Alimatu-Saadia Yussiff

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RESEARCH

Interests	E-learning · Software Engineering · System Evaluation · Internet of things and mobile applications
Areas	Artificial Intelligence · Education · Information Systems · Computer Science Applications · Computer Vision and Pattern Recognition · Developmental and Educational Psychology

RESEARCH SUMMARY

26	58	5	2	0.36	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 26 publications listed below, 2013–2026. Field-weighted impact is the mean over the 9 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 9 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Dr. 2007–present
Computer Science and Information Technology, University of Cape Coast faculty of Physical Sciences, Cape Coast, Ghana

PUBLICATIONS

Journal articles 14

1. Daniel Asare Kyei, **Alimatu Saadia-Yussiff**, Maame G. Asante-Mensah, Abdul Lateef-Yussiff, Charles Roland Haruna, Derry Emmanuel (2026). Novel Dynamic Batch-Sensitive Adam Optimiser for Vehicular Accident Injury Severity Prediction. *Iraqi Journal for Computer Science and Mathematics*. https://doi.org/10.52866/2788-7421.1420
2. Washington Entsie Sam, **Alimatu-Saadia Yussiff**, Isaac Armah-Mensah (2026). Respite: A User-Centred Design and Evaluation of a Persuasive Technology for Reducing Mobile Phone and Social Media Addiction. *behaviour*. https://www.researchgate.net/profile/Aaron-Tetteh-6/publication/414098087_Respite_A_User-Centred_Design_and_Evaluation_of_a_Persuasive_Technology_for_Reducing_Mobile_Phone_and_Social_Media_Addiction/links/6aa067a0d5f47e3e70e6768a/Respite-A-User-Centred-Design-and-Evaluation-of-a-Persuasive-Technology-for-Reducing-Mobile-Phone-and-Social-Media-Addiction.pdf
3. EK Attipoe, **AS Yussiff**, Maame Gyamfua Asante-Mensah, ED Tetteh, RE Turkson (2025). An ensemble learning approach for diabetes prediction using the stacking method. *Computer Science and Information Technologies*. http://iaesprime.com/index.php/csit/article/view/482
4. **Alimatu-Saadia Yussiff**, Regina E Turkson, Enoch A Frimpong, Alimatu-Saadia Yussif, Daniel A Asante, Elliot Attipoe (2025). Bcrypt-Based Optimized Password Hashing Against Targeted Internet of Things Attacks. *Cureus Journal of Computer Science.*. https://doi.org/10.7759/s44389-025-05167-y
5. Mends Albert, MG Asante-Mensah, **AS Yussiff**, CR Haruna, Sandro Amofa (2025). Dual branch CNN with attention model using an Adaptive Multi-scale Edge Aware Feature. *International Journal of Computer Science and Information Security (IJCSIS)*. https://www.academia.edu/download/125734013/01122561_IJCSIS_Camera_Ready.pdf

6. YUSSIFF ABDUL- LATEEF, **Alimatu-Saadia Yussiff** (2025). Semantic Fantepedia System: Development and Usability Evaluation. *Journal of Advanced Research in Computing and Applications*. http://karyailham.com.my/index.php/arca/article/view/751
7. Nur Alia Syazreen Kamarol Idzham, Norshahila Ibrahim, **Alimatu-Saadia Yussiff** (2024). A Systematic Literature Review on Teaching Method Using Graphic Design for Primary Schools in Malaysia. *International Journal of Creative Multimedia*. https://doi.org/10.33093/ijcm.2024.5.2.1
8. **Alimatu – Saadia Yussiff**, Lemdi Frank Prikutse, Georgina Asuah, Abdul – Lateef Yussiff, Emmanuel Dortey Tetteh, Norshahila Ibrahim, Wan Fatimah Wan Ahmad (2024). The best machine learning model for fraud detection on e-platforms: a systematic literature review. *Computer Science and Information Technologies*. https://doi.org/10.11591/csit.v5i2.pp195-204
9. Emmanuel Dortey Tetteh, Patricia Ghann, Joseph Parbey, **Alimatu-Saadia Yussiff** (2023). An Analysis of Educational Portals' Implementation for Effective Online Learning. *International Journal of Advanced Corporate Learning (iJAC)*. https://doi.org/10.3991/ijac.v16i1.34703
10. **Alimatu-Saadia Yussiff** (2018). E-collaborative learning experience, interdependencies of presences and learning outcomes: Evidence of mediating and moderating effects. *International Journal of Business Information Systems*. https://doi.org/10.1504/ijbis.2018.094001
11. **Alimatu-Saadia Yussiff** (2015). A constructivist didactics framework for e-collaboration through social media. *International Journal of Business Information Systems*. https://doi.org/10.1504/ijbis.2015.072251
12. YUSSIFF ABDUL- LATEEF, **Abdul-Lateef Yussiff** (2013). A Conceptual Framework for Forecasting Noisy Multivariate Financial Time Series Data. *International Journal of Information Technology and Electrical Engineering,*. https://ir.ucc.edu.gh/items/7a717411-baed-4cce-aaa9-c4920682564b
13. **Said Jadid AbdulKadir Abdul-Lateef Yussiff** (2013). Polarity of Sentence Recognition with Phrase-Level Sentiment Analysis. *International Journal of Information Technology and Electrical Engineering,*. https://ir.ucc.edu.gh/items/d760eae5-7be0-4169-8c30-995a650b47da
14. **Alimatu-Saadia Yussiff** (2013). Towards a Conceptual Framework for the Implementation, Integration and Content Integrity of Web 2.0 Technologies in Higher Educational Institutions. *Australian Journal of Basic and Applied Sciences*. https://ir.ucc.edu.gh/server/api/core/bitstreams/738650c7-f789-43d4-9baf-faa17957051f/content

Book chapters 1

1. **Alimatu-Saadia Yussiff** (2015). The evaluation of the usability and effectiveness of TELERECS e-collaboration system. *Proceedings of the International HCI and UX Conference in Indonesia*. https://doi.org/10.1145/2742032.2742035

Conference papers 9

1. Elliot Kojo Attipoe, **Alimatu Saadia Yussiff**, Maame Gyamfua Asante-Mensah (2024). A Comparative Analysis of Machine Learning Classification Algorithms for Cardiovascular Disease Prediction. *2024 IEEE 9th International Conference on Adaptive Science and Technology (ICAST)*. https://doi.org/10.1109/icast61769.2024.10856496
2. M. H. M. N. Effendy, H. Z. Tee, N. Ibrahim, N. H. Azmi, E. M. Saari, **A. S. Yussiff** (2023). User experience of RPG serious game mathgic for division topic. *AIP conference proceedings*. https://doi.org/10.1063/5.0148715
3. **Alimatu–Saadia Yussiff**, Abdul-Lateef Yussiff, Franklin Kome Amoo, Wan Fatimah Wan Ahmad (2022). Preliminary Study on e-Collaboration Readiness and Community of Inquiry Presences in a Higher Educational Institution. *Lecture notes in networks and systems*. https://doi.org/10.1007/978-3-031-18344-7_57
4. **Alimatu-Saadia Yussiff**, Florian Carl, Wan Fatimah Wan Ahmad, Simon Mariwah, Otchere Eric Debrah, Abdul-Lateef Yussiff (2021). System Design and Usability Evaluation of Ghana Music Documentation System Using the System Usability Scale. *Lecture notes in computer science*. https://doi.org/10.1007/978-3-030-90235-3_22
5. **Alimatu-Saadia Yussiff** (2016). The impact of electronic collaboration on learning outcomes. *2016 3rd*

International Conference on Computer and Information Sciences (ICCOINS). https://ieeexplore.ieee.org/abstract/document/7783207/

6. **Alimatu-Saadia Yussiff** (2015). Testing and validating a conceptual framework for e-collaboration in an undergraduate course. *2015 International Symposium on Mathematical Sciences and Computing Research (iSMSC)*. https://ieeexplore.ieee.org/abstract/document/7594061/
7. **Alimatu-Saadia Yussiff** (2014). Conceptual framework for effective E-collaboration and didactic enhancement. *2014 International Conference on Computer and Information Sciences (ICCOINS)*. https://ieeexplore.ieee.org/abstract/document/6868415/
8. **Alimatu-Saadia Yussiff** (2014). Prototype design and heuristic evaluation of e-collaboration environment. *2014 3rd International Conference on User Science and Engineering (i-USEr)*. https://ieeexplore.ieee.org/abstract/document/7002692/
9. **Alimatu-Saadia Yussiff** (2013). An exploration of Social Media Technologies and their potential uses in Higher Educational Institutions: A case study of Universiti Teknologi PETRONAS. *2013 IEEE Conference on e-Learning, e-Management and e-Services*. https://ieeexplore.ieee.org/abstract/document/6735957/

Reports 1

1. **Alimatu-Saadia Yussiff** (2013). Internet privacy: A survey of cyber abuses and policy improvements in Ghana. *University of Cape Coast*. https://ir.ucc.edu.gh/items/d7fbd242-63f0-40e4-bfcc-005733e5054e

Theses 1

1. **ALIMATU-SAADIA YUSSIFF** (2016). A FRAMEWORK FOR EFFECTIVE E-COLLABORi\TION AND DiDACTICS ENHANCEMENT. *Universiti Teknologi PETRONAS*. https://scholar.google.com/scholar?cluster=16042887572824125683&hl=en&oi=scholarr