Prof. Mark Armah

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RESEARCH

Interests	development economics · econometrics/applied econometrics · public policy
Areas	Economics and Econometrics · General Economics, Econometrics and Finance · Information Systems · Renewable Energy, Sustainability and the Environment · Accounting · Development

RESEARCH SUMMARY

32	371	8	7	3.48	50%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 32 publications listed below, 2005–2026. Field-weighted impact is the mean over the 18 works scored for it; 1.00 is the world average for works of the same field, type and year. 9 of the 18 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

University of Cape Coast
Data Science and Economic Policy, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD Economics 2002–2007
Schoool of Economics, University of Hull, Hull, United Kingdom

PUBLICATIONS

Journal articles 26

1. **Mark Armah** (2026). Correction to: Identifying AGNs from X-ray detections–I: Metallicity calibrations in AGNs with X-ray luminosity as the primary input parameter. *Monthly Notices of the Royal Astronomical Society*. https://academic.oup.com/mnras/article-abstract/551/2/stag1511/8768519
2. **Mark Armah** (2026). Identifying AGNs from X-ray detections – II. Metallicity calibrations for the N2O2 and N2S2 diagnostics. *Monthly Notices of the Royal Astronomical Society*. https://academic.oup.com/mnras/article-abstract/552/1/stag1563/8763811
3. **Mark Armah** (2026). Identifying AGNs from X-ray detections–I: Metallicity calibrations in AGNs with X-ray luminosity as the primary input parameter. *Monthly Notices of the Royal Astronomical Society*. https://academic.oup.com/mnras/article-abstract/548/1/stag560/8539724
4. Collins Baffour Kyei, **Mark Kojo Armah**, William Godfred Cantah, Ekua Senuah Appiah (2026). Inflation trajectory in Ghana from dawn to dusk a bibliometric analysis and systematic literature review. *Social Sciences & Humanities Open*. https://doi.org/10.1016/j.ssaho.2026.102538
5. Christopher Quaidoo, **Mark Kojo Armah**, George Domfe, David Aboagye Danquah (2026). Trade openness, financial development, and economic growth in Ghana: new empirical evidence. *SN Business & Economics*. https://doi.org/10.1007/s43546-026-01389-x
6. **Mark Armah** (2025). Metallicity of active galactic nuclei from ultraviolet and optical emission lines – II. Revisiting the C43 metallicity calibration and its implications. *Monthly Notices of the Royal Astronomical Society*. https://academic.oup.com/mnras/article-abstract/542/4/3181/8247988

7. Alhassan Abdul-Wakeel Karakara, Camara Kwasi Obeng, **Mark Kojo Armah**, Jacob Nunoo (2025). Nature, sector, and GVC participation of firms: empirical insights from firm-level data in selected SSA countries. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2025.2488830

8. **M Armah** (2025). VizieR Online Data Catalog: Lines/Abundances in Seyfert and SF galaxies IX (Dors+, 2022). *VizieR Online Data Catalog*. https://ui.adsabs.harvard.edu/abs/2025yCat..75145506D/abstract

9. Emmanuel Y. Gbolonyo, Camara K. Obeng, Jacob Nunoo, **Mark K. Armah** (2025). Women's empowerment and renewable energy consumption in Ghana: bridging gender disparities and advancing inclusive development. *Energy Efficiency*. https://doi.org/10.1007/s12053-025-10372-8

10. Evans Kulu, Alhassan A. Karakara, Isaac Dasmani, **Mark Kojo Armah** (2024). Energy consumption-economic growth nexus: How does sectorial differentials affects sustainable development? *Natural Resources Forum*. https://doi.org/10.1111/1477-8947.12390

11. Kassim Alabani, **Mark Kojo Armah**, Francis Taale (2024). Innovation among Small-Scale Firms in Shea Butter Production in Ghana. *African Journal of Empirical Research*. https://doi.org/10.51867/ajernet.5.3.27

12. **Mark Kojo Armah**, Isaac Kwesi Ofori, Francis Kwaw Andoh (2023). A re-examination of the exchange rate – Interest rate differential relationship in Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2023.e14605

13. **Mark K. Armah** (2023). The effect of central bank credibility on economic growth and output volatility in inflation targeting regime. *Journal of Social and Economic Development*. https://doi.org/10.1007/s40847-023-00274-9

14. Prince Amfo Wiafe, **Mark Armah**, Ferdinand Ahiakpor, KA Tuffour (2023). The underground economy and tax evasion in Ghana: Implications for economic growth. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2023.2292918

15. Francis Kwaw Andoh, Emmanuel Attobrah, Alexander Opoku, **Mark Kojo Armah**, Isaac Dasmani (2023). When does public debt hurt inequality in Africa? *International Journal of Social Economics*. https://doi.org/10.1108/ijse-06-2022-0435

16. Eric Amoo Bondzie, **Mark Kojo Armah** (2022). A DSGE model of fiscal stabilizers and informality in Sub-Sahara Africa. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2022.2137985

17. Isaac K. Ofori, Marcel A.M. Dossou, Simplice A. Asongu, **Mark K. Armah** (2022). Bridging Africa's income inequality gap: How relevant is China's outward FDI to Africa? *Economic Systems*. https://doi.org/10.1016/j.ecosys.2022.101055

18. Isaac K. Ofori, **Mark K. Armah**, Emmanuel E. Asmah (2022). Towards the reversal of poverty and income inequality setbacks due to COVID-19: the role of globalisation and resource allocation. *International Review of Applied Economics*. https://doi.org/10.1080/02692171.2022.2029367

19. Isaac Kwesi Ofori, **Mark Kojo Armah**, Francis Taale, Pamela Efua Ofori (2021). Addressing the severity and intensity of poverty in Sub-Saharan Africa: how relevant is the ICT and financial development pathway? *Heliyon*. https://doi.org/10.1016/j.heliyon.2021.e08156

20. Delali Aku Tunyo, **Mark Armah**, William Godfred Cantah, Shafic Suleman (2021). Crude oil production and macroeconomic performance in Ghana. *OPEC Energy Review*. https://doi.org/10.1111/opec.12218

21. Isaac Kwesi Ofori, Camara Kwasi Obeng, **Mark Kojo Armah**, Mariam Camarero (2018). Exchange rate volatility and tax revenue: Evidence from Ghana. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2018.1537822

22. **Mark Kojo Armah**, Prince Fosu (2016). Infrastructure and Foreign Direct Investment Inflows: Evidence from Ghana. *Journal of Emerging Trends in Economics and Management Science*.

23. William Brafu-Insaidoo, **Mark Armah**, Ferdinand Ahiakpor (2014). International Capital Flows and Consumption Volatility in Selected Sub-Saharan African Countries. *Journal of Social Sciences*. https://scholar.google.com/scholar?cluster=8534107001940378777&hl=en&oi=scholarr

24. **Mark K Armah** (2014). Trade liberalization and import revenue: Evidence from Ghana. *Journal of Economics, Commerce and Management*. https://www.academia.edu/download/118826941/295.pdf

25. Dasmani Isaac, **MK Armah** (2011). Does access and use of financial service smoothen household food consumption? Does access and use of financial service smoothen household food consumption? *Oguaa*

Journal of Social Sciences. https://journal.ucc.edu.gh/index.php/ojoss/article/download/596/383

26. **MK Armah** (2005). The effects of exchange rate on the trade balance in Ghana: Evidence from co integration analysis research memorandum. *University of Hull*. https://scholar.google.com/scholar?cluster=7714210799717288064&hl=en&oi=scholarr

Book chapters 1

1. Mohammed Ridwan Saani, James Atta Peprah, **Mark Armah**, Kwadwo Ankomah (2026). Economic Globalization, Institutions, and Debt Dynamics: Evidence from Sub-Saharan Africa. *Palgrave Studies in African and Development Economics*. https://doi.org/10.1007/978-3-032-25835-9_10

Reports 2

1. **MK Armah**, EE Asmah (2021). Towards the Reversal of Poverty and Income Inequality Setbacks Due to COVID-19: The Role of Globalisation and Resource Allocation. African Governance and Development Institute. *Working Paper*. https://scholar.google.com/scholar?cluster=3270175806642248820&hl=en&oi=scholarr
2. **Mark K Armah** (2005). The effects of exchange rate on the trade balance in Ghana: Evidence from cointegration analysis. *Business School*. https://waleolusi.wordpress.com/wp-content/uploads/2013/05/the-effects-of-exchange-rate-on-the-trade-balance.pdf

Theses 1

1. **Mark Kojo Armah** (2006). Exchange rate, trade and poverty: applied general equilibrium and econometric analyses of the Ghanaian economy. *University of Hull*. https://scholar.google.com/scholar?cluster=12851491379232952852&hl=en&oi=scholarr

Other publications 2

1. **MK Armah**, EE Asmah (2023). European Xtramile Centre of African Studies.
2. **MK Armah** (2021). A re-examination of the exchange rate–interest rate differential relationship in Ghana. *Kiel*.