Valentina Arkorful

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RESEARCH

Interests	Educational technology · Elearning in ODL · Mobile learning · computers in education
Areas	Education · Information Systems and Management · Computer Science Applications · Information Systems · Communication · Sociology and Political Science

RESEARCH SUMMARY

37	3,669	15	18	9.56	64%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 37 publications listed below, 2014–2026. Field-weighted impact is the mean over the 28 works scored for it; 1.00 is the world average for works of the same field, type and year. 18 of the 28 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

SENIOR LECTURER 2021–present
COLLEGE OF DISTANCE EDUCATION, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD 2013–2017
COLLEGE OF DISTANCE EDUCATION, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 36

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. **Valentina Arkorful**, SPK Aheto (2025). Assessing the Computer Literacy Level of Distance Education Students in Ghana. *Ghana Library Journal*. https://www.ajol.info/index.php/glj/article/view/300288/282313
3. **Valentina Arkorful**, Francis Arthur, Eric Boateng, Monica Ofosu-Koranteng, Iddrisu Salifu, Emmanuel Rungson Attom, Solomon Adjatey Tetteh, Emmanuel Quayson, Stanley Asare-Bediako, Sharon Abam Nortey (2025). Exploring artificial intelligence literacy among basic school teachers in Ghana. *Discover Education*. https://doi.org/10.1007/s44217-025-00630-3
4. Monica Ofosu-Koranteng, Francis Arthur, Iddrisu Salifu, Emmanuel Quayson, Eric Boateng, **Valentina Arkorful**, Stanley Asare-Bediako, Emmanuel Rungson Attom (2025). Gender-driven variations in digital competence among economics students in a Ghanaian higher education institution. *Educational Media International*. https://doi.org/10.1080/09523987.2025.2506131
5. Simon-PeterKafui Aheto, Joseph Kwame Sasu, **Valentina Arkorful** (2025). Lived Experiences: Educators' Perspectives in Assessment Within an Online Distance Education Nursing Programme. *SAGE Open*. https://doi.org/10.1177/21582440251340450
6. Osman Imoro, Kwaku Anhwere Barfi, **Valentina Arkorful**, Nyinaku Odoi Baffour, Justice Kofi Armah,

Beatrice Arthur (2025). Students' Satisfaction with E-Library Services: Perspectives of Postgraduate Distance Education Students. *New Review of Academic Librarianship*. https://doi.org/10.1080/13614533.2025.2491341

7. Iddrisu Salifu, Francis Arthur, **Valentina Arkorful**, Sharon Abam Nortey, Richard Solomon Osei-Yaw (2024). Economics students' behavioural intention and usage of ChatGPT in higher education: a hybrid structural equation modelling-artificial neural network approach. *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2023.2300177
8. **Valentina Arkorful**, Iddrisu Salifu, Francis Arthur, Sharon Abam Nortey (2024). Exploring the nexus between digital competencies and digital citizenship of higher education students: a PLS-SEM approach. *Cogent Education*. https://doi.org/10.1080/2331186x.2024.2326722
9. Brandford Bervell, Paul Nyagorme, Justice K. Armah, Emmanuel Arthur-Nyarko, **Valentina Arkorful**, Benjamin Eduafo Arthur (2024). Modeling the Determinants of Students' Satisfaction and Continuance-Intention Toward a Mathematics and Science Distance Education Program. *SAGE Open*. https://doi.org/10.1177/21582440241234743
10. Kwaku Anhwere Barfi, Osman Imoro, **Valentina Arkorful**, Justice Kofi Armah (2023). Acceptance of e-library and support services for distance education students: Modelling their initial perspectives. *Information Development*. https://doi.org/10.1177/02666669221150426
11. Francis Arthur, **Valentina Arkorful**, Iddrisu Salifu, Sharon Abam Nortey (2023). Digital paradigm shift: Unraveling students' intentions to embrace Tablet-based Learning through an extended UTAUT2 model. *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2023.2277340
12. 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
13. Kwaku Anhwere Barfi, **Valentina Arkorful**, Francisca Appiah, Emmanuel Manu Agyapong, Ebenezer Acheampong (2023). The impact of blended learning on students using the IBOX platform: Initial perspectives of teachers. *Heliyon*. https://doi.org/10.1016/j.heliyon.2023.e14297
14. Paul Nyagorme, **Valentina Arkorful**, Simon-Peter Kafui Aheto (2022). Challenges of Online Instruction and Information Technology Integration in COVID-19 Pandemic: Perspectives of Academic Staff in Ghanaian Universities. *MIER Journal of Educational Studies Trends & Practices*. https://doi.org/10.52634/mier/2022/v12/i1/2204
15. **Valentina Arkorful**, Kwaku Anhwere Barfi, Nyinaku Odoi Baffour (2022). Factors affecting use of massive open online courses by Ghanaian students. *Cogent Education*. https://doi.org/10.1080/2331186x.2021.2023281
16. John Kwame Eduafo Edumadze, Kwaku Anhwere Barfi, **Valentina Arkorful**, Nyinaku Odoi Baffour Jnr (2022). Undergraduate student's perception of using video conferencing tools under lockdown amidst COVID-19 pandemic in Ghana. *Interactive Learning Environments*. https://doi.org/10.1080/10494820.2021.2018618
17. KA Barfi, **Valentina Arkorful**, N Abaidoo (2021). Availability of electronic information resources that support student learning: a case at the University of Cape Coast. *International Journal of Technology, Knowledge and Society*. https://search.proquest.com/openview/2c7527cd23760ba2e481fc3446c5c733/1?pq-origsite=gscholar&cbl=2042120
18. Brandford Bervell, Irfan Naufal Umar, Jeya Amantha Kumar, Beatrice Asante Somuah, **Valentina Arkorful** (2021). Blended Learning Acceptance Scale (BLAS) in Distance Higher Education: Toward an Initial Development and Validation. *SAGE Open*. https://doi.org/10.1177/21582440211040073
19. Albert Arthur Qua-Enoo, Brandford Bervell, Paul Nyagorme, **Valentina Arkorful**, John K. E. Edumadze (2021). Information Technology Integration Perception on Ghanaian Distance Higher Education: A Comparative Analysis. *International Journal of Learning Teaching and Educational Research*. https://doi.org/10.26803/ijlter.20.2.17
20. **Valentina Arkorful**, Kwaku Anhwere Barfi, Isaac Kwame Aboagye (2021). Integration of information and communication technology in teaching: Initial perspectives of senior high school teachers in Ghana.

Education and Information Technologies. https://doi.org/10.1007/s10639-020-10426-7

21. Kwaku Anhwere Barfi, Brandford Bervell, **Valentina Arkorful** (2021). Integration of social media for smart pedagogy: initial perceptions of senior high school students in Ghana. *Education and Information Technologies*. https://doi.org/10.1007/s10639-020-10405-y
22. Naa Adjeley Suta Alakija Sekyi, Brandford Bervell, **Valentina Arkorful** (2021). Redefining the Practice of the Old Profession with Technology: Sex Work and the Use of Whatsapp for Clientele Management: WhatsApp for Clentelle Management by Sex Workers. *Advances in Social Sciences Research Journal*. https://doi.org/10.14738/assrj.81.9544
23. Brandford Brandford Bervell, Jeya Amantha Kumar, **Valentina Arkorful**, Emmanuel Manu Agyapong, Sharifah Osman (2021). Remodelling the role of facilitating conditions for Google Classroom acceptance: A revision of UTAUT2. *Australasian Journal of Educational Technology*. https://doi.org/10.14742/ajet.7178
24. B Bervell, JK Armah, SPK Aheto, **Valentina Arkorful** (2021). WhatsApp use in teaching and learning during COVID-19 pandemic period: Investigating the initial attitudes and acceptance of students. *Library Philosophy and Practice (e-journal)*.. https://scholarworks.sjsu.edu/libphilprac/6362/
25. **VALENTINA ARKORFUL** (2020). Assessing the Integration of ICT resources in teaching and learning in selected senior secondary schools in Cape Coast metropolis. *Library Philosophy and Practice (e-journal)*. https://scholarworks.sjsu.edu/libphilprac/4111/
26. B Bervell, **Valentina Arkorful**, JK Edumadze (2020). Computer-assisted instruction in the teaching and learning of history: A systematic review in Africa. *Computer*. https://www.academia.edu/download/75799023/14932_Bonsu_2020_E1_R.pdf
27. Brandford Bervell, Paul Nyagorme, **Valentina Arkorful** (2020). LMS-Enabled Blended Learning Use Intentions among Distance Education Tutors: Examining the Mediation Role of Attitude Based on Technology-Related Stimulus-Response Theoretical Framework (TR-SR-TF). *Contemporary Educational Technology*. https://doi.org/10.30935/cedtech/8317
28. Brandford Bervell, **Valentina Arkorful** (2020). LMS-enabled blended learning utilization in distance tertiary education: establishing the relationships among facilitating conditions, voluntariness of use and use behaviour. *International Journal of Educational Technology in Higher Education*. https://doi.org/10.1186/s41239-020-0183-9
29. **VALENTINA ARKORFUL**, Kwaku Anhwere Barfi (2020). The use of ICT resources for teaching Social Studies: does the availability of ICT resources matter? *American Journal of Educational Research and Review*. https://ir.ucc.edu.gh/items/72f18c83-ab21-4522-a507-8862ff5d339a
30. Ohene Kofi Afriyie, **Valentina Arkorful** (2019). Enhancing Security of Automated Teller Machines Using Biometric Authentication: A Case of a Sub-Saharan University. https://doi.org/10.7176/ikm/9-7-02
31. **Arkorful, Valentina** (2019). Gender Perception on the Effectiveness of ULearn Management System as an eLearning Platform for Distance Education. *DergiPark (Istanbul University)*.
32. Paul Nyagorme, Sackey Ben Enoch, **Valentina Arkorful** (2017). Instructional Media Usage And Students' Academic Performance In Colleges Of Education, Ghana. *Advances in Social Sciences Research Journal*. https://doi.org/10.14738/assrj.425.3676
33. Paul Nyagorme, Albert Arthur Qua-Enoo, Brandford Bervell, **Valentina Arkorful** (2017). The Awareness and Use of Electronic Learning Platforms: A Case of a Developing Country. *World Journal of Computer Application and Technology*. https://doi.org/10.13189/wjcat.2017.050201
34. **Valentina Arkorful**, N Abaidoo (2016). Post Graduate Students Readiness for Elearning (A Case Study at the College of Distance Education, University of Cape Coast). *Texila international journal of academic research*. https://doi.org/10.21522/tijar.2014.03.01.art008
35. **Valentina Arkorful**, N Abaidoo (2015). The role of e-learning, advantages and disadvantages of its adoption in higher education. *International journal of instructional technology and distance learning*. https://scholar.google.com/scholar?cluster=16237541581848128895&hl=en&oi=scholarr
36. N Abaidoo, **Valentina Arkorful** (2014). Adoption and effective integration of ICT in teaching and learning in higher institutions in Ghana. *International Journal of Education and Research*. https://ir.ucc.edu.gh/server/api/core/bitstreams/19809cb2-a228-4eaa-b193-9e0b87808f4a/content

Conference papers 1

1. **Valentina Arkorful**, N Abaidoo (2016). The use of Mobile Phones in Teaching and Learning: A case Study at the College of Distance Education, University of Cape Coast. *INTED2016 Proceedings*. https://library.iated.org/view/ARKORFUL2016USE