2026). Land conflicts in Ghana, causes, effects and resolution: Land conflicts in Ghana. *African Journal on Land Policy and Geospatial Sciences*. https://scholar.google.com/scholar?cluster=11520968527903846400&hl=en&oi=scholarr
4. JW Tachie-Menson, EO Adu, GST Lartey, **E Gyamera**, SE Akorli, E Arko, V Kanyelvilaa, S Akaba (2025). Effects of Maize Substitution with Cassava Flour in Broiler Diets on Carcass Quality and Meat Characteristics of Broiler Chicken. *African Journal of Food Agriculture Nutrition and Development*. https://doi.org/10.18697/ajfand.144.25095
5. A.A. Yunus, E.L.K. Osafo, A. Osman, S.O. Apori, V. Attoh-Kotoku, C. Antwi, F. Idan, **E. Gyamera** (2024). Effects of concentrate supplement on dry matter and water intake, nutrient digestibility and nitrogen balance of N'dama bull calves fed Napier grass basal diet. *Ghanaian Journal of Animal Science.*. https://doi.org/10.4314/gjansci.v14i1.5
6. George A. Ameyaw, Koffié Kouakou, Mohammed Javed Iqbal, Luc Belé, Valentin L. F. Wolf, Cory V. Keith, Bolou A. Bolou Bi, Christophe Kouamé, Donald Livingstone, Owusu Domfeh, **Ebenezer A. Gyamera**, Jean-Philippe Marelli, Judith K. Brown (2024). Molecular Surveillance, Prevalence, and Distribution of Cacao Infecting Badnavirus Species in Côte d'Ivoire and Ghana. *Viruses*. https://doi.org/10.3390/v16050735
7. O. Domfeh, G. A. Ameyaw, G. K. Awudzi, A. Arthur, A. Ofori, E. Anokye, **E. A. Gyamera**, F. K. Padi (2023). Disease reaction of cacao progenies following inoculation with the cacao swollen shoot Togo B virus (CSSTBV) under field conditions. *Tropical Plant Pathology*. https://doi.org/10.1007/s40858-023-00615-3
8. George A. Ameyaw, Owusu Domfeh, **Ebenezer Gyamera** (2023). Epidemiology and Diagnostics of Cacao Swollen Shoot Disease in Ghana: Past Research Achievements and Knowledge Gaps to Guide Future Research. *Viruses*. https://doi.org/10.3390/v16010043
9. **Ebenezer Antwi Gyamera**, Owusu Domfeh, George Akumfi Ameyaw (2022). Cacao Swollen Shoot Viruses in Ghana. *Plant Disease*. https://doi.org/10.1094/pdis-10-22-2412-fe
10. O. Domfeh, G. A. Ameyaw, **E. A. Gyamera** (2022). Mild strain cross-protection in cacao: evaluation of symptom suppression in three progenies exposed to natural spread of the New Juabeng strain of the Cacao swollen shoot Togo B virus (CSSTBV). *Tropical Plant Pathology*. https://doi.org/10.1007/s40858-022-00509-w
11. **EA Gyamera**, A Arko-Adjei (2018). Land acquisition in Ghana; Dealing with the challenges and the way forward. *Journal of Agricultural Economics, Extension and Rural Development*. https://scholar.google.com/scholar?cluster=3094371593135710824&hl=en&oi=scholarr
12. **E.A. Gyamera**, H.M. Amoatey, G.K. Owusu (2015). Spatial and Temporal Spread Patterns of Viral Diseases on a Zucchini Squash Field in the Coastal Savannah Zone of Ghana. *Plant Pathology Journal*. https://doi.org/10.3923/ppj.2015.58.64
13. **EA Gyamera** (2014). Hydrogeological studies on soils developed over granitic deposits. *International Journal of Advance Agricultural Research*. https://www.researchgate.net/profile/Ebenezer-Gyamera/publication/316666842_Hydrogeological_studies_on_soils_developed_over_granitic_deposits/links/590af8fbaca272f6580cdf6d/Hydrogeological-studies-on-soils-developed-over-granitic-deposits.pdf
14. **EA Gyamera** (2014). Hydrological studies of the university of Cape Coast school of agriculture research

station at Twifo Wamaso. *Glob Res J Geogr*. https://www.researchgate.net/profile/Ebenezer-Gyamera/publication/316667184_Hydrological_studies_of_the_university_of_Cape_Coast_school_of_agriculture_research_station_at_Twifo_Wamaso/links/590b00aa458515ebb4a7d6f1/Hydrological-studies-of-the-university-of-Cape-Coast-school-of-agriculture-research-station-at-Twifo-Wamaso.pdf

15. **Ebenezer Gyamera** (2010). Palm Kernel Oil Residue (PKOR) as Livestock Feed in Ghana: A Case Study of Four (4) Districts in the Central Region. *Science*. https://ir.ucc.edu.gh/server/api/core/bitstreams/650a9e82-cdd7-4ca9-a577-64c1f5f16bbd/content

Book chapters 1

1. Khaled A. El-Dougdoug, Kadriye Çağlayan, Amine Elleuch, Hani Z. Al-Tuwariqi, **Ebenezer A. Gyamera**, Ahmed Hadidi (2017). Geographical Distribution of Viroids in Africa and the Middle East. *Elsevier eBooks*. https://doi.org/10.1016/b978-0-12-801498-1.00045-0

Other publications 1

1. **EA Gyamera**, A Arko-Adjei (2016). Land conflicts in Ghana, causes, effects, and resolution. *4th UMaT Biennial International Mining and Mineral Conference. Ghana. August ….*