

# George Tweneboah

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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

|              |              |           |           |                       |               |
|--------------|--------------|-----------|-----------|-----------------------|---------------|
| <b>71</b>    | <b>1,231</b> | <b>18</b> | <b>26</b> | <b>4.01</b>           | <b>48%</b>    |
| Publications | Citations    | h-index   | i10-index | Field-weighted impact | World top 10% |

Counted from the 71 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

|                                                                                                                                                                                    |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>Professor</b><br>Department of Finance, University of Cape Coast, Cape Coast, Ghana                                                                                             | 2025–present |
| <b>Associate Professor</b><br>Department of Finance, University of Cape Coast, Cape Coast, Ghana                                                                                   | 2022–2025    |
| <b>Senior Lecturer</b><br>Graduate School of Business Administration (Wits Business School), University of the Witwatersrand Johannesburg, Johannesburg-Braamfontein, South Africa | 2019–2024    |
| <b>Postdoctoral Research Fellow</b><br>Graduate School of Business Administration, University of the Witwatersrand, Johannesburg-Braamfontein, South Africa                        | 2017–2019    |

## EDUCATION AND QUALIFICATIONS

|                                                                                                                                                     |           |
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| <b>Doctor of Philosophy</b><br>Graduate School of Business Administration, University of the Witwatersrand, Johannesburg-Braamfontein, South Africa | 2014–2016 |
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## PUBLICATIONS

### Journal articles 68

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=scholar>
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/ebf.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/>

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. G Tweneboah, Daniel Agyapong (2017). Modelling Fiscal Sustainability in the Middle East and North African Region: A Pooled Mean Group Approach. *Journal of Business and Enterprise Development (JOBED)*. <https://journal.ucc.edu.gh/index.php/jobed/article/download/131/31>
58. George Tweneboah, Daniel Agyapong, Siaw Frimpong (2016). Economic Integration and Exchange Rate Dynamics in the West African Monetary Zone. *The African finance journal*.
59. 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>
60. George Tweneboah (2015). Financial dollarization and exchange rate volatility in Ghana.
61. 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](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)
62. 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>
63. George Tweneboah, Ayim Nyarko Amanfo, Seyram Pearl Kumah (2013). Evidence of market inefficiency and exchange rate predictability in Ghana.
64. 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](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)
65. A Adam, G Tweneboah (2009). Foreign Direct Investment and Stock Market Developments. *International Research Journal of Economics Issue*.
66. 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](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=1289843)
67. 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](https://www.ebsco.com/academic/crawler-gcd&id=ebsco:gcd:47531157&crl=c&jrnl=09729151)

68. 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/vol7-3-01.pdf>

#### 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>