Nathan Mensah

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RESEARCH

Interests	Health Informatics · Clinical trials
Areas	General Health Professions · Public Health, Environmental and Occupational Health · Health Information Management · Pediatrics, Perinatology and Child Health · Finance · Economics and Econometrics

RESEARCH SUMMARY

49	1,308	15	19	4.24	48%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 49 publications listed below, 2001–2026. Field-weighted impact is the mean over the 40 works scored for it; 1.00 is the world average for works of the same field, type and year. 19 of the 40 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer
health information management, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

Heidelberg University
Heidelberg, Germany

PUBLICATIONS

Journal articles 46

1. Kasim Abdulai, **Nathan Kumasenu Mensah** (2026). Admission Morbidity Characteristics as Predictors of Hospital Length of Stay in Diabetic Patients: A Retrospective Study from Ghana. *Integrated Health Research Journal*. https://journal.ucc.edu.gh/index.php/ihrj/article/view/2015
2. Godwin ADZAKPAH, Mavis Puopelle DAKORAH, **Nathan Kumasenu MENSAH** (2026). Assessing the Perceived Effectiveness of Hospital Information Systems in Ghana: Agreement Between Two Information System Success Models Using Bland–Altman Analysis. *Applied Medical Informatics*. https://ami.info.umfcluj.ro/index.php/AMI/article/view/1258
3. Godwin Adzakpah, **Nathan Kumasenu Mensah** (2026). Assessing the impact of health information systems on timeliness of medical claim submission in Ghana: a multi-center quasi-experimental study. *Informatics for Health and Social Care*. https://doi.org/10.1080/17538157.2026.2621310
4. 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
5. **Nathan Mensah** (2026). Patient Perceptions of the Impact of the National Health Insurance Scheme on Healthcare Service Delivery in Ghana: A Systematic Review: Perception of patients of National …. *Integrated Health Research Journal*. https://journal.ucc.edu.gh/index.php/ihrj/article/view/1620

6. **Nathan Mensah**, Emmanuel Osei (2026). Perception of patients about impact of National Health Insurance Scheme on service delivery in Ghana. A systematic review. *Integrated Health Research Journal*. https://doi.org/10.47963/ihrj.v3i1.1620

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. Hannah Benedicta Taylor-Abdulai, Edem Kojo Dzantor, **Nathan Kumasenu Mensah**, Mubarick Nungbaso Asumah, Stephen Ocansey, Samuel Kofi Arhin, Precious Barnes, Victor Obiri Opoku, Zakariah Jirimah Mankir, Sylvester Ackah Famieh, Collins Paa Kwesi Botchey (2025). Coronavirus disease 2019 (COVID-19) vaccine acceptability in Ghana: An urban-based population study. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0319798

9. 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

10. **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

11. 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

12. **Nathan Kumasenu Mensah**, Godwin Adzakpah, Jessica Abakah, Christabell Opoku, Michael Wadere, Michael Dogbe, Dela Senyah, Mavis Agyarkoaa, Lawrencia Mensah, Amanda Appiah-Acheampong (2025). Relationship Between Fear of Coronavirus Disease 2019 and Patient Preferences for Medical Services in Ghana: A Cross-Sectional Study. *Health Science Reports*. https://doi.org/10.1002/hsr2.70898

13. **Nathan Kumasenu Mensah**, Godwin Adzakpah, and Co-authors (2025). Response to Comments on "Relationship Between Fear of Coronavirus Disease 2019 and Patient Preferences for Medical Services in Ghana: A Cross-Sectional Study". *Health Science Reports*. https://doi.org/10.1002/hsr2.71221

14. Samuel Tamti Chatio, John Kuumuori Ganle, Philip Baba Adongo, Patrick Odum Ansah, Engelbert A. Nonterah, **Nathan Kumasenu Mensah**, James Akazili, Ulrike Beisel (2025). Strategies to build trust in the conduct of clinical trials: Stakeholders' views in a qualitative study in Ghana. *PLOS Global Public Health*. https://doi.org/10.1371/journal.pgph.0003201

15. Jonathan Kissi, Godwin Adzakpah, Caleb Annobil, **Nathan Kamasenu Mensah**, Daniel Kwame Kwansah Quansah, Kennedy Dzamvivie, Vivian Kruh, Grace Amoah-Anomah, Abdul-Basit Kassim (2025). Telehealth services for acute diseases management: principles, trends and challenges in selected health facilities in the greater Accra region, Ghana. *BMC Family Practice*. https://doi.org/10.1186/s12875-025-02961-4

16. Isaiah Awintuen Agorinya, Amanda Ross, Gabriela Flores, James Akazili, Tessa Tan-torres Edejer, Kim van Wilgenburg, Maxwell Ayindenaba Dalaba, **Nathan Kumasenu Mensah**, Le My Lan, Yadeta Dassie Bacha, Jemima Sumboh, Abraham Rexford Oduro, Fabrizio Tediosi (2025). The effect of recall period on reported out-of-pocket health expenditure in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0290910

17. **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

18. **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

19. 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
20. Jonathan Kissi, Godwin Azakpah, **Nathan Kumasenu Mensah**, Kennedy Dzamvivie, Twisty Ampofowaa Bosompem, Victor Adu Wireko, Grace Amoah-Anomah (2024). Healthcare professionals' perception on emergence of security threat using digital health technologies in healthcare delivery. *Digital Health*. https://doi.org/10.1177/20552076241260385
21. 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
22. Jonathan Kissi, Wisdom Wise Kwabla Pomegbe, Godwin Adzakpah, **Nathan Kumasenu Mensah**, Joseph Owusu-Marfo, Zenobia Wooduwa Asmah, Gloria Ekua Tawiah, Grace Amoah-Anomah (2024). Unmasking the coronavirus pandemic impact on students' academic performance (University of Cape Coast—Ghana). *PLOS Global Public Health*. https://doi.org/10.1371/journal.pgph.0003409
23. 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
24. **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
25. **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
26. Jonathan Kissi, Caleb Annobil, **Nathan Kumasenu Mensah**, Joseph Owusu-Marfo, Ernest Osei, Zenobia Wooduwa Asmah (2023). Telehealth services for global emergencies: implications for COVID-19: a scoping review based on current evidence. *BMC Health Services Research*. https://doi.org/10.1186/s12913-023-09584-4
27. **Nathan Mensah** (2023). The impact of musculoskeletal pain on the quality of life of farmers in the Volta region of Ghana. *Texila Int J Public Health*. https://www.researchgate.net/profile/Kokou-Amegan-Aho/publication/380470339_The_Impact_of_Musculoskeletal_Pain_on_the_Quality_of_Life_of_Farmers_in_the_Volta_Region_of_Ghana/links/663e1c1d7091b94e931b4d21/The-Impact-of-Musculoskeletal-Pain-on-the-Quality-of-Life-of-Farmers-in-the-Volta-Region-of-Ghana.pdf
28. 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
29. **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

30. Jonathan Kissi, Emmanuel Kusi Achampong, **Nathan Kumasenu Mensah**, Caleb Annobil, Jessica Naa Lamptey (2022). Moving towards Digitising COVID-19 Vaccination Certificate: A Systematic Review of Literature. *Vaccines*. https://doi.org/10.3390/vaccines10122040

31. 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

32. Isaiah Awintuen Agorinya, Maxwell Dalaba, **Nathan Kumasenu Mensah**, Samuel Tamti Chatio, Lan My Le, Yadeta Dassie Bacha, Jemima Sumboh, Gabriela Flores, Tessa Tan-torres Edejer, Amanda Ross, Fabrizio Tediosi, James Akazili (2021). Challenges and experiences in linking community level reported out-of-pocket health expenditures to health provider recorded health expenditures: Experience from the iHOPE project in Northern Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0256910

33. Isaiah Awintuen Agorinya, Amanda Ross, Gabriela Flores, Tessa TanTorres Edejer, Maxwell Ayindenaba Dalaba, **Nathan Kumasenu Mensah**, Lan Le My, Yadeta Dessie, Jemima Sumboh, Abraham Rexford Oduro, J Akazili, Fabrizio Tediosi (2021). Effect of specificity of health expenditure questions in the measurement of out-of-pocket health expenditure: evidence from field experimental study in Ghana. *BMJ Open*. https://doi.org/10.1136/bmjopen-2020-042562

34. 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

35. **Nathan Mensah**, Felix Sukums, Timothy Awine, Andreas Meid, John Williams, Patricia Akweongo, Jens Kaltschmidt, Walter E. Haefeli, Antje Blank (2015). Impact of an electronic clinical decision support system on workflow in antenatal care: the QUALMAT eCDSS in rural health care facilities in Ghana and Tanzania. *Global Health Action*. https://doi.org/10.3402/gha.v8.25756

36. Felix Sukums, **Nathan Mensah**, Rose Mpembeni, Siriel Massawe, Els Duysburgh, Afua Williams, Jens Kaltschmidt, Svetla Loukanova, Walter E. Haefeli, Antje Blank (2015). Promising adoption of an electronic clinical decision support system for antenatal and intrapartum care in rural primary healthcare facilities in sub-Saharan Africa: The QUALMAT experience. *International Journal of Medical Informatics*. https://doi.org/10.1016/j.ijmedinf.2015.05.002

37. Maxwell Ayindenaba Dalaba, Patricia Akweongo, John Williams, Happiness Pius Saronga, Pencho Tonchev, Rainer Sauerborn, **Nathan Mensah**, Antje Blank, Jens Kaltschmidt, Svetla Loukanova (2014). Costs Associated with Implementation of Computer-Assisted Clinical Decision Support System for Antenatal and Delivery Care: Case Study of Kassena-Nankana District of Northern Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0106416

38. Felix Sukums, **Nathan Mensah**, Rose Mpembeni, Jens Kaltschmidt, Walter E. Haefeli, Antje Blank (2014). Health workers' knowledge of and attitudes towards computer applications in rural African health facilities. *Global Health Action*. https://doi.org/10.3402/gha.v7.24534

39. Antje Blank, Helen Prytherch, Jens Kaltschmidt, Andreas Krings, Felix Sukums, **Nathan Mensah**, Alphonse Zakane, Svetla Loukanova, Lars L Gustafsson, Rainer Sauerborn, Walter E Haefeli (2013). "Quality of prenatal and maternal care: bridging the know-do gap" (QUALMAT study): an electronic clinical decision support system for rural Sub-Saharan Africa. *BMC Medical Informatics and Decision Making*. https://doi.org/10.1186/1472-6947-13-44

40. **N Mensah** (2009). Treating severe malaria with pre-referral artesunate saves lives and prevents CNS damage. *Neurotoxicology and Teratology*. https://ora.ox.ac.uk/objects/uuid:1b37e4cb-6ef7-4e0a-b080-80a15018680e

41. Christine Alexandra Clerk, Jane Bruce, Pius Kaba Affipunguh, **Nathan Mensah**, Abraham Hodgson, Brian Greenwood, Daniel Chandramohan (2008). A Randomized, Controlled Trial of Intermittent Preventive Treatment with Sulfadoxine-Pyrimethamine, Amodiaquine, or the Combination in Pregnant Women in Ghana. *The Journal of Infectious Diseases*. https://doi.org/10.1086/591944

42. MF Gomes, MA Faiz, JO Gyapong, M Warsame, T Agbenyega, A Babiker, F Baiden, EB Yunus, F Binka, C Clerk, ... **N Mensah** and 15 others (2008). Pre-referral rectal artesunate to prevent death and disability in

severe malaria: a placebo-controlled trial. *The Lancet*. https://doi.org/10.1016/s0140-6736(08)61734-1

43. Abraham R Oduro, Kwadwo A Koram, William Rogers, Frank Atuguba, Patrick Ansah, Thomas Anyorigiya, Akosua Ansah, Francis Anto, **Nathan Mensah**, Abraham Hodgson, Francis Nkrumah (2007). Severe falciparum malaria in young children of the Kassena-Nankana district of northern Ghana. *Malaria Journal*. https://doi.org/10.1186/1475-2875-6-96

44. Daniel Chandramohan, Seth Owusu-Agyei, Ilona Carneiro, Timothy Awine, Kwame Amponsa-Achiano, **Nathan Mensah**, Shabbar Jaffar, Rita Baiden, Abraham Hodgson, Fred Binka, Brian Greenwood (2005). Cluster randomised trial of intermittent preventive treatment for malaria in infants in area of high, seasonal transmission in Ghana. *BMJ*. https://doi.org/10.1136/bmj.331.7519.727

45. Immo Kleinschmidt, Judy Omumbo, Olivier Briët, Nick Van De Giesen, Nafomon Sogoba, **Nathan Kumasenu Mensah**, Pieter Windmeijer, Mahaman Moussa, Thomas Teuscher (2001). An empirical malaria distribution map for West Africa. *Tropical Medicine & International Health*. https://doi.org/10.1046/j.1365-3156.2001.00790.x

46. Abraham Hodgson, Thomas Smith, Sebastien Gagneux, Martin Adjuik, Gerd Pluschke, **Nathan Kumasenu Mensah**, Fred Binka, Blaise Genton (2001). Risk factors for meningococcal meningitis in northern Ghana. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. https://doi.org/10.1016/s0035-9203(01)90007-0

Conference papers 2

1. **Nathan Mensah**, Kwadwo A Koram (2007). Mortality rates in cohorts of children two years after severe or mild malaria in rural northern Ghana. *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*. https://scholar.google.com/scholar?cluster=2446633986483367525&hl=en&oi=scholarr

2. **Nathan Mensah** (2006). Malaria infection and mortality in children in rural northern Ghana. *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*. https://scholar.google.com/scholar?cluster=17190122656948933352&hl=en&oi=scholarr

Theses 1

1. **NE Mensah** (2015). Codeswitching among Agona/English speakers in Agona Swedru: A case study of two churches. *University Of Ghana*. https://scholar.google.com/scholar?cluster=9192906461669273528&hl=en&oi=scholarr