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RESEARCH

Interests	Teacher Education · Economics Education
Areas	Education · Information Systems · Gender Studies · Public Health, Environmental and Occupational Health · Safety Research · Social Psychology

RESEARCH SUMMARY

45	575	12	13	4.47	41%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 45 publications listed below, 2007–2026. Field-weighted impact is the mean over the 32 works scored for it; 1.00 is the world average for works of the same field, type and year. 13 of the 32 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer
Institute of Education, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 42

1. Valentina Arkorful, Francis Arthur, **Ernest Opoku**, Ayishatu Ameen, Iddrisu Salifu, Sharon Abam Nortey, Solomon Adjatey Tetteh (2026). AI literacy among basic school teachers in Ghana: A structural equation modelling analysis. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0347117
2. Francis Arthur, Eric Boateng, **Ernest Opoku**, Francis Obeng Gyedu, Stanley Asare-Bediako, Emmanuel Quayson, Iddrisu Salifu, Emmanuel Rungson Attom, Sharon Abam Nortey (2026). Exploring Artificial Intelligence Anxiety Among Basic School Teachers in Ghana. *SAGE Open*. https://doi.org/10.1177/21582440251410713
3. Francis Obeng Gyedu, Peter Anti Partey, Francis Arthur, **Ernest Opoku** (2026). Gender, teaching experience, and ICT integration self-efficacy in economics classrooms: evidence from Ghanaian senior high schools. *Frontiers in Education*. https://doi.org/10.3389/feduc.2026.1838740
4. Bernard Yaw Sekyi Acquah, Francis Arthur, Peter Anti Partey, Emmanuel Quayson, Francis Obeng Gyedu, Silas Afutu Quaye, Dominic Winston Kaku, **Ernest Opoku**, Francis Mensah, Dorcas Frempong, Sharon Abam Nortey (2026). Predictors of continuous use intention of information communication technology among economics teachers in Ghana: a multi-analytical approach. *SN Social Sciences*. https://doi.org/10.1007/s43545-026-01450-4
5. Sharon Abam Nortey, Francis Arthur, Iddrisu Salifu, **Ernest Opoku**, Ibrahim Osumanu, Enoch Mensah Junior, Kyei Anane Ampofo, Dominic Owusu, Eric Boateng (2026). Psychological Capital, Subjective Well-Being and Professional Commitment Among Teachers: A Behavioural Mediation Model. *MultiPsych*. https://doi.org/10.1002/mps2.70015
6. Eric Anane, Roger Abogzuah Ayinselya, Esinam Ami Avornyo, Christopher Yaw Kwaah, **Ernest Opoku** (2026). Teachers experiences of implementing the standards based curriculum in Ghanaian basic schools. *Discover Education*. https://doi.org/10.1007/s44217-026-01727-z

7. Francis Arthur, **Ernest Opoku**, Christian Inkoom, Sheriff Dangimah Suradji, Mark Inkoom (2026). Where There Is Will, There Is AI : Linking Expectancy-Value Beliefs, Generative AI Use and Self-Regulated Learning Among Economics Students. *European Journal of Education*. https://doi.org/10.1111/ejed.70743
8. **Ernest Opoku**, Emmanuel Quayson, Francis Arthur, Iddrisu Salifu, Stanley Asare-Bediako, Emmanuel Rungson Attom, Eric Boateng, Sharon Abam Nortey (2025). Digital citizenship among economics students: the synergy of internet political activism, technical skills, critical perspective and networking agency. *Discover Education*. https://doi.org/10.1007/s44217-025-00620-5
9. Iddrisu Salifu, Francis Arthur, Bernard Yaw Sekyi Acquah, **Ernest Opoku**, Sharon Abam Nortey, Eric Boateng (2025). Exploring graduate students' use of generative artificial intelligence in Ghana: insights from an extended UTAUT2 model, PLS-SEM, IPMA and fsQCA. *Discover Education*. https://doi.org/10.1007/s44217-025-00603-6
10. Iddrisu Salifu, Francis Arthur, **Ernest Opoku**, Emmanuel Quayson, Eric Boateng, Emmanuel Rungson Attom, Stanley Asare-Bediako, Sharon Abam Nortey (2025). Gender disparities in digital citizenship: Insights from economics students in higher education. *Social Sciences & Humanities Open*. https://doi.org/10.1016/j.ssaho.2025.102233
11. Bernard Yaw Sekyi Acquah, Francis Arthur, Iddrisu Salifu, Enoch Mensah, **Ernest Opoku**, Sharon Abam Nortey, Solomon Adjatey Tetteh (2025). Modelling economics students' use of ChatGPT and academic performance: insights from self-determination theory and epistemic curiosity. *Discover Artificial Intelligence*. https://doi.org/10.1007/s44163-025-00373-y
12. **Ernest Opoku**, Dominic Owusu, Francis Arthur, Iddrisu Salifu, Emmanuel Quayson, Eric Boateng, Francis Obeng Gyedu, Stanley Asare-Bediako, Emmanuel Rungson Attom, Solomon Adjatey Tetteh, Sharon Abam Nortey, Ayishatu Ameen (2025). Profiling students' multiple intelligences approach in the learning of economics in a Ghanaian University. *Discover Education*. https://doi.org/10.1007/s44217-025-00571-x
13. **Ernest Opoku**, Dacoster Kwaku Boakye, Christina Dzirasah, Alexander Opoku-Danso (2024). Examining the Quality of Learning Environment of Sandwich Programmes in Ghana: A Case of Institute of Education. *African Journal of Empirical Research*. https://doi.org/10.51867/ajernet.5.2.29
14. **Ernest Opoku**, Emmanuel Manu Agyapong, Christiana Dzirasah (2024). Factors Responsible for Pupils' Low Academic Performance in Abura-Asebu-Kwamankese District, Ghana. *EAST AFRICAN JOURNAL OF EDUCATION AND SOCIAL SCIENCES*. https://doi.org/10.46606/eajess2024v05i01.0351
15. Daniel Odoom, Christopher Dick-Sagoe, **Ernest Opoku**, Joseph Obeng-Baah (2024). Participatory communication in the provision of development services in the Ghanaian decentralised government system: evidence from the Central Region. *Discover Sustainability*. https://doi.org/10.1007/s43621-024-00336-w
16. **Ernest Opoku**, Guoyuan Sang, Christiana Dzirasah, Francis Adams (2024). Understanding Pre-Service Teachers' Identity Formation During Practicum: A Survey Study in Ghana. *Africa Education Review*. https://doi.org/10.1080/18146627.2024.2402778
17. Daniel Odoom, Eric Opoku Mensah, Christopher Dick-Sagoe, Ka Yiu Lee, **Ernest Opoku**, Joseph Obeng-Baah (2023). Examining the level of public awareness on the Sustainable Development Goals in Africa: An empirical evidence from Ghana. *Environment Development and Sustainability*. https://doi.org/10.1007/s10668-023-02959-x
18. **Ernest Opoku** (2023). Perceived Effects of Beginning Economics Teachers' Personality on the Students' Learning of Economics in Ghana. *INTERNATIONAL JOURNAL OF PEDAGOGY, POLICY AND ICT IN EDUCATION*.
19. **Ernest Opoku** (2023). Pre-Service Teachers' Perceptions of Identity Formation in Ghana. *African Journal of Empirical Research*. https://doi.org/10.51867/ajernet.4.2.110
20. Kennedy Acheampong*, **Ernest Opoku**, Edi Suryadi, Theodore Oduro -Okyireh (2023). The Correlates of Financial Dollarization in Ghana. *Jurnal Ilmu Keuangan dan Perbankan (JIKA)*. https://doi.org/10.34010/jika.v12i2.9819
21. **Ernest Opoku** (2022). Pre-service teachers' perspectives on the use of information and communication technology: A case study of Berekum College of education. *International Journal of Educational Research*

and Studies.

22. Christine Adu-Yeboah, Christopher Yaw Kwaah, Roger Abogzuah Ayinselya, **Ernest Opoku** (2022). Students' Career Aspirations and Pedagogical Experiences in Ghanaian Universities. *Journal of Educational Development and Practice*. https://doi.org/10.47963/jedp.v6i.1468
23. **Ernest Opoku** (2022). What Makes Quality Teaching? Review of Related Literature. *International Journal of Social Science and Humanities Research*. https://www.academia.edu/download/110919182/What_Makes_Quality_Teaching-01062022-1.pdf
24. Daniel Odoom, Lawrencia Agyepong, Francis Kojo Mensah, **Ernest Opoku**, Yaw Owusu Amoabeng (2021). Challenges associated with the delivery of development projects within the decentralised government system: views of selected stakeholders in the Shama District, Ghana. *Journal of Development and Communication Studies*. https://doi.org/10.4314/jdcs.v8i2.3
25. **Ernest Opoku** (2021). Learning experiences of foreign students in a Chinese university: the perception of international students of Beijing Institute of Fashion and Technology (BIFT). *INTERNATIONAL JOURNAL FOR INNOVATIVE RESEARCH IN MULTIDISCIPLINARY FIELD*.
26. Daniel Odoom, **Ernest Opoku**, Edward Gyamfi (2020). Ballot Paper Wastage in Elections in Ghana: Reflections of Electoral Commission Officers and Voters in the Jaman South District. *International Journal of Technology and Management Research*. https://doi.org/10.47127/ijtmr.v1i4.34
27. Eric Atta Quainoo, Frank Quansah, Francis Adams, **Ernest Opoku** (2020). Comparative Review of Educational Reforms, Policies, and Systems: A case of China and Ghana.
28. **Ernest Opoku** (2020). Examining teacher preparation and on-the-job experience: The gap of theory and practice. *International Journal of Research*. https://www.researchgate.net/profile/Ernest-Opoku-3/publication/342704667_Examining_teacher_preparation_and_on-the-job_experience_The_gap_of_theory_and_practice/links/5f030b43299bf1881603ab79/Examining-teacher-preparation-and-on-the-job-experience-The-gap-of-theory-and-practice.pdf
29. Richard O Phillips, Jérôme Robert, Kabiru Mohamed Abass, William Thompson, Fred Stephen Sarfo, Tuah Wilson, Godfred Sarpong, Thierry Gateau, Annick Chauty, Raymond Omollo, … **Ernest Opoku** and 59 others (2020). Rifampicin and clarithromycin (extended release) versus rifampicin and streptomycin for limited Buruli ulcer lesions: a randomised, open-label, non-inferiority phase 3 trial. *The Lancet*. https://doi.org/10.1016/s0140-6736(20)30047-7
30. **Ernest Opoku** (2018). Appreciating the Challenge of Community Participation in Ngoled Development Interventions: An Analysis of Some Existing Literature. *International Journal in Management and Social Science*. https://indianjournals.com/article/ijmss-6-10-003
31. Daniel Odoom, Francis Kojo Mensah, **Ernest Opoku**, Yaw Owusu Amoabeng (2018). Sustaining Development Projects within the Local Government System in Ghana: Exploring the Views of Local Authorities and Other Stakeholders in Shama District. *International Journal of Innovative Research and Development*. https://doi.org/10.24940/ijird/2018/v7/i12/dec18011
32. **Ernest Opoku** (2017). Exploring the staff development challenges and strategies at Agogo College of Education, Ghana. *International Journal Of Innovative Research & Development*. https://www.researchgate.net/profile/Daniel-Odoom/publication/334459250_Exploring_the_Staff_Development_Challenges_and_Strategies_at_Agogo_College_of_Education_Ghana/links/5d2c50c6299bf1547cb7e2eb/Exploring-the-Staff-Development-Challenges-and-Strategies-at-Agogo-College-of-Education-Ghana.pdf
33. **Ernest Opoku** (2017). Participation of Women in Local Level Elections in the Afigya-Kwabre District of Ghana: Can this be a better example? *International Journal of Innovative Research and Development*. https://www.researchgate.net/profile/Daniel-Odoom/publication/334465499_Participation_of_Women_in_Local_Level_Elections_in_the_Afigya-Kwabre_District_of_Ghana_Can_this_be_a_Better_Example/links/5d2c7504458515c11c31adc8/Participation-of-Women-in-Local-Level-Elections-in-the-Afigya-Kwabre-District-of-Ghana-Can-this-be-a-Better-Example.pdf
34. **Ernest Opoku** (2016). Staff development needs at the Colleges of Education in Ghana: Evidence from the Agogo College. *International Journal of Innovative Research and Development*. https://

www.researchgate.net/profile/Daniel-Odoom/publication/334465905_Staff_Development_Needs_at_the_Colleges_of_Education_in_Ghana_Evidence_from_the_Agogo_College/links/5d2c8771a6fdcc2462e13b3f/Staff-Development-Needs-at-the-Colleges-of-Education-in-Ghana-Evidence-from-the-Agogo-College.pdf

35. **Ernest Opoku** (2016). Teacher motivation and performance: The case of some selected Early Childhood Care and Education Centres in the Cape Coast Metropolis of Ghana. *International Journal of Innovative Research and Development*. https://www.researchgate.net/profile/Daniel-Odoom/publication/334465913_Teacher_Motivation_and_Performance_The_Case_of_Some_Selected_Early_Childhood_Care_and_Education_Centres_in_the_Cape_Coast_Metropolis_of_Ghana/links/5d2c88c0458515c11c31b5d9/Teacher-Motivation-and-Performance-The-Case-of-Some-Selected-Early-Childhood-Care-and-Education-Centres-in-the-Cape-Coast-Metropolis-of-Ghana.pdf
36. **E Opoku** (2015). Ballot paper wastage in elections in Ghana: reflections of Electoral Commission Officers and Voters in the Jaman South District. *International Journal of Technology and Management Research*.
37. Kathrin Schuldt, Jennifer Evans, Julia Lenzen, Christa Ehmen, Birgit Muntau, Jurgen Sievertsen, Yeetey Enuameh, Kingsley Osei-Kwakye, **Ernest Cudjoe Opoku**, Edmund NL Browne, Rolf Horstmann, Christian Timmann (2014). Disentangling malaria anaemia. *Malaria Journal*. https://doi.org/10.1186/1475-2875-13-s1-o21
38. Mary N. A. Brantuo, Elizabeth Cristofalo, Mira M. Meheš, Juliana Ameh, Nana Okai Brako, Frederick Boahene, Stella B. Adjei, **Ernest Opoku**, Harriet Banda, Yu T. Wang and 15 others (2014). Evidence-based training and mentorship combined with enhanced outcomes surveillance to address the leading causes of neonatal mortality at the district hospital level in G hana. *Tropical Medicine & International Health*. https://doi.org/10.1111/tmi.12270
39. P. A. Afulani, J. K. Awoonor-Williams, **E. C. Opoku**, J. Asunka (2012). Using community health workers in community-based growth promotion: what stakeholders think. *Health Education Research*. https://doi.org/10.1093/her/cys083
40. R. Kobbe, C. Kreuzberg, S. Adjei, B. Thompson, I. Langefeld, P. A. Thompson, H. H. Abruquah, B. Kreuels, M. Ayim, W. Busch, F. Marks, K. Amoah, **E. Opoku**, C. G. Meyer, O. Adjei, J. May (2007). A Randomized Controlled Trial of Extended Intermittent Preventive Antimalarial Treatment in Infants. *Clinical Infectious Diseases*. https://doi.org/10.1086/518575
41. Christian Timmann, Jennifer A Evans, Inke R König, André Kleensang, Franz Rüschendorf, Julia Lenzen, Jürgen Sievertsen, Christian Becker, Yeetey Enuameh, Kingsley Osei Kwakye, **Ernest Opoku**, Edmund N. L Browne, Andreas Ziegler, Peter Nürnberg, Rolf D Horstmann (2007). Genome-Wide Linkage Analysis of Malaria Infection Intensity and Mild Disease. *PLoS Genetics*. https://doi.org/10.1371/journal.pgen.0030048
42. Robin Kobbe, Samuel Adjei, Christina Kreuzberg, Benno Kreuels, Benedicta Thompson, Peter A Thompson, Florian Marks, Wibke Busch, Meral Tosun, Nadine Schreiber, **Ernest Opoku**, Ohene Adjei, Christian G Meyer, Juergen May (2007). Malaria incidence and efficacy of intermittent preventive treatment in infants (IPTi). *Malaria Journal*. https://doi.org/10.1186/1475-2875-6-163

Book chapters 1

1. Francis Arthur, **Ernest Opoku**, Francis Obeng Gyedu, Silas Afutu Quaye, Emmanuel Quayson, Eric Boateng, Sharon Abam Nortey, Dorcas Frempong (2026). Integrating AI Literacy Into Higher Education Curricula. *Advances in computational intelligence and robotics book series*. https://doi.org/10.4018/979-8-3373-7902-9.ch004

Reports 2

1. **Ernest Opoku**, Emmanuel Ofori (2015). SANDWICH STUDENTS'ATTITUDE TOWARDS THE SANDWICH PROGRAMME. *University of Cape Coast*. https://ir.ucc.edu.gh/server/api/core/bitstreams/1aeecc9c-2e62-4be7-84b1-070ae509b960/content
2. **Ernest Opoku** (2014). Local revenue mobilization mechanisms: evidence from the Abura-Asebu-Kwamankese District in Ghana. *Developing Country Studies*. https://www.academia.edu/download/86811524/19092.pdf