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RESEARCH

Interests	Orthopaedics and Trauma
Areas	Public Health, Environmental and Occupational Health · Emergency Medicine · Surgery · Epidemiology · Health Information Management · Pulmonary and Respiratory Medicine

RESEARCH SUMMARY

25	1,224	8	7	1.79	9%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 25 publications listed below, 2016–2026. Field-weighted impact is the mean over the 11 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 11 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 25

1. Anthony Baffour Appiah, Andreas Deckert, Martin Tangnaa Morna, **Richard Baidoo**, Chris Oppong, Mohammed Bukari, Peter Donkor, Charles Mock, Peter Dambach, Michael Lowery Wilson (2026). Pediatric road traffic injuries in Ghana: a cross-sectional study of factors associated with injury severity within the Haddon Matrix framework. *BMJ Open*. https://doi.org/10.1136/bmjopen-2025-115992
2. **Richard Baidoo** (2025). Detection and evaluation of long-term Land Use/Cover Changes using Landsat satellite data. A case in the Ahafo Ano Southwest District of Ghana. *GeoScape*. https://doi.org/10.2478/geosc-2025-0012
3. Alexis D. B. Buunaaim, Michel Adurayi Amenah, Dominic Konadu-Yeboah, **Richard Baidoo**, Amgbo Asare, Wilfred Larbi Addo, Claude Martin (2025). Evaluating catastrophic health expenditures among patients with long bone fractures in Ghana's major teaching hospitals: a hospital-based analysis. *BMC Health Services Research*. https://doi.org/10.1186/s12913-025-12250-6
4. **Richard Baidoo**, Michael F Bath, Joachim Amoako, Katharina Kohler, Abdullahi Said Hashi, Zhongheng Zhang, Daniel U Baderhabusha, Eder Cáceres, Carlos M Nuño-Guzmán, Max Marsden and 89 others (2025). Global variation in patient factors, interventions, and postoperative outcomes for those undergoing trauma laparotomy: an international, prospective, observational cohort study. *The Lancet Global Health*. https://doi.org/10.1016/s2214-109x(25)00303-1
5. **Richard O. Baidoo** (2024). Outcomes after surgery for children in Africa (ASOS-Paeds): a 14-day prospective observational cohort study. *The Lancet*. https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(24)00103-X/abstract
6. **Baidoo, Richard Ogirma**, Makafui SC-JK Dayie, Ebikela Ivie Baidoo (2023). Epidemiology of Childhood Fractures at a Ghanaian Teaching Hospital. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.8252216
7. Alexis D. B. Buunaaim, Daniel Ansong, Francis Adjei Osei, Evans Xorse Amuzu, Dominic Konadu-Yeboah, Amgbo Asare, **Richard Baidoo**, Wilfred Labi Addo (2023). Review of the establishment of trauma network of Ghana (TRANET): one-year review and implementation experience in a lower middle-income country. *European Journal of Orthopaedic Surgery & Traumatology*. https://doi.org/10.1007/s00590-023-03482-5

8. Mee Joo Kang, Reuben Kwesi Sakyi Ngissah, Alexis Dun Bo-Ib Buunaaim, **Richard Baidoo**, Francis Odei-Ansong, Theodore Wordui, Ernest Kwame Adjepong-Tandoh, Paa Kwesi Baidoo, James Emmanuel Kwegyir Aggrey-Orleans (2023). The need for hands-on training and supervision for entry-level physicians in a country with low surgical staffing density: a nationwide survey in Ghana. *BMC Medical Education*. https://doi.org/10.1186/s12909-023-04880-3

9. **Richard O. Baidoo** (2022). Elective surgery system strengthening: development, measurement, and validation of the surgical preparedness index across 1632 hospitals in 119 countries. *The Lancet*. https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(22)01846-3/fulltext

10. **Richard Baidoo** (2022). Identifying Research Priorities in Musculoskeletal Trauma Care in Sub-Saharan Africa. *JBJS Open Access*. https://doi.org/10.2106/jbjs.oa.21.00043

11. **R.O. Baidoo**, S. Debrah (2022). Major Extremity Amputation: The Koforidua Experience. *Postgraduate Medical Journal of Ghana*. https://doi.org/10.60014/pmjg.v5i2.161

12. B.A. Appiah, **R. Baidoo**, M.T. Morna (2022). Preference And Reasons For People Choosing A Place Of Fracture Care: A Case Study In Six Communities Of Assin North District, Ghana. *Postgraduate Medical Journal of Ghana*. https://doi.org/10.60014/pmjg.v9i2.235

13. **Richard O. Baidoo** (2022). SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. *Anaesthesia*. https://doi.org/10.1111/anae.15563

14. **Richard O. Baidoo** (2021). Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study. *Anaesthesia*. https://doi.org/10.1111/anae.15560

15. **Richard O. Baidoo** (2021). SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *British Journal of Surgery*. https://pmc.ncbi.nlm.nih.gov/articles/PMC7995808/

16. **Richard O. Baidoo** (2021). Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia*. https://doi.org/10.1111/anae.15458

17. **Richard Baidoo** (2020). Choices for Operative fixation of fractures in Developing Countries. *Ethiopian Medical Journal*. https://emjema.org/index.php/EMJ/article/view/1429

18. **R Baidoo** (2020). Epidemiology of Childhood fractures at a Ghanaian Teaching Hospital. *Research and Reviews: Journal of medical and health sciences*.

19. PK Akakpo, L Derkyi-Kwarteng, **Richard Baidoo** (2020). Epidemiology of childhood injury-related deaths: review of mortality data at the Cape Coast Teaching Hospital. *PAMJ-One Health*. https://www.one-health.panafrican-med-journal.com/content/article/1/7/full/

20. **Richard Baidoo** (2020). Peculiarities of Locked Intramedullary Nailing in A Deprived Setting. *International Journal of Orthopedics Research*. https://ir.ucc.edu.gh/server/api/core/bitstreams/e458aacd-c0e4-41ea-893f-d8c85ded6359/content

21. **R Baidoo** (2020). Preference And Reasons For People Choosing A Place Of Fracture Care: A Case Study In Six Communities Of Assin North District, Ghana. *Postgraduate medical Journal of Ghana*.

22. Emmanuel Owusu Ofori, Makafui Sc-Jk Dayie, Bin Baaba Alhaji Alhassan, Kingsley Doku, **Richard Baidoo** (2019). Paediatric Femoral Neck Fracture: Experience ofManagement of our Patients and a Review of theLiterature. *Orthopedic Research Online Journal*.

23. **R Baidoo** (2019). Paediatric femoral neck fractures: Experience of management of our patients and a review of the literature. *Orthopedic research online*.

24. **Richard O. Baidoo**, Makafui S. Dayie (2017). Fibrodysplasia ossificans progressiva: a case report. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v50i4.8

25. **RO Baidoo**, S Debrah (2016). Major extremity amputation: the Koforidua experience. *Postgraduate Medical Journal of Ghana*.