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RESEARCH

Interests	Energy Economics · Applied Microeconometrics · Environmental Economics
Areas	Economics and Econometrics · Pollution · Renewable Energy, Sustainability and the Environment · General Health Professions · Information Systems · Nutrition and Dietetics

RESEARCH SUMMARY

45	1,145	17	25	2.20	29%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 45 publications listed below, 2016–2026. Field-weighted impact is the mean over the 31 works scored for it; 1.00 is the world average for works of the same field, type and year. 9 of the 31 papers scored for it are among the world's most cited tenth for their field, type and year.

EDUCATION AND QUALIFICATIONS

PhD 2019–present
Economics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 43

1. **F Adusah-Poku** (2026). Adoption and Use of Residential Solar PV Systems in Ghana: Insights from a Mixed-Methods Study. *Scientific African*.
2. **F Adusah-Poku**, PB Frimpong, F Kemausuor (2026). Adoption and Use of Residential Solar PV Systems in Ghana: Insights from a Mixed-Methods Study in Ghana. *Scientific African*. https://www.sciencedirect.com/science/article/pii/S2468227626003984
3. Stephen Adusei, Anthony Kofi Osei-Fosu, **Frank Adusah-Poku**, Daniel Sakyi, John Bosco Dramani (2026). The Impact of Informal Economy on Poverty in Sub-Saharan Africa. Does Institutional Quality Matter? *Poverty & Public Policy*. https://doi.org/10.1002/pop4.70064
4. Justina Bamile, Paul Owusu Takyi, Raphael Edem Ayibor, **Frank Adusah-Poku** (2026). The effect of agricultural trade openness on food security in Sub-Saharan Africa. *International Journal of Social Economics*. https://doi.org/10.1108/ijse-11-2025-1034
5. Stephen Adusei, Anthony Kofi Osei-Fosu, **Frank Adusah-Poku** (2026). The impact of informality on economic growth in sub-Saharan Africa: The role of institutional quality. *Journal of International Trade & Economic Development*. https://doi.org/10.1080/09638199.2026.2663019
6. John Bosco Dramani, Prince Boakye Frimpong, **Frank Adusah-Poku** (2025). A look at Ghana's housing deficit and quality trends for over 20 years. *Housing Studies*. https://doi.org/10.1080/02673037.2025.2537647
7. Edward Martey, **Frank Adusah-Poku**, Justina Adwoa Onumah, Prince M. Etwire (2025). Civil Conflicts and Household Food Expenditure Patterns: Evidence From Ghana. *Food and Energy Security*. https://doi.org/10.1002/fes3.70098

8. **Frank Adusah-Poku**, John Bosco Dramani, Prince Boakye Frimpong (2025). Climate change, food consumption and food security: Evidence from Ghana. *Sustainable Futures*. https://doi.org/10.1016/j.sftr.2025.101565

9. Edward Martey, Prince M. Etwire, **Frank Adusah-Poku**, Kwabena Krah, Mustapha M. Suraj (2025). Community water resource and energy poverty in Ghana. *Energy Policy*. https://doi.org/10.1016/j.enpol.2025.114971

10. Prince Boakye Frimpong, John Bosco Dramani, **Frank Adusah-Poku** (2025). The impact of housing quality on child survival in Ghana. *International Journal of Housing Markets and Analysis*. https://doi.org/10.1108/ijhma-05-2025-0118

11. Enoch Ntsiful, John Bosco Dramani, **Frank Adusah-Poku**, Prince Boakye Frimpong (2024). Effect of electricity access on the value of women's labour and time in Ghana. *World Development Perspectives*. https://doi.org/10.1016/j.wdp.2024.100614

12. Edward Martey, Justina Adwoa Onumah, **Frank Adusah-Poku** (2024). Maize price Shocks, food consumption and the mediating role of access to market in Ghana. *Food Policy*. https://doi.org/10.1016/j.foodpol.2024.102783

13. Martinson Ankrah Twumasi, **Frank Adusah-Poku**, Alex O. Acheampong, Eric Evans Osei Opoku (2024). Residential energy expenditures and the relevance of financial inclusion across location, wealth quintiles and household structures. *Heliyon*. https://doi.org/10.1016/j.heliyon.2024.e26710

14. Zenabu Mustapha, Paul Owusu Takyi, Raphael Edem Ayibor, **Frank Adusah-Poku** (2024). The impact of fiscal shocks on economic growth and income inequality in Ghana: is there a trade-off? *African Journal of Economic and Management Studies*. https://doi.org/10.1108/ajems-04-2023-0133

15. Eric Fosu Oteng-Abayie, John Bosco Dramani, **Frank Adusah-Poku**, Kofi Amanor, Jonathan Dagadu Quartey (2023). Decomposition and drivers of energy intensity in Ghana. *Energy Strategy Reviews*. https://doi.org/10.1016/j.esr.2023.101090

16. Kwame Adjei-Mantey, **Frank Adusah-Poku**, Paul Adjei Kwakwa (2023). International tourism, exchange rate, and renewable energy: Do they boost or burden efforts towards a low carbon economy in selected African countries? *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2023.2245258

17. Eric Fosu Oteng-Abayie, John Bosco Dramani, Mahawiya Sulemana, **Frank Adusah-Poku** (2023). The Asymmetric Effects of Oil Price Shocks on Aggregate Demand for Goods and Services in Ghana. *Journal of Energy*. https://doi.org/10.1155/2023/1692552

18. **F Adusah-Poku** (2023). The editors are very grateful to the following persons for acting as referees during the last year. Referees undertake their work anonymously and the task carries few rewards .... *Norsk Geografisk Tidsskrift–Norwegian Journal of Geography*.

19. **Frank Adusah-Poku**, John Bosco Dramani, Kwame Adjei-Mantey (2022). Does the choice of cooking fuel empower Ghanaian women? An empirical analysis. *Development Southern Africa*. https://doi.org/10.1080/0376835x.2022.2135489

20. **Frank Adusah-Poku**, Samuel Adams, Kwame Adjei-Mantey (2022). Does the gender of the household head affect household energy choice in Ghana? An empirical analysis. *Environment Development and Sustainability*. https://doi.org/10.1007/s10668-022-02293-8

21. Kwabena Nkansah, Paul Owusu Takyi, Daniel Sakyi, **Frank Adusah-Poku** (2022). Economic Integration Agreements and Export Survival in Ghana. *Journal of African Trade*. https://doi.org/10.1007/s44232-022-00001-z

22. Kwasi Gyabaa Tabiri, **Frank Adusah-Poku**, Jacob Novignon (2022). Economic inequalities and rural-urban disparities in clean cooking fuel use in Ghana. *Energy Sustainable Development/Energy for sustainable development*. https://doi.org/10.1016/j.esd.2022.05.001

23. Edward Martey, Prince Maxwell Etwire, **Frank Adusah-Poku**, Isaac Akoto (2022). Off-farm work, cooking energy choice and time poverty in Ghana: An empirical analysis. *Energy Policy*. https://doi.org/10.1016/j.enpol.2022.112853

24. Paul Adjei Kwakwa, Kwame Adjei-Mantey, **Frank Adusah-Poku** (2022). The effect of transport services

and ICTs on carbon dioxide emissions in South Africa. *Environmental Science and Pollution Research*. https://doi.org/10.1007/s11356-022-22863-7

25. Kwame Adjei-Mantey, Paul Adjei Kwakwa, **Frank Adusah-Poku** (2022). Unraveling the effect of gender dimensions and wood fuel usage on household food security: evidence from Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e11268
26. **Frank Adusah-Poku**, Kwame Adjei-Mantey, Paul A. Kwakwa (2021). Are energy-poor households also poor? Evidence from Ghana. *Poverty & Public Policy*. https://doi.org/10.1002/pop4.301
27. **Frank Adusah-Poku**, John Bosco Dramani, Kwame Adjei-Mantey (2021). Determinants of electricity demand in Ghana: the role of power crises. *International Journal of Sustainable Energy*. https://doi.org/10.1080/14786451.2021.1974440
28. **F Adusah-Poku**, K Adjei-Mantey (2021). Electricity Crisis Matter for the Effect. *Responsible Management in Emerging Markets: A Multisectoral Focus*. https://books.google.com/books?hl=en&lr=&id=1XdLEAAAQBAJ&oi=fnd&pg=PA297&dq=info:4bdaNRTTrU8J:scholar.google.com&ots=I45X_PuQb4&sig=BQ8q-zIXZ3q4xZ2MV9b7rx85ex4
29. Kwame Adjei-Mantey, **Frank Adusah-Poku** (2021). Energy efficiency and electricity expenditure: An analysis of risk and time preferences on light bulb use in Ghana. *Resources Conservation & Recycling Advances*. https://doi.org/10.1016/j.rcradv.2021.200061
30. **F Adusah-Poku**, PO Takyi (2021). The threshold effect of electricity consumption and urbanization on CO2 emissions in Ghana. *Management of Environmental Quality*.
31. Paul Nayaga, **Frank Adusah-Poku**, John Bosco Dramani, Paul Owusu Takyi (2021). The threshold effect of electricity consumption and urbanization on carbon dioxide emissions in Ghana. *Management of Environmental Quality An International Journal*. https://doi.org/10.1108/meq-09-2021-0229
32. Paul Adjei Kwakwa, **Frank Adusah-Poku**, Kwame Adjei-Mantey (2021). Towards the attainment of sustainable development goal 7: what determines clean energy accessibility in sub-Saharan Africa? *Green Finance*. https://doi.org/10.3934/gf.2021014
33. Paul Adjei Kwakwa, **Frank Adusah-Poku** (2020). The carbon dioxide emission effects of domestic credit and manufacturing indicators in South Africa. *Management of Environmental Quality An International Journal*. https://doi.org/10.1108/meq-11-2019-0245
34. **F Adusah-Poku** (2019). Determinants and welfare impacts of rural electrification in Ghana. *Energy for Sustainable Development*. https://www.sciencedirect.com/science/article/pii/S097308261930955X
35. Paul Adjei Kwakwa, **Frank Adusah-Poku** (2019). Determinants of electricity consumption and energy intensity in South Africa. *Green Finance*. https://doi.org/10.3934/gf.2019.4.387
36. **F Adusah-Poku** (2019). Energy Poverty in Ghana: Any Progress So Far? *Renewable and Sustainable Energy Reviews*. https://www.sciencedirect.com/science/article/pii/S1364032119304319
37. **F Adusah-Poku** (2019). Household energy expenditure in Ghana: A double-hurdle model approach. *World Development*. https://www.sciencedirect.com/science/article/pii/S0305750X19300245
38. K Adjei-Mantey, **F Adusah-Poku** (2019). Natural disasters and economic growth in Africa. *Munich Personal RePEc Archive*. https://mpra.ub.uni-muenchen.de/id/eprint/95588
39. **F Adusah-Poku** (2018). Does the Form Matter? Foreign Capital Inflows and Economic Growth. *Journal of Economics and Econometrics*. https://ideas.repec.org/a/eei/journl/v61y2018i3p39-74.html
40. Daniel Kwabena Twerefou, **Frank Adusah-Poku**, William Bekoe (2016). An empirical examination of the Environmental Kuznets Curve hypothesis for carbon dioxide emissions in Ghana: an ARDL approach. *Environmental & Socio-economic Studies*. https://doi.org/10.1515/environ-2016-0019
41. **F Adusah-Poku** (2016). Budget deficits and stock market returns: Evidence from Ghana. *Journal of finance and economics*. https://scholar.google.com/scholar?cluster=13866024079673677213&hl=en&oi=scholarr
42. **F Adusah-Poku** (2016). Carbon dioxide emissions, urbanization and population: Empirical evidence in SUB Saharan Africa. *Energy Economics Letters*. https://www.academia.edu/download/85910792/2ed4e909c7ce0fbd2542caec4ed3ace398cb.pdf

43. **F Adusah-Poku** (2016). Which form of foreign capital inflows enhance economic growth? Empirical evidence in Sub-Saharan Africa. *Asian Economic and Financial Review*. https://www.academia.edu/download/85910795/1a8e20781758f6c2a95c01b29b0b7754d6c8.pdf

Book chapters 1

1. Paul Adjei Kwakwa, **Frank Adusah-Poku**, Kwame Adjei-Mantey (2021). Towards Sustainable Environment: Does Electricity Crisis Matter for the Effect of Industrialisation and Urbanisation on Carbon Dioxide Emissions? *Sustainable development goals series*. https://doi.org/10.1007/978-3-030-76563-7_12

Reports 1

1. **Frank Adusah-Poku**, RE Hinson (2021). Responsible management in emerging markets: A multisectoral focus. *Springer Nature*. https://books.google.com/books?hl=en&lr=&id=1XdLEAAAQBAJ&oi=fnd&pg=PR5&dq=info:yKg17NQPH7IJ:scholar.google.com&ots=I45X_PuQb6&sig=h_oOCEpjleyAtgNPuP5AXWhNp20