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RESEARCH

Interests	agricultural extention
Areas	General Agricultural and Biological Sciences · General Health Professions · Horticulture · Infectious Diseases · Ecology, Evolution, Behavior and Systematics · Economics and Econometrics

RESEARCH SUMMARY

33	352	10	10	1.13	16%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 33 publications listed below, 1992–2026. Field-weighted impact is the mean over the 19 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 19 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 31

1. Williams Brobbey, Alhassan Bismark, Philip Asaah, **Patrick Appiah** (2026). A Quantitative Evaluation of Grid-Forming Inverters for Frequency Stability: Virtual Inertia Optimisation and Hybrid BESS Performance in a Renewable-Dominated IEEE 39-Bus System. *International Journal of Innovative Science and Research Technology (IJISRT)*. https://doi.org/10.38124/ijisrt/26feb1029
2. E.K. Tham-Agyekum, **P. Appiah**, A. Koomson, A.A. Bawa, E. Manso (2025). Dialing into Agricultural Innovation Via Mobile Phones: Experiences of Smallholder Cocoa Farmers in Sekyere South, Ghana. *Suid-Afrikaanse tydskrif vir landbouvoorligting/South African journal of agricultural extension*. https://doi.org/10.17159/2413-3221/2025/v53n6a21616
3. Joseph Oppong Busia, Kwadwo Amankwah, **Patrick Appiah**, Enoch Kwame Tham-Agyekum, John-Eudes Andivi Bakang (2024). A comprehensive study on the livelihood implications of transitioning from cocoa to rubber plantation in Ghana. *Pelita Perkebunan (a Coffee and Cocoa Research Journal)*. https://doi.org/10.22302/iccri.jur.pelitaperkebunan.v40i2.601
4. Enoch Kwame Tham-Agyekum, Kassim Somed, **Patrick Appiah**, Maxwell Toah Asiamah, Fred Ankuyi, Anthony Appiah, John-Eudes Andivi Bakang (2024). Cocoa farmers' perception regarding the effectiveness of cocoa extension services in the Bia West District, Ghana. *Pelita Perkebunan (a Coffee and Cocoa Research Journal)*. https://doi.org/10.22302/iccri.jur.pelitaperkebunan.v40i2.606
5. Akua Yeboah Oduro-Owusu, **Patrick Appiah**, Enoch Kwame Tham-Agyekum, Fred Ankuyi, Akowuah Addison, Solomon Asirifi, John-Eudes Andivi Bakang (2024). Determinants and outcomes of participation in decision-making in cocoa farmer cooperatives. *Rural Society*. https://doi.org/10.1080/10371656.2024.2425505
6. Enoch Kwame Tham-Agyekum, Beatrice Offeibea Awuku, Fred Ankuyi, **Patrick Appiah**, Collins Osei, John-Eudes Andivi De Bakang, Ernest Laryea Okorley (2024). Dimensions of Accessibility and Use of Information Communication Technology Among Cocoa Farmers in Atwima Mponua District, Ghana. *Journal of Agricultural Extension*. https://doi.org/10.4314/jae.v28i1.1
7. **P Appiah**, EK Tham-Agyekum (2023). Assessment of the Usage of Extension Communication Channels for

Disseminating Crop Production Information to Oil Palm Farmers in the Birim South District, Ghana. *Journal of Advocacy, Research and Education*. https://www.kadint.net/journals_n/1707391218.pdf

8. **P Appiah** (2023). Current smart metering system in ghana: Challenges and mitigation techniques. *International Journal of Computer Applications*. https://www.academia.edu/download/110333831/ijca2023922899.pdf

9. **P Appiah**, EK Tham-Agyekum, JEA Bakang, F Nimoh (2023). Does cooperative membership improve cocoa farmer income? Evidence from mankranso cocoa District, Ghana. *Agricultural Socio-Economics Journal*. https://agrise.ub.ac.id/index.php/agrise/article/view/1108

10. **Patrick Appiah** (2023). Erratum: Correction to: Using the Implementation Research Logic Model as a Lens to View Experiences of Implementing HIV Prevention and Care Interventions with Adolescent Sexual .... *AIDS and behavior*. https://pure.johnshopkins.edu/en/publications/erratum-correction-to-using-the-implementation-research-logic-mod/

11. M. Acheampong, **P. Appiah**, E.K. Tham-Agyekum, J.-E. A. Bakang, E.O. Jones, C. Osei, F. Ankuyi (2023). FARMERS' ACCESSIBILITY AND USE OF HYBRID COCOA SEEDLINGS FOR COCOA REHABILITATION: EMPIRICAL RESULTS FROM AMENFI CENTRAL DISTRICT, GHANA. *Russian Journal of Agricultural and Socio-Economic Sciences*. https://doi.org/10.18551/rjoas.2023-05.13

12. **P Appiah** (2023). Harmonic injection of domestic nonlinear loads in Ghana's power distribution system: analysis and mitigation using a low-cost notch filter. *Journal of the Ghana Institution of Engineering (JGhIE)*. http://ghiejournal.com/index.php/jghie/article/view/81

13. Rosalyn Aborah, **Patrick Appiah**, Enoch Kwame Tham-Agyekum, Fred Ankuyi, K Amankwah, John-Eudes Andivi Bakang, Fred Nimoh (2023). THE EFFECT OF FARMER BUSINESS SCHOOL ON HOUSEHOLD WELFARE: EVIDENCE FROM COCOA FARMERS IN ATWIMA NWABIAGYA NORTH DISTRICT, GHANA. *Applied Studies in Agribusiness and Commerce*. https://doi.org/10.19041/apstract/2023/2/9

14. **Patrick Appiah** (2023). Using the Implementation Research Logic Model as a Lens to View Experiences of Implementing HIV Prevention and Care Interventions with Adolescent Sexual Minority Men-A Global .... *AIDS and Behavior*. https://doi.org/10.1007/s10461-022-03776-5

15. Laura Nyblade, Melissa A. Stockton, Khalida Saalim, Gamji Rabiu Abu-Ba'are, Sue Clay, Mutale Chonta, Debbie Dada, Emmanuel Mankattah, Richard Vormawor, **Patrick Appiah**, Francis Boakye, Ransford Akrong, Adom Manu, Emma Gyamerah, DeAnne Turner, Karan Sharma, Kwasi Torpey, LaRon E. Nelson (2022). Using a mixed-methods approach to adapt an HIV stigma reduction intervention to address intersectional stigma faced by men who have sex with men in Ghana. *Journal of the International AIDS Society*. https://doi.org/10.1002/jia2.25908

16. Camillus Abawiera Wongnaa, John-Eudes Andivi Bakang, Maxwell Asiamah, **Patrick Appiah**, Joshua Kani Asibey (2021). Adoption and compliance with Council for Scientific and Industrial Research recommended maize production practices in Ashanti region, Ghana. *World Journal of Science Technology and Sustainable Development*. https://doi.org/10.1108/wjstsd-03-2021-0035

17. Amos Mensah, Maxwell Asiamah, Camillus Abawiera Wongnaa, Faizal Adams, Seth Etuah, Eli Gaveh, **Patrick Appiah** (2021). Adoption impact of maize seed technology on farm profitability: evidence from Ghana. *Journal of Agribusiness in Developing and Emerging Economies*. https://doi.org/10.1108/jadee-06-2020-0120

18. Gamji M'Rabiu Abubakari, Francis Owusu-Dampare, Adedotun Ogunbajo, Joseph Gyasi, Michael Adu, **Patrick Appiah**, Kwasi Torpey, Laura Nyblade, LaRon E. Nelson (2021). HIV Education, Empathy, and Empowerment (HIVE3): A Peer Support Intervention for Reducing Intersectional Stigma as a Barrier to HIV Testing among Men Who Have Sex with Men in Ghana. *International Journal of Environmental Research and Public Health*. https://doi.org/10.3390/ijerph182413103

19. LaRon E. Nelson, Laura Nyblade, Kwasi Torpey, Carmen H. Logie, Han-Zhu Qian, Adom Manu, Emma Gyamerah, Francis Boakye, **Patrick Appiah**, DeAnne Turner, Melissa Stockton, Gamji M. Abubakari, David Vlahov (2021). Multi-level intersectional stigma reduction intervention to increase HIV testing among men who have sex with men in Ghana: Protocol for a cluster randomized controlled trial. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0259324

20. Ebenezer Narh Odonkor, Willie K. Ofosu, **Patrick Appiah**, Daniel Kubawe (2020). Design and Implementation of an Intelligent Gas Cylinder Valve Regulating System using Solenoid. *International Journal of Computer Science Engineering and Applications*. https://doi.org/10.5121/ijcsea.2020.10402
21. **PG Appiah** (2020). Exploring the lived experiences of leadership practices of senior high school heads in Cape Coast Metropolis, Ghana. *Unpublished doctoral dissertation, University of Cape Coast, Ghana*. https://ir.ucc.edu.gh/server/api/core/bitstreams/6aa26db5-daa7-497d-8651-607f521e9978/content
22. Gamji M'Rabiu Abubakari, LaRon E. Nelson, Adedotun Ogunbajo, Francis Boakye, **Patrick Appiah**, Apondi Odhiambo, Ting Sa, Nanhua Zhang, Ironyah Ngozi, Adjei Scott, Geoffrey Maina, Abubakar Manu, Kwasi Torpey (2020). Implementation and evaluation of a culturally grounded group-based HIV prevention programme for men who have sex with men in Ghana. *Global Public Health*. https://doi.org/10.1080/17441692.2020.1832555
23. D Awunyo-Vitor, **P Appiah** (2014). An Assessment of Performance Appraisal System in Savings and Loans Companies in Ghana: Evidence from Kumasi Metropolis. *Çankırı Karatekin University Journal of the Faculty of Economics & Administrative Sciences*. https://openurl.ebsco.com/contentitem/gcd:101431538?sid=ebsco:plink:crawler-gcd&id=ebsco:gcd:101431538&crl=c&jrnl=13085549
24. **P Appiah** (2014). Assessing the effects of inventory control management in mining companies in Ghana. *Unpublished undergraduate project work, KNU ST, Ghana*. https://scholar.google.com/scholar?cluster=14912707304140171832&hl=en&oi=scholarr
25. **Patrick Appiah** (2014). Tasarruf ve Kredi Şirketlerinde Performans Değerlendirmesi Analizi: Kumasi Metropolü Örneği. *Çankırı Karatekin Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi*. https://dergipark.org.tr/en/pub/ckuiibfd/article/365527
26. **P Appiah**, EK Tham-Agyekum, F Nimoh (2011). Awareness and knowledge level of swine flu among pig farmers in the Ashanti region of Ghana. *International Journal of Pure and Applied Sciences and Technology*. https://www.academia.edu/download/80562709/download.pdf
27. **P Appiah**, F Nimoh, EK Tham-Agyekum (2011). Rabbit technologies: adoption studies in the Ashanti region of Ghana. *African Journal of Agricultural Research*. https://www.academia.edu/download/76478103/article1380964039_Appiah_20et_20al.pdf
28. Enoch Kwame Tham-Agyekum, **Patrick Appiah**, Fred Nimoh (2010). Assessing Farm Record Keeping Behaviour among Small-Scale Poultry Farmers in the Ga East Municipality. *Journal of Agricultural Science*. https://doi.org/10.5539/jas.v2n4p52
29. P. Gyawu, J.D. Kabuga, K. Asare, P.K. Karikari, **P. Appiah**, F.A. Kwarteng, P.K. Awunyo (1993). Oestrous response of trypanotolerant N'Dama cows after treatment with prostaglandin F2α analogue (cloprostenol) in the humid forest zone of Ghana. *Animal Reproduction Science*. https://doi.org/10.1016/0378-4320(93)90001-8
30. J. D. Kabuga, **P. Appiah** (1992). A note on the ease of handling and flight distance of Bos indicus, Bos taurus and their crossbreds. *Animal Science*. https://doi.org/10.1017/s0003356100036953
31. J.D. Kabuga, P. Gyawu, K. Asare, P.K. Karikari, **P. Appiah**, K. Awunyo, F.A. Kwarteng (1992). Social behaviour at and around oestrus of N'dama cows treated with prostaglandin F2α analogue, Cloprostenol. *Applied Animal Behaviour Science*. https://doi.org/10.1016/0168-1591(92)90001-r

Conference papers 1

1. **Patrick Appiah** (2023). Tackling health facility intersectional stigma faced by men who have same-gender sex in Ghana: early results from a randomized control trial. *Journal of the International AIDS Society*. https://scholar.google.com/scholar?cluster=6619887835380174535&hl=en&oi=scholarr

Theses 1

1. **P Appiah** (2003). Professional and technical competencies needed by Agricultural Extention Agents in the Western and Ashanti Region of Ghana. *University of Cape Coast*. https://ir.ucc.edu.gh/items/e154c57d-0bfc-4236-936d-05151c497761