Kofi Ayebi-Arthur

Associate Professor · Mathematics & ICT Education
University of Cape Coast

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RESEARCH

Interests: Computer science · e-learning · ICT in Education

Areas: Education · Cultural Studies · Gender Studies · Information Systems · Clinical Psychology · Computer Science Applications

RESEARCH SUMMARY

37	411	7	4	1.39	18%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 37 publications listed below, 2009–2025. Field-weighted impact is the mean over the 11 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 11 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Professor/Dean 2006–present
Maths & ICT Education, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD Education 2012–2016
School of Educational Studies and Leadership, University of Canterbury College of Education, Christchurch, New Zealand

MEng Computer Science and Technology 2003–2006
School of Compter Science, Hunan University, Changsha, China

Master of Education in Management 2002–2014
Institute of Education, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 32

1. Florence C. Awoniyi, Joshua Kai Dossey, **Kofi Ayebi-Arthur** (2025). Exploring the attitudes of senior high school home economics students towards mathematics in the Cape Coast Metropolis. *Research in Mathematics Education*. https://doi.org/10.1080/14794802.2025.2494239
2. Joshua Kai Dossey, **Kofi Ayebi-Arthur**, Florence C. Awoniyi (2024). Uncovering relevant mathematics topics for home economics: Senior high school students' views in Cape Coast, Ghana. *Social Sciences & Humanities Open*. https://doi.org/10.1016/j.ssaho.2024.101241
3. **Kofi Ayebi-Arthur**, Daniel Paa Korsah, Issah Bala Abudulai, Beatrice Birago, Victoria Maame Boafowaa (2023). Basic school teachers' attitude and confidence level in teaching the computing common-core programme curriculum in Ghana. *Ghana Journal of Education Issues and Practice (GJE)*. https://doi.org/10.47963/gje91503
4. **Kofi Ayebi-Arthur**, Kwaku Anhwere Barfi, Valentina Arkorful, Theophilus Ocran, Nyinaku Odoi Baffour (2023). Leveraging computer technologies and instructional approaches to facilitate learning. *Education*

and Information Technologies. https://doi.org/10.1007/s10639-023-11963-7

5. **Kofi Ayebi-Arthur**, V Arhin, DB Aidoo (2021). An investigation into cyberloafing among student-workers. *Journal of Science and Technology*. https://journal.knust.edu.gh/index.php/just/article/view/1238
6. Ivy Kesewaa Nkrumah, Millan Ahema Tawiah, **Kofi Ayebi Arthur**, Lebbaeus Asamani, Ebenezer Takyi-Wadieh (2021). COVID-19 Virulence: Hinderances to Observing the Preventive Measures. *Mediterranean Journal of Social & Behavioral Research*. https://doi.org/10.30935/mjosbr/11293
7. **Ayebi-Arthur** (2021). Hinderances to observing the preventive measures. *Mediterranean Journal of Social & Behavioral Research*. https://www.mjosbr.com/article/covid-19-virulence-hinderances-to-observing-the-preventive-measures-11293
8. **Kofi Ayebi-Arthur**, Issah Bala Abdulai, Daniel Paa Korsah (2020). Basic school teachers' attitude and confidence level in teaching the new standards-based computing curriculum in Ghana. *Ghana Journal of Education Issues and Practice (GJE)*. https://doi.org/10.47963/gje.v6i.523
9. **Kofi Ayebi-Arthur**, Kofi Acheaw Owusu (2020). Using audience response system in a third world country: The good, bad and ugly. *E-Learning and Digital Media*. https://doi.org/10.1177/2042753020935551
10. **Ayebi-Arthur** (2020). Web based learning Modalities for Distance Learning Success: A comparison of 4 universities. *Global Scientific Journals*.
11. **Kofi Ayebi-Arthur** (2019). Effects of Computer Assisted Instruction in Integrated Science: A focus on Distance Education Students in Ghana. *International Journal of Education*.
12. Christopher Yarkwah, CY Kwaah, C Beccles, **Kofi Ayebi-Arthur** (2019). Motivation to become a teacher among preservice teachers in colleges of education in Ghana. *Bangladesh Education Journal*. https://www.researchgate.net/profile/Ernest-Davis/publication/344035050_Motivation_to_Become_a_Teacher_among_Preservice_Teachers_in_Colleges_of_Education_in_Ghana/links/5f4e8341a6fdcc9879c0045f/Motivation-to-Become-a-Teacher-among-Preservice-Teachers-in-Colleges-of-Education-in-Ghana.pdf
13. **K. Ayebi-Arthur** (2018). Catching the Technology Wave: Educational Benefits of Databases. *International Journal of Advancement in Research & Technology*.
14. **Kofi AYEBI-ARTHUR** (2017). E-learning and Emergency management in tertiary educational settings-The case of University of Canterbury. *Asian Journal of Distance Education*. https://www.learntechlib.org/p/185254/
15. **Kofi Ayebi-Arthur** (2017). E-learning, resilience and change in higher education: Helping a university cope after a natural disaster. *E-Learning and Digital Media*. https://doi.org/10.1177/2042753017751712
16. **Kofi Ayebi-Arthur** (2017). Social media and e-learning in response to seismic events: Resilient practices. *Journal of Open Flexible and Distance Learning*. https://doi.org/10.3316/informit.957379139977510
17. **K. Ayebi-Arthur** (2017). Working smarter or working harder: Dilemma of the technology enhanced educator at University of Cape Coast. *Journal of the Science and Mathematics Education*.
18. **Kofi Ayebi-Arthur**, Kofi Acheaw Owusu (2015). Pre-service teachers' attitudes towards information communication technology. *Ghana Journal of Education Issues and Practice (GJE)*. https://doi.org/10.47963/gje.v1i.471
19. **Kofi Ayebi-Arthur** (2015). Resilience, e-learning and change in tertiary education. *Human Ethics Committee*. https://ir.canterbury.ac.nz/server/api/core/bitstreams/2a64c508-10ed-46e3-904d-8eab5e1835dd/content
20. **Kofi Ayebi-Arthur** (2013). Email policy for tertiary institutions–A study of University of Cape Coast. *International Journal of Computing Academic Research*. https://www.academia.edu/download/96295369/30.pdf
21. **Kofi Ayebi-Arthur** (2013). Internet Presence: A case for web 2.0 technology in the University of Cape Coast. *International Journal of Computing Academic Research*. https://www.academia.edu/download/80353071/13.pdf
22. **Kofi Ayebi-Arthur** (2013). The management of web presence for tertiary institutions in Ghana: The case of University of Cape Coast. *International Journal of Research Studies in Computing*. https://doi.org/10.5861/ijrsc.2013.517

23. Dora Baaba Aidoo, Francis Xavier Kofi Akotoye, **Kofi Ayebi-Arthur** (2012). "Academic 419": locating computer crimes in the use of ICT for the management of educational systems in Ghana- the case of University of Cape Coast. *Journal of Educational Management*. https://doi.org/10.47963/jem.v6i.403
24. **Kofi Ayebi-Arthur** (2012). Exploring Doppelganger Domains–A study of University of Cape Coast. *Journal of the Science and Mathematics Education*.
25. **Kofi Ayebi-Arthur**, BA Dora, SK Aheto (2012). Including the digital divas: female representation in ICT programs at the University of Cape Coast. *Int J Res Stud Comput*. https://www.academia.edu/download/31127530/99.pdf
26. **Kofi Ayebi-Arthur**, EY Tenkorang (2011). ICT Integration in Teacher Education--A Study of University of Education, Winneba. *Journal of Science and Mathematics Education*. https://eric.ed.gov/?id=ED538533
27. **Kofi Ayebi-Arthur** (2011). Interest in ICT Studies and Careers: Perspectives of Senior High School Female Students in Three Districts in the Central Region of Ghana. *Ghana Journal of Education and Teaching*. https://eric.ed.gov/?id=ED538264
28. **Kofi Ayebi-Arthur** (2010). Attitudes and performance of students in ICT in the University of Cape Coast. *International Journal of Basic Education*.
29. **K. Ayebi-Arthur** (2010). Distortion analysis of the sub-band coder. *Journal of Ghana Institute of Engineers*.
30. **Kofi Ayebi-Arthur**, DB Aidoo (2009). A Study on the Use of the Internet in Senior High Schools in the Cape Coast Metropolis of Ghana. *Ghana Journal of Education and Teaching*. https://eric.ed.gov/?id=ED538265
31. C Beccles, **K. Ayebi-Arthur** (2009). Improving the quality of science instruction in primary schools in Cape Coast. *Journal of Science and Mathematics Education*. https://scholar.google.com/scholar?cluster=16397120736910869899&hl=en&oi=scholarr
32. **Kofi Ayebi-Arthur**, DB Aidoo, EK Ntim, EY Tenkorang (2009). Integrating ICT in Higher Education: A Case Study of Students With Visual Impairment in the University of Cape Coast, Ghana. *Ghana International Journal of Mathematics, Science and Computing Education*. https://www.academia.edu/download/39198828/Integrating_ICT._Ayebi_et_al._pp53-65.pdf

Conference papers 4

1. **K. Ayebi-Arthur** (2015). E-learning, resilience and change in higher education: A case study of a College of Business and Law. *ascilite2015 Conference at Curtin University, Perth*. https://scholar.google.com/scholar?cluster=15093510507945227090&hl=en&oi=scholarr
2. **K. Ayebi-Arthur** (2015). E-learning, resilience and change in higher education: A case study of a College of Education. *The NZARE Annual Conference at Te Whare Wānanga o Awanuiārangi*.
3. **Kofi. Ayebi-Arthur** (2015). E-learning: A tool for increasing the presence of University of Cape Coast in the global tertiary education sector. *Education as a tool for global development: Proceedings of the 1st Interdisciplinary Conference of UCC-TASUED*.
4. **Kofi Ayebi-Arthur** (2014). Evolving resilience through e-Learning: An emerging case study of change in initial teacher education programmes as a result of seismic events. Paper presented at the SITE …. *Future focussed teacher education: Proceedings of the SITE International Symposium*. https://www.academia.edu/download/96295372/12661113_SITE_202014.pdf

Reports 1

1. **Kofi Ayebi-Arthur** (2016). Growing resilience with social media and e-learning: The case of the University of Canterbury. *University of Waikato*. https://www.researchbank.ac.nz/items/fa44f9e3-1631-4e93-bdbc-df5322210f70