Richard Okyere Boadu

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RESEARCH

Interests: Routine Health Management Information System · Quality Assessment & Improvement · Maternal · Newborn

Areas: General Health Professions · Health Information Management · Public Health, Environmental and Occupational Health · Pediatrics, Perinatology and Child Health · Infectious Diseases · Information Systems

RESEARCH SUMMARY

37	284	8	8	2.32	29%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 37 publications listed below, 2013–2026. Field-weighted impact is the mean over the 31 works scored for it; 1.00 is the world average for works of the same field, type and year. 9 of the 31 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

University of Cape Coast
Cape Coast, Ghana

PUBLICATIONS

Journal articles 35

1. **Richard Okyere Boadu**, Kwame Adu Okyere Boadu, Desmond Andoh, Joycelyn Anna kwaw, Samuel Nii Agyabeng, Samuel Oppong-Yeboah, Victor Wireko Adu, Godwin Adzakpah, Nathan Kumasenu Mensah (2026). Evaluating the Effectiveness of Health Information Management Systems in Facilitating Quality Healthcare Service: A Cross-Sectional Study. *Health Science Reports*. https://doi.org/10.1002/hsr2.71841
2. Kwame Adu Okyere Boadu, Lydia Sarponmaa Asante, Paul Frimpong, Elijah Kwegyir Johnson, Victor Wireko Adu, **Richard Okyere Boadu** (2026). Predictors of Prolonged Hospital Length of Stay in Patients With Odontogenic Infections in Ghana. *BioMed Research International*. https://doi.org/10.1155/bmri/6612139
3. Obed Uwumbornyi Lasim, Victor Luckyboy Dzramado, James Kojo Prah, Ahmed Tijani, Desmond Andoh, Cephas Hallo, **Richard Okyere Boadu**, Edward Wilson Ansah (2026). Self-efficacy and competence gaps in health information management: A mixed-methods assessment among healthcare professionals. *Health Information Management Journal*. https://doi.org/10.1177/18333583261451699
4. **Richard Okyere Boadu**, Victor Wireko Adu, Kwame Adu Okyere Boadu, Godwin Adzakpah, Nhyira Abena Assan, Xenia Snyder-Collison, Kow Joshua Edusah, Winfred Konnu, Desmond Andoh (2026). The Impact of COVID-19 Pandemic on Health Information Management Practices: A Cross-Sectional Study in the Ghanaian Health Landscape. *Advances in Public Health*. https://doi.org/10.1155/adph/9889322
5. Kwame Adu Okyere Boadu, Lydia Sarponmaa Asante, **Richard Okyere Boadu**, Paul Frimpong, Elijah Kwegyir Johnson (2026). Trends and Economic Burden of Odontogenic Infections in Peri-Urban Ghana. *Health Science Reports*. https://doi.org/10.1002/hsr2.72423
6. Kwame Adu Okyere Boadu, Richard Frank-Torblu, Francisca Egyaim, Gizella Theophilia Opoku, Eva Saeh

Afriyie, Rita Oduro, Michael Kwadwo Owusu-Duah, Justine Ti-Baliana Martha Naab, Angelica Boakye-Yiadom, **Richard Okyere Boadu**, Peter Agyei-Baffour (2026). Utility measurement tools and quality of life assessment of cleft care in Sub-Saharan Africa: A systematic review. *Journal of Public Health Research*. https://doi.org/10.1177/22799036261486656

7. **Richard Okyere Boadu**, Victor Wireko Adu, Kwame Adu Okyere Boadu, Godwin Adzakpah, Nathan Kumasenu Mensah, Emmanuella Esi Arhin, Augustine Ilinkakor Nisanman, Godwin Salakpi, Stephen Ekow Bessabro, Williams Danquah, Idris Adam Simsiah, Emmanuel Obour (2025). Competency Level in Generation and Usage of Health Information Within the Landscape of Ghana. *BioMed Research International*. https://doi.org/10.1155/bmri/8826168
8. Godwin Adzakpah, Nathan Kumasenu Mensah, **Richard Okyere Boadu**, Jonathan Kissi (2025). Determining patients' willingness to pay for telemedicine services and associated factors amidst fear of coronavirus disease 2019 (COVID-19) in Ghana (vol 9, e19191, 2023). *HELIYON*. https://scholar.google.com/scholar?cluster=9893313005916036107&hl=en&oi=scholarr
9. Nathan Kumasenu Mensah, Godwin Adzakpah, Jonathan Kissi, Christabell Opoku, Emmanuel Osei, Jessica Abakah, Hawawu Ahmed, Hawa Mustapha, Precious Mensah, **Richard Okyere Boadu**, Daniel Kwame Kwansah Quansah, Hannah Benedicta Taylor-Abdulai (2025). Evaluation of Health Information Management students' internship program: A mixed methods study. *Evaluation and Program Planning*. https://doi.org/10.1016/j.evalprogplan.2025.102677
10. **Richard Okyere Boadu**, Victor Wireko Adu, Kwame Adu Okyere Boadu, Baishatu Ibrahim, Prince Akey, Amponsah Amishadas Mensah, Godwin Adzakpah, Nathan Kumasenu Mensah (2025). Examine frameworks policies and strategies for effective information governance in healthcare organizations. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0327496
11. Kwame Adu Okyere Boadu, **Richard Okyere Boadu**, Abigail Achiaa Nyarko, Esther Priscilla Biamah Danquah, Victor Wireko Adu, Nana Atuahene Oti, John Billy Owusu Quarshie, Nana Bempong Owusu-Ankomah (2025). Health-Seeking Behavior of Patients With Dental Abscesses: A Cross-Sectional Study. *Health Science Reports*. https://doi.org/10.1002/hsr2.70763
12. Kwame Adu Okyere Boadu, **Richard Okyere Boadu**, Esther Priscilla Biamah Danquah, Nana Atuahene Oti, John Billy Owusu Quarshie, Nana Bempong Owusu-Ankomah, Moses Yeboah Addo (2025). Patients perceived challenges in seeking dental care in Komfo Anokye Teaching Hospital. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0325136
13. Nathan Kumasenu Mensah, Godwin Adzakpah, Jonathan Kissi, Hannah Taylor-Abdulai, Stephen Benyi Johnson, Princilla Awudu Agbeshie, Christabell Opoku, Jessica Abakah, Emmanuel Osei, Ama Yeboaa Agyekum, **Richard Okyere Boadu** (2024). Health Professionals' Ethical, Security, and Patient Safety Concerns Using Digital Health Technologies: A Mixed Method Research Study. *Health Services Insights*. https://doi.org/10.1177/11786329241303379
14. Nathan Kumasenu Mensah, Godwin Adzakpah, Jonathan Kissi, Kasim Abdulai, Hannah Taylor-Abdulai, Stephen Benyi Johnson, Christabell Opoku, Cephas Hallo, **Richard Okyere Boadu** (2024). Health professionals' perceptions of electronic health records system: a mixed method study in Ghana. *BMC Medical Informatics and Decision Making*. https://doi.org/10.1186/s12911-024-02672-3
15. **Richard Okyere Boadu**, Kwame Adu Okyere Boadu, Nathan Kumasenu Mensah, Godwin Adzakpah, Fortune Afaglo, Rosemary Bermaa Abrefa, Emmanuella Aryee, Nancy Gyamena Botwe, Dinah Baiden-Amissah, Dennis Bless Ashiavor, Larry Lee Mensah, Lovemond Kojo Asamoah, Judith Obiri-Yeboah (2024). Healthcare Providers' Adherence to COVID-19 Prevention and Control Practices in Health Records and Information Management, Ghana. *Global Health*. https://doi.org/10.1155/2024/8862660
16. **Richard Okyere Boadu**, Godwin Adzakpah, Nathan Kumasenu Mensah, Kwame Adu Okyere Boadu, Jonathan Kissi, Christiana Dziyaba, Rosemary Bermaa Abrefa (2024). Healthcare providers' perception towards utilization of health information applications and its associated factors in healthcare delivery in health facilities in Cape Coast Metropolis, Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0297388
17. Godwin Adzakpah, Nathan Kumasenu Mensah, **Richard Okyere Boadu**, Jonathan Kissi, Michael Dogbe, Michael Wadere, Dela Senyah, Mavis Agyarkoaa, Lawrencia Mensah, Amanda Appiah-Acheampong (2023). Determining patients' willingness to pay for telemedicine services and associated factors amidst

fear of coronavirus disease 2019 (COVID-19) in Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2023.e19191

18. Nathan Kumasenu Mensah, Godwin Adzakpah, Jonathan Kissi, **Richard Okyere Boadu**, Obed Uwumbornyi Lasim, Martha Khainde Oyenike, Abigail Bart-Plange, Maxwell Ayindenaba Dalaba, Felix Sukums (2023). Health professional's readiness and factors associated with telemedicine implementation and use in selected health facilities in Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2023.e14501
19. Nathan Kumasenu Mensah, Godwin Adzakpah, Jonathan Kissi, **Richard Okyere Boadu**, Queensly Kyerewaa Acheampongmaa, Hannah Taylor-Abdulai, Samuel Tamti Chatio (2023). Perceived impact of digital health technology on health professionals and their work: A qualitative study in Southern Ghana. *Digital Health*. https://doi.org/10.1177/20552076231218838
20. **Richard Okyere Boadu**, Hor Karimeni Karimu, Kwame Adu Okyere Boadu, Obed Uwumbornyi Lasim, Lady Agyei Boatemaa, Solomon Abotiba Atinbire, Nathan Kumasenu Mensah (2022). Assessment of health staff's proficiency and quality of key malaria indicators in rural district of Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0274700
21. Nathan K Mensah, **Richard O Boadu**, Godwin Adzakpah, Obed U Lasim, Ruth D Amuakwa, Hannah B Taylor-Abdulai, Samuel T Chatio (2022). Electronic health records post-implementation challenges in selected hospitals: A qualitative study in the Central Region of southern Ghana. *Health Information Management Journal*. https://doi.org/10.1177/18333583221096899
22. Kingsley Adeoye Damilare, David Abass, David Antwi-Agyei, Frederick Osei-Owusu, Ebenezer Ahenkan, Kwame Adu Okyere Boadu, **Richard Okyere Boadu** (2022). Patients Perceived Knowledge, Attitude, and Practice of Dental Abscess Management in Periurban District, Ghana. *BioMed Research International*. https://doi.org/10.1155/2022/2266347
23. **Richard Okyere Boadu**, Judith Obiri-Yeboah, Kwame Adu Okyere Boadu, Nathan Kumasenu Mensah, Grace Amoh-Agyei (2021). Assessment of RHIS Quality Assurance Practices in Tarkwa Submunicipal Health Directorate, Ghana. *Advances in Public Health*. https://doi.org/10.1155/2021/5561943
24. Dora Dadzie, **Richard Okyere Boadu**, Cyril Mark Engmann, Nana Amma Yeboaa Twum-Danso (2021). Evaluation of neonatal mortality data completeness and accuracy in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0239049
25. **Richard Okyere Boadu**, Mary Adama Lamptey, Kwame Adu Okyere Boadu, Godwin Adzakpah, Nathan Kumasenu Mensah (2021). Healthcare Providers' Intention to Use Technology to Attend to Clients in Cape Coast Teaching Hospital, Ghana. *BioMed Research International*. https://doi.org/10.1155/2021/5547544
26. Kimberly P. Brathwaite, Fiona Bryce, Laurel B. Moyer, Cyril Engmann, Nana A.Y. Twum-Danso, Beena D. Kamath-Rayne, Emmanuel K. Srofenyoh, Sebnem Ucer, **Richard O. Boadu**, Medge D. Owen (2020). Evaluation of two newborn resuscitation training strategies in regional hospitals in Ghana. *Resuscitation Plus*. https://doi.org/10.1016/j.resplu.2020.100001
27. Christina Maly, **Richard Okyere Boadu**, Carina Rosado, Aliza Lailari, Bernard Vikpeh-Lartey, Chantelle Allen (2019). Can a standards-based approach improve access to and quality of primary health care? Findings from an end-of-project evaluation in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0216589
28. **Richard Okyere Boadu**, P Agyei-Baffour (2019). Data accuracy and completeness of midwifery returns indicators in Ejisu Juaben Health Directorate of Ghana. *International Journal of Pharmacy and Biological Sciences*. https://ir.ucc.edu.gh/items/d884a32e-ddf8-41de-b43d-11d66ebaa3aa
29. **Richard Okyere Boadu**, Godwin Adzakpah, Peter Agyei-Baffour (2019). The Role of Quality Improvement Process in Improving the Culture of Information among Health Staff in Ghana. *Advances in Public Health*. https://doi.org/10.1155/2019/7579569
30. **Richard Okyere Boadu**, P Agyei-Baffour (2019). Using Quality Improvement Process to Enhance Health Staff Confidence and Competence in Health Information System Tasks in the Ejisu Juaben Municipal Health Directorate, Ghana. *Journal of Information Sciences and Computing Technologies*. https://www.academia.edu/download/123716474/1673-Article_20Text-5918-2-10-20190109.pdf

31. **Richard Okyere Boadu**, Peter Agyei-Baffour, Anthony Kwaku Edusei (2018). Data accuracy and completeness of monthly midwifery returns indicators of Ejisu Juaben Health Directorate of Ghana. *International Journal of Public Health Science (IJPHS)*. https://doi.org/10.11591/ijphs.v8i1.15934

32. Achampong, Emmanuel Kusi, Adzakpah, Godwin, **RichardOkyere Boadu**, Obed Owumborny ILasim, Opoku, Richard (2018). Newborn Health Data Transfer in the Cape Coast Metropolis, Ghana. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.3968109

33. Jemima A. Dennis-Antwi, Kwaku Ohene-Frempong, Kofi A. Anie, Helen Dzikunu, Veronica A. Agyare, **Richard Okyere Boadu**, Joseph Sarfo Antwi, Mabel K. Asafo, Oboshie Anim-Boamah, Augustine K. Asubonteng, Solomon Agyei, Ambroise Wonkam, Marsha J. Treadwell (2018). Relation Between Religious Perspectives and Views on Sickle Cell Disease Research and Associated Public Health Interventions in Ghana. *Journal of Genetic Counseling*. https://doi.org/10.1007/s10897-018-0296-7

34. Emmanuel Kusi Achampong, Godwin Adzakpah, **Richard Okyere Boadu**, Obed Owumbornyi Lasim (2018). The Quality of Newborn Data: Assessment of Data Management and Reporting System. *International Journal of Public Health Science (IJPHS)*. https://doi.org/10.11591/ijphs.v7i3.14386

35. **Richard O Boadu** (2013). Impact evaluation of a quality improvement intervention on maternal and child health outcomes in Northern Ghana: early assessment of a national scale-up project. *International journal for quality in health care*. https://academic.oup.com/intqhc/article-abstract/25/5/477/1798046

Conference papers 1

1. **Martha Appiagyei Richard O. Boadu** (2014). Evaluation of Mobile Phonebased Mentoring to support Post Training retention and Performance in Midwifery tutors/preceptors in Ghana. *ICM 30th Triennial Congress Midwives: Improving Women's Health Globally, Prague, Czech Republic*.

Theses 1

1. **Richard Okyere Boadu** (2015). The role of Quality Improvement Process (QIP) in enhancing the effectiveness of routine health information system for health service planning in the Ejisu-Juaben Municipal of Ghana. *A doctoral thesis*. https://scholar.google.com/scholar?cluster=10835666582420362663&hl=en&oi=scholarr