Japhet Kwasi Osiakwan

Lecturer · Mathematics & ICT Education
University of Cape Coast

ORCID 0009-0003-9919-4158 · Google Scholar scholar.google.com/citations?user=okKCDf4AAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/12163740-650c-44e3-b139-7417fc158f3c

RESEARCH

Interests	Assessment · Teacher Education · Classroom Discourse · Technology Integration · Mixed Methods
Areas	Education · Statistics and Probability · Developmental and Educational Psychology · Experimental and Cognitive Psychology · Gender Studies · Information Systems

RESEARCH SUMMARY

9	18	3	0	7.66	43%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 9 publications listed below, 2014–2026. Field-weighted impact is the mean over the 7 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 7 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 8

1. Isaac Benning, George Adom, Douglas Darko Agyei, **Japhet Kwasi Osiakwan**, Helena Naa Korkor Tetteh, Forster D. Ntow (2026). A multivariate and structural modelling analysis of teacher readiness and adoption of the TM1 laptop computer for classroom use. *Discover Education*. https://doi.org/10.1007/s44217-026-01698-1
2. **Japhet Kwasi Osiakwan**, Forster D. Ntow, Ernest Kofi Davis (2026). Influence of preservice teacher education on mathematics teaching efficiency of beginning teachers. *Teaching and Teacher Education*. https://doi.org/10.1016/j.tate.2026.105644
3. **Japhet Kwasi Osiakwan**, John Kodwo Appiah, Mavis Okyere, Isaac Benning (2026). Preservice Mathematics Teachers' Understanding of Quadrilateral Properties and Hierarchical Relationships. *Journal of Education and Learning*. https://doi.org/10.5539/jel.v15n6p151
4. Daniel Gbormittah, Christopher Yarkwah, **Japhet Kwasi Osiakwan**, George Adom (2025). Culturally responsive pedagogy model integration in mathematics education: Perceptions and practices among Ghanaian teachers. *Social Sciences & Humanities Open*. https://doi.org/10.1016/j.ssaho.2025.102036
5. **Osiakwan Japhet Kwesi**, Mavis Okyere, Might Kojo Abreh (2025). Generalist and Specialist Teachers for Mathematics Teaching: How Well Do They Meet the Needs of the Workforce. *African Journal of Educational Studies in Mathematics and Sciences*. https://doi.org/10.4314/ajesms.v21i1.2
6. Might Kojo Abreh, Mavis Okyere, **Japhet Osiakwan**, George Adom (2025). Navigating the Use and Misuse of Likert Scales in Counseling and Development Research. *Measurement and Evaluation in Counseling and Development*. https://doi.org/10.1080/07481756.2025.2499964
7. Daniel Gbormittah, Daniel Paa Korsah, **Japhet Kwasi Osiakwan**, George Adom (2024). Perceived attitude of preservice teachers towards the integration of technology in teaching and learning college geometry: cases of two selected colleges of education in Ghana. *Discover Education*. https://doi.org/10.1007/s44217-024-00149-z
8. **JAPHET KWASI OSIAKWAN** (2014). Relationship between Teachers' Knowledge for Teaching and Students' Achievement in Algebra in some Selected Senior High Schools in Ghana. *Elixir International*

Journal.

Theses 1

1. **Japhet Kwasi Osiakwan** (2022). Influence Of The Diploma In Basic Education Programme Run By Colleges Of Education On Beginning Teachers' Teaching Efficiency In Matematics. *University of Cape Coast*. https://ir.ucc.edu.gh/items/62ef92bf-ca75-4799-b291-98e21d64dccd