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RESEARCH

Interests	Finance and Investment · Financial Econometrics · International Economics · Financial integration · Macroeconomic uncertainty · Economic growth and development · Institutional quality · Financial markets and assets · Exchange rate dynamics · Financial inclusion and poverty reduction
Areas	Economics and Econometrics · Finance · General Economics, Econometrics and Finance · Information Systems · Accounting · Strategy and Management

RESEARCH SUMMARY

70	1,232	18	27	4.01	48%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 70 publications listed below, 2008–2026. Field-weighted impact is the mean over the 56 works scored for it; 1.00 is the world average for works of the same field, type and year. 27 of the 56 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Professor 2025–present
Department of Finance, University of Cape Coast, Cape Coast, Ghana

Associate Professor 2022–2025
Department of Finance, University of Cape Coast, Cape Coast, Ghana

Senior Lecturer 2019–2024
Graduate School of Business Administration (Wits Business School), University of the Witwatersrand Johannesburg, Johannesburg-Braamfontein, South Africa

Postdoctoral Research Fellow 2017–2019
Graduate School of Business Administration, University of the Witwatersrand, Johannesburg-Braamfontein, South Africa

EDUCATION AND QUALIFICATIONS

Doctor of Philosophy 2014–2016
Graduate School of Business Administration, University of the Witwatersrand, Johannesburg-Braamfontein, South Africa

PUBLICATIONS

Journal articles 67

1. Dickson Antwi Berkomah, Siaw Frimpong, **George Tweneboah**, John Kingsley Woode, Emmanuel Assifuah-Nunoo (2026). Connectedness between cryptocurrency and African equities: Evidence from a time-varying approach. *Strategic Business Research*. https://doi.org/10.1016/j.sbr.2025.100045
2. Divine Atinyo, **George Tweneboah** (2026). Effect of entrepreneurial orientation on sustainable financial practices: The roles of dynamic capabilities and institutional conditions. *Africa Journal of Management*. https://doi.org/10.1080/23322373.2026.2619376
3. **G Tweneboah** (2026). Has trade liberalization played a helpful, benign, or malign role on economic growth within the ECOWAS trading bloc? *The Journal of International Trade & Economic Development*.
4. Divine Atinyo, **George Tweneboah** (2026). Nonprofits' role in the delivery of social services: A bibliometric analysis. *International Review of Philanthropy and Social Investment*. https://doi.org/10.47019/irpsi.2026/v5n1a4
5. Barbara Deladem Mensah, **George Tweneboah**, John Gartchie Gatsi, Simplice Asongu (2026). Threshold effect of financial development on sectoral efficiency in Africa. *Journal of Financial Economic Policy*. https://doi.org/10.1108/jfep-10-2024-0313
6. Abigail Naa Korkor Adjei, **George Tweneboah**, Peterson Owusu Junior (2025). An Investigation of the spatial dependence between economic policy uncertainty and economic activities in emerging market economies. *Research in Globalization*. https://doi.org/10.1016/j.resglo.2025.100308
7. **GEORGE TWENEBOAH** (2025). Assessing the asymmetric and nonlinear effects of economic policy uncertainty on financial soundness in Ghana. *Journal of Business and Enterprise Development (JOBED)*. https://doi.org/10.47963/jobed.v13i.1534
8. Motlanalo Mashoene, **George Tweneboah**, Eric Schaling (2025). FinTech and financial inclusion in emerging and developing economies: a system GMM model. *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2025.2491701
9. Khethang Mokoena, **George Tweneboah** (2025). Government size and output volatility in Sub-Saharan African Countries: do threshold levels exist? *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2025.2482887
10. Barbara Deladem Mensah, **George Tweneboah**, Simplice Asongu, Thomas Elorm Tagbotor (2025). Growth effects of FDI inflows, financial development and institutional quality in emerging economies: a panel quantile regression approach. *Journal of Financial Economic Policy*. https://doi.org/10.1108/jfep-08-2024-0220
11. Richard Eshun, **George Tweneboah** (2025). Relationship between Macroeconomic Fundamentals in the West African Monetary Zone. *Studies in Economics and Econometrics*. https://doi.org/10.1080/03796205.2025.2458848
12. Abigail Naa Korkor Adjei, **George Tweneboah**, Peterson Owusu Junior (2024). Economic policy uncertainty and spillovers in selected emerging market economies: time- and frequency-domain approach. *Journal of Financial Economic Policy*. https://doi.org/10.1108/jfep-09-2023-0287
13. Richard Eshun, **George Tweneboah** (2024). Effects of stock market development on economic growth in ECOWAS: does institutional quality matter? *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2024.2374419
14. Richard Eshun, **George Tweneboah** (2024). Exchange rates convergence in ECOWAS: WAMZ and WAEMU analysis on frequency time domains. *Cogent Business & Management*. https://doi.org/10.1080/23311975.2024.2374873
15. **George Tweneboah**, Anthony Y. Nsiah (2024). Financial inclusion, financial stability, and poverty reduction in Africa. *Economic Notes*. https://doi.org/10.1111/ecno.70000
16. Iddriss Askandir, Eric Amoo Bondzie, **George Tweneboah** (2024). Government interventions and stock market performance during COVID-19 pandemic: Empirical evidence from Ghana. *Cogent Social Sciences*.

https://doi.org/10.1080/23311886.2024.2337014

17. Richard Eshun, **George Tweneboah** (2024). Has trade liberalization played a helpful, benign, or malign role on economic growth within the ECOWAS trading bloc? *Journal of International Trade & Economic Development*. https://doi.org/10.1080/09638199.2024.2443411
18. Umar-Farouk Atipaga, Imhotep Alagidede, **George Tweneboah** (2024). Information flow between stock returns of advanced markets and emerging African economies. *Research in International Business and Finance*. https://doi.org/10.1016/j.ribaf.2024.102603
19. Umar-Farouk Atipaga, Imhotep Alagidede, **George Tweneboah** (2024). On the connectedness of stock returns and exchange rates in emerging and frontier markets in Africa. *Economic Notes*. https://doi.org/10.1111/ecno.12249
20. Bernice Nkrumah-Boadu, **George Tweneboah**, Siaw Frimpong (2024). On the partial impact of uncertainties on the nexus between macroeconomic fundamentals in West Africa. *Heliyon*. https://doi.org/10.1016/j.heliyon.2024.e35976
21. Richard Eshun, **George Tweneboah** (2024). Revisiting stock market development and growth analysis in ECOWAS: a disaggregated analysis of institutional quality as mediating variable. *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2024.2327578
22. Anthony Yaw Nsiah, **George Tweneboah** (2024). Threshold Effect of Financial Inclusion on Poverty Reduction in Africa: Does institutional quality play a role? *Journal of African Business*. https://doi.org/10.1080/15228916.2024.2344136
23. Anthony Yaw Nsiah, **George Tweneboah** (2023). Determinants of Financial Inclusion in Africa: Is Institutional Quality Relevant? *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2023.2184305
24. **George Tweneboah**, Richard Eshun (2023). Integration of macroeconomic fundamentals in the West African Monetary Zone: A multi scale perspective. *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2023.2217000
25. Daniel Agyapong, **George Tweneboah** (2023). The antecedents of circular economy financing and investment supply: The role of financial environment. *Cleaner Environmental Systems*. https://doi.org/10.1016/j.cesys.2022.100103
26. Priscilla Boafowaa Oppong, **George Tweneboah** (2023). The causal relationship between global competitiveness and GVC participation in sub-Saharan Africa: A network approach. *Research in Globalization*. https://doi.org/10.1016/j.resglo.2023.100151
27. Abigail Naa Korkor Adjei, **George Tweneboah**, Peterson Owusu Junior (2022). Interdependence of economic policy uncertainty and business cycles in selected emerging market economies. *Journal of Financial Economic Policy*. https://doi.org/10.1108/jfep-07-2021-0193
28. Abigail Naa Korkor Adjei, **George Tweneboah**, Peterson Owusu Junior (2022). Nonlinear Causal Relationship Between Economic Policy Uncertainty and Macroeconomic Variables in Selected Emerging Market Economies. *Annals of Financial Economics*. https://doi.org/10.1142/s2010495222400024
29. Edward Marfo-Yiadom, **George Tweneboah** (2022). The role of national culture in financial innovation and bank stability transmission. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2022.2111792
30. **G Tweneboah**, Anokye M Adam (2021). Analyzing the relationship between global REITs and exchange rates: Fresh evidence from frequency-based quantile regressions. *Advances in Decision Sciences*. https://eprints.gla.ac.uk/276166/
31. Peterson Owusu Junior, Siaw Frimpong, Anokye M. Adam, Samuel K. Agyei, Emmanuel N. Gyamfi, Daniel Agyapong, **George Tweneboah** (2021). COVID-19 as Information Transmitter to Global Equity Markets: Evidence from CEEMDAN-Based Transfer Entropy Approach. *Mathematical Problems in Engineering*. https://doi.org/10.1155/2021/8258778
32. **Tweneboah George**, Jane Acquaye, Tsiri Agbenyega, Lorraine Sallah (2021). Determination of Safe Apnoea Period in Relation to Haemoglobin Concentration at Komfo Anokye Teaching Hospital. *OALib*. https://doi.org/10.4236/oalib.1107930

33. **George Tweneboah**, Jane Acquaye, Lorraine Sallah, Tsiri Agbenyega (2021). Effects of Intravenous Agent Used on Oxygen Desaturation during Suxamethonium Apnoea. *OALib*. https://doi.org/10.4236/oalib.1107805

34. Peterson Owusu Junior, Aviral Kumar Tiwari, **George Tweneboah**, Emmanuel Asafo-Adjei (2021). GAS and GARCH based value-at-risk modeling of precious metals. *Resources Policy*. https://doi.org/10.1016/j.resourpol.2021.102456

35. Maurice Omane-Adjepong, Imhotep Paul Alagidede, Anna Gustav Lyimo, **George Tweneboah** (2021). Herding behaviour in cryptocurrency and emerging financial markets. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2021.1933681

36. Kola Ijasan, Peterson Owusu Junior, **George Tweneboah**, Anokye M. Adam (2021). How does South Africa's real estate investment trusts integrate with major global REITs markets? A time-frequency approach. *Scientific African*. https://doi.org/10.1016/j.sciaf.2021.e00993

37. **George Tweneboah** (2021). Impact of financial intermediaries on economic growth. *Academy of Accounting and Financial Studies Journal*. https://www.academia.edu/download/124726028/Impact-of-financial-Intermediaries-economic-growth-1528-2635-25-S4-802.pdf

38. **George Tweneboah**, Michael E. Asamoah, Peterson Owusu Junior (2021). On Exchange Rate Predictability and Adaptive Market Hypothesis in South Africa. *Journal of African Business*. https://doi.org/10.1080/15228916.2021.1975488

39. Anthony Yaw Nsiah, Hadrat Yusif, **George Tweneboah**, Kwasi Agyei, Samuel Tawiah Baidoo (2021). The effect of financial inclusion on poverty reduction in Sub-Sahara Africa: Does threshold matter? *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2021.1903138

40. Peterson Owusu Junior, **George Tweneboah** (2020). Are there asymmetric linkages between African stocks and exchange rates? *Research in International Business and Finance*. https://doi.org/10.1016/j.ribaf.2020.101245

41. **George Tweneboah** (2020). Are there asymmetric linkages between African stocks and exchanges. *Research in International Business and Finance*. https://scholar.google.com/scholar?cluster=15665522560610162395&hl=en&oi=scholarr

42. Peterson Owusu Junior, Anokye M. Adam, **George Tweneboah** (2020). Connectedness of cryptocurrencies and gold returns: Evidence from frequency-dependent quantile regressions. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2020.1804037

43. **George Tweneboah**, Peterson Owusu Junior, Seyram Pearl Kumah (2020). Modelling the asymmetric linkages between spot gold prices and African stocks. *Research in International Business and Finance*. https://doi.org/10.1016/j.ribaf.2020.101246

44. Peterson Owusu Junior, Imhotep Alagidede, **George Tweneboah** (2020). Shape-shift contagion in emerging markets equities: evidence from frequency- and time-domain analysis. *Economics and Business Letters*. https://doi.org/10.17811/ebl.9.3.2020.146-156

45. **George Tweneboah**, Paul Alagidede (2019). Dollarization, Inflation Targeting, and Inflationary Dynamics in Ghana. *Journal of African Business*. https://doi.org/10.1080/15228916.2019.1581011

46. **George Tweneboah** (2019). Dynamic interdependence of industrial metal price returns: Evidence from wavelet multiple correlations. *Physica A Statistical Mechanics and its Applications*. https://doi.org/10.1016/j.physa.2019.121153

47. **George Tweneboah**, John Garchie Gatsi, Michael Effah Asamoah (2019). Financial development and dollarization in Ghana: an empirical investigation. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2019.1663699

48. **G Tweneboah** (2019). Integration of major African stock markets: evidence from multi-scale wavelets correlation. *Academy of Accounting and Financial Studies Journal*. https://www.academia.edu/download/99391237/Integration-of-Major-African-Stock-Markets-Evidence-from-Multi-Scale-Wavelets-Correlation-1528-2635-23-6-477.pdf

49. Peterson Owusu Junior, **George Tweneboah**, Anokye M. Adam (2019). Interdependence of Major Exchange Rates in Ghana: A Wavelet Coherence Analysis. *Journal of African Business*. https://doi.org/

10.1080/15228916.2019.1583973

50. Peterson Owusu Junior, **George Tweneboah**, Kola Ijasan, Nagaratnam Jeyasreedharan (2019). Modelling return behaviour of global real estate investment trusts equities. *Journal of European real estate research*. https://doi.org/10.1108/jerer-09-2018-0043
51. Kola Ijasan, **George Tweneboah**, Maurice Omane-Adjepong, Peterson Owusu Junior (2019). On the global integration of REITs market returns: A multiresolution analysis. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2019.1690211
52. **George Tweneboah** (2018). Currency substitution and stability of money demand in Ghana. *The Journal of Developing Areas*. https://muse.jhu.edu/pub/51/article/677047/summary
53. **George Tweneboah**, Paul Alagidede (2018). Interdependence structure of precious metal prices: A multi-scale perspective. *Resources Policy*. https://doi.org/10.1016/j.resourpol.2018.08.013
54. Kolawole Ijasan, **George Tweneboah**, Jones Odei Mensah (2017). Anti-persistence and long-memory behaviour of SAREITs. *Journal of Property Investment and Finance*. https://doi.org/10.1108/jpif-09-2016-0073
55. Peterson Owusu Junior, Anokye M. Adam, **George Tweneboah** (2017). Co-movement of real exchange rates in the West African Monetary Zone. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2017.1351807
56. **George Tweneboah**, Daniel Agyapong (2017). Modelling Fiscal Sustainability in the Middle East and North African Region. *Journal of Business and Enterprise Development (JOBED)*. https://doi.org/10.47963/jobed.v7i0.131
57. **George Tweneboah**, Daniel Agyapong, Siaw Frimpong (2016). Economic Integration and Exchange Rate Dynamics in the West African Monetary Zone. *The African finance journal*.
58. Paul, Alagidede, **Tweneboah, George** (2015). Convergence of Growth Rates in the West African Monetary Zone. *Journal of economic cooperation and development*. https://doi.org/10.5281/zenodo.20345190
59. **George Tweneboah** (2015). Financial dollarization and exchange rate volatility in Ghana.
60. **G Tweneboah** (2015). Long memory behaviour of real interest rates in Ghana. *Journal of Business and Enterprise Development*. https://www.researchgate.net/profile/Anokye-Adam/publication/284717226_Long_Memory_Behaviour_of_Real_Interest_Rates_in_Ghana/links/5656ec0408aeafc2aac0a722/Long-Memory-Behaviour-of-Real-Interest-Rates-in-Ghana.pdf
61. Paul Alagidede, **George Tweneboah** (2015). ON THE SUSTAINABILITY AND SYNCHRONIZATION OF FISCAL POLICY IN LATIN AMERICA. *Americanae (AECID Library)*. https://doi.org/10.7764/laje.52.2.213
62. **George Tweneboah**, Ayim Nyarko Amanfo, Seyram Pearl Kumah (2013). Evidence of market inefficiency and exchange rate predictability in Ghana.
63. **George Tweneboah** (2010). Exchange rate modelling in Ghana: do the purchasing power parity and uncovered interest parity conditions hold jointly. *International Journal of Economics and Finance*. https://www.researchgate.net/profile/George-Tweneboah/publication/50211296_Exchange_Rate_Modelling_in_Ghana_Do_the_Purchasing_Power_Parity_and_Uncovered_Interest_Parity_conditions_hold_jointly/links/00b4951e04dff7055b000000/Exchange-Rate-Modelling-in-Ghana-Do-the-Purchasing-Power-Parity-and-Uncovered-Interest-Parity-conditions-hold-jointly.pdf
64. A Adam, **G Tweneboah** (2009). Foreign Direct Investment and Stock Market Developments. *International Research Journal of Economics Issue*.
65. Anokye M Adam, **G Tweneboah** (2009). Foreign direct investment and stock market development: Ghana's evidence. *International research journal of finance and economics*. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=1289843
66. **George Tweneboah** (2009). Relevance of Financial Markets for Exchange Rate Modeling in Ghana. *IUP Journal of Financial Economics*. https://openurl.ebsco.com/contentitem/gcd:47531157?sid=ebsco:plink:crawler-gcd&id=ebsco:gcd:47531157&crl=c&jrnl=09729151
67. **George Tweneboah** (2008). Nominal exchange rates and price convergence in the West African monetary zone. *International Journal of Business and Economics*. https://www.academia.edu/download/86572167/

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Books 1

1. Suzanne Graham, Wilfred Tarabinah, Wei Ye, Korbla Puplampu, Isaac Odoom, Walter Kudzai Barure, Gabriel Kosiso Okonkwo, Michelle D'Arcy, **George Dei**, Paul Adjei, Núbia Aguilar, Rugare Mugumbate, Andre Renzaho, Vincent Mabvurira, Vinícius Venancio, Caitlin Brown, Nolukhanyo Metula, Yvonne TIANDEM-ADAMOU (2025). How We Teach Africa Matters. *UJ Press eBooks*. https://doi.org/10.64449/9781997468479

Reports 1

1. Anokye M. Adam, **George Tweneboah** (2008). Foreign Direct Investment (FDI) and Stock market Development: Ghana Evidence. *Munich Personal RePEc Archive (Ludwig Maximilian University of Munich)*.

Theses 1

1. **George Tweneboah** (2016). Dollarization and macroeconomic instability in Ghana. *PQDT-Global*. https://search.proquest.com/openview/6eed10e5428b2ee7669eb9ae2886e171/1?pq-origsite=gscholar&cbl=2026366&diss=y