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RESEARCH

Interests	Anaemia · sickle cell disease · plasma cell myeloma
Areas	Genetics · Hematology · Molecular Biology · Oncology · Pathology and Forensic Medicine · Rheumatology

RESEARCH SUMMARY

47	620	13	15	1.12	3%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 47 publications listed below, 2000–2026. 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. 1 of the 31 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 44

1. Emmanuel Kissiedu Antiri, **Ivy Adwowa Efiefi Ekem** (2026). Acute promyelocytic leukaemia presenting with gingival hypertrophy: an atypical oral presentation. *Oxford Medical Case Reports*. https://doi.org/10.1093/omcr/omag097
2. Rasheed A. Gbadegesin, Ifeoma Ulasi, Samuel Ajayi, Yemi Raji, Timothy Olanrewaju, Charlotte Osafo, Adebowale D. Ademola, Adanze Asinobi, Cheryl A. Winkler, David Burke, … **Ivy Ekem** and 38 others (2024). APOL1 Bi- and Monoallelic Variants and Chronic Kidney Disease in West Africans. *New England Journal of Medicine*. https://doi.org/10.1056/nejmoa2404211
3. Anita Ghansah, **Ivy Ekem** (2024). APOL1 Bi-and Monoallelic Variants and Chronic Kidney Diseases in West Africans. *The New England journal of medicine*. https://pmc.ncbi.nlm.nih.gov/articles/PMC11735277/
4. Grace Ababio*, **Ivy Ekem**, William Bill Chaplin, Isaac Quaye (2024). The Fear Avoidance Scale of the Sickler. *Journal of Biomedical Research & Environmental Sciences*. https://doi.org/10.37871/jbres2019
5. **Ivy Ekem** (2024). The Fear Avoidance Scale of the Sicklerc. *Journal ISSN*. https://www.researchgate.net/profile/Grace-Ababio/publication/385167235_The_Fear_Avoidance_Scale_of_the_'Sickler'/links/6718cddbacba566ad5f9c67f/The-Fear-Avoidance-Scale-of-the-Sickler.pdf
6. G. K. Ababio, **I. Ekem**, J. Acquaye, S. Y. Oppong, A. G. B. Amoah, J. Brandful, I. K. Quaye (2023). Detection of Transversions and Transitions in HBG2 Cis-Elements Associated with Sickle Cell Allele in Ghanaians. *Biochemical Genetics*. https://doi.org/10.1007/s10528-023-10438-1
7. **Ivy Ekem** (2023). The Value of Food: A Necessary Rhetoric. *Postgraduate Medical Journal of Ghana*. https://doi.org/10.60014/pmjg.v12i1.304
8. N.K. Lovi, D. Koffie, E.K. Antiri, E. Abole, J.E. Tawiah, F. Amihere, **I. Ekem** (2022). Aggressive Plasma Cell Myeloma as an Underlying Cause of Paraparesis In an Unusually Young Male Patient. *Postgraduate Medical Journal of Ghana*. https://doi.org/10.60014/pmjg.v7i2.177
9. Anjali Gupta, Veeral Saraiya, April Deveaux, Taofik Oyekunle, Klarissa D. Jackson, Omolola Salako, Adetola Daramola, Allison Hall, Olusegun Alatise, Gabriel Ogun, … **Ivy Ekem** and 88 others (2022). Association of lipid profile biomarkers with breast cancer by molecular subtype: analysis of the MEND study. *Scientific Reports*. https://doi.org/10.1038/s41598-022-13740-x

10. Y.A. Dei-Adomakoh, **I. Ekem**, C.I. Segbefia, Y. Atiase (2022). Diagnosing Anaemia: an Overview. *Postgraduate Medical Journal of Ghana*. https://doi.org/10.60014/pmjg.v3i2.71

11. Tomi Akinyemiju, Kelley Jones, Anjali Gupta, Taofik Oyekunle, Veeral Saraiya, April Deveaux, Omolola Salako, Allison Hall, Olusegun Alatise, Gabriel Ogun, ... **Ivy Ekem** and 86 others (2021). Association of body composition with odds of breast cancer by molecular subtype: analysis of the Mechanisms for Established and Novel Risk Factors for Breast Cancer in Nigerian Women (MEND) study. *BMC Cancer*. https://doi.org/10.1186/s12885-021-08775-8

12. Crawford Strunk, Immacolata Tartaglione, Connie M. Piccone, Raffaella Colombatti, Biree Andemariam, Deepa Manwani, Ashya Smith, Haikel Haile, Esther Kim, Samuel Wilson, ... **Ivy Ekem** and 15 others (2021). Global geographic differences in healthcare utilization for sickle cell disease pain crises in the CASiRe cohort. *Blood Cells Molecules and Diseases*. https://doi.org/10.1016/j.bcmd.2021.102612

13. Charles Antwi-Boasiako, Biree Andemariam, Raffaella Colombatti, Eugenia Vicky Asare, Crawford Strunk, Connie M. Piccone, Deepa Manwani, Donna Boruchov, Fatimah Farooq, Rebekah Urbonya, ... **Ivy Ekem** and 12 others (2020). A study of the geographic distribution and associated risk factors of leg ulcers within an international cohort of sickle cell disease patients: the CASiRe group analysis. *Annals of Hematology*. https://doi.org/10.1007/s00277-020-04057-8

14. D Obiri-Yeboah, A Charwudzi, I K Baidoo, E T Botchway, S A Addo, P Nsiah, **I Ekem** (2020). Haematological Changes among HIV-Positive Persons on Antiretroviral Therapy at a Tertiary Hospital in Ghana. *PubMed*.

15. Rosemary Abena Kuenyefu Awindaogo, **Ivy Ekem**, Nana Agyeiwah Awuku, Soziema Salia, Martin Agyei, Yvonne Ayerki Nartey, Yaw Asante Awuku (2020). Reversible hyperpigmentation in Vitamin B12 deficiency: an addisonian mimic in clinical practice. *PAMJ Clinical Medicine*. https://doi.org/10.11604/pamj-cm.2020.4.109.26641

16. **IVY EKEM** (2019). Effects of vitamin C supplementation on sickle cell disease. *TIJPH SE*. https://scholar.google.com/scholar?cluster=15631073943192493402&hl=en&oi=scholarr

17. Yvonne A. Dei-Adomakoh, Josephine Akpalu, Alfred E. Yawson, **Ivy Ekem**, Margaret Reynolds, Yacoba Atiase (2019). Steroid-induced dysglycaemia in patients with haematological disorders a ten-year review in a tertiary hospital in Ghana. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v53i2.11

18. **I Ekem** (2018). Aggressive Plasma Cell Myeloma as an Underlying Cause of Paraparesis In an Unusually Young Male Patient. *Postgraduate Medical Journal of Ghana*.

19. Charles Antwi-Boasiako, Bartholomew Dzudzor, William Kudzi, Alfred Doku, Campbell Andrew Dale, Fredericka Sey, Kate Hgar Otu, Gifty Dankwah Boatemaa, **Ivy Ekem**, John Ahenkorah, Daniel Gyingiri Achel, Elvis Twumasi Aboagye, Eric S. Donkor (2018). Association between eNOS Gene Polymorphism (T786C and VNTR) and Sickle Cell Disease Patients in Ghana. *Diseases*. https://doi.org/10.3390/diseases6040090

20. Charles Antwi-Boasiako, Emmanuel Frimpong, Ben Gyan, Eric Kyei-Baafour, Fredericka Sey, Bartholomew Dzudzor, Mubarak Abdul-Rahman, Gifty B. Dankwah, Kate H. Otu, Tom A. Ndanu, Andrew D. Campbell, **Ivy Ekem**, Eric S. Donkor (2018). Elevated Proangiogenic Markers are Associated with Vascular Complications within Ghanaian Sickle Cell Disease Patients. *Medical Sciences*. https://doi.org/10.3390/medsci6030053

21. Charles Antwi-Boasiako, **Ivy Ekem**, Mubarak Abdul-Rahman, Fredericka Sey, Alfred Doku, Bartholomew Dzudzor, Gifty Dankwah, Kate Hager Otu, John Ahenkorah, Robert Aryee (2018). Hematological parameters in Ghanaian sickle cell disease patients. *Journal of Blood Medicine*. https://doi.org/10.2147/jbm.s169872

22. Charles Antwi-Boasiako, Eric S. Donkor, Fredericka Sey, Bartholomew Dzudzor, Gifty B. Dankwah, Kate H. Otu, Alfred Doku, Campbell A. Dale, **Ivy Ekem** (2018). Levels of Soluble Endothelium Adhesion Molecules and Complications among Sickle Cell Disease Patients in Ghana. *Diseases*. https://doi.org/10.3390/diseases6020029

23. E Akuaku-Dogbe, **I Ekem**, B Mensah (2017). ORBITAL AND ADNEXAL LYMPHOMAS AMONG ADULT PATIENTS IN GHANA. *PubMed*.

24. Charles Antwi-Boasiako, EV Asare, **Ivy Adwowa Efiefi Ekem** (2017). Sleep Patterns and Associated Clinical Correlates Amongst Ghanaian Individuals with Sickle Cell Disease. *Blood, The Journal of the American Society of Hematology*. https://ashpublications.org/blood/article-abstract/130/Supplement%201/4790/72211

25. Samuel Antwi-Bafour, Samuel Hammond, Jonathan Kofi Adjei, Ransford Kyeremeh, Alexander Martin-Odoom, **Ivy Ekem** (2016). A case–control study of prevalence of anemia among patients with type 2 diabetes. *Journal of Medical Case Reports*. https://doi.org/10.1186/s13256-016-0889-4

26. **I Ekem** (2016). Variation in pain and clinical indices among patients with sickle cell disease in Ghana. *J Blood Disord*. https://ir.ucc.edu.gh/server/api/core/bitstreams/499d847c-780e-4586-83eb-87a832bd50da/content

27. Y Dei-Adomakoh, J K Acquaye, **I Ekem**, C Segbefia (2015). Second Trimester Anaemia in Pregnant Ghanaians. *PubMed*.

28. C Antwi-Boasiako, E Frimpong, GK Ababio, B Dzudzor, **I Ekem**, B Gyan, NA Sodzi-Tettey, DA Antwi (2015). Sickle cell disease: reappraisal of the role of foetal haemoglobin levels in the frequency of vaso-occlusive crisis. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v49i2.7

29. KG Amoah, M Newman-Nartey, **I Ekem** (2015). The orthodontic management of an adult with sickle cell disease. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v49i3.13

30. **Ivy Ekem** (2014). A 28-year-old Man from Ghana with a Chronic Ulcer on His Ankle. *Clinical Cases in Tropical Medicine E-Book*. https://books.google.com/books?hl=en&lr=&id=CiIsAwAAQBAJ&oi=fnd&pg=PA241&dq=info:bydmvimI8MsJ:scholar.google.com&ots=1DgatEii7m&sig=FYZuQ_6fn3lz9tUHI1LquSpIEpE

31. Alice Charwudzi, Edeghonghon E. Olayemi, **Ivy Ekem**, Olufunmilayo Olopade, Mariann Coyle, Amma Anima Benneh, Emmanuel Alote Allotey (2014). A Preliminary Study of the Suitability of Archival Bone Marrow and Peripheral Blood Smears for Diagnosis of CML Using FISH. *Advances in Hematology*. https://doi.org/10.1155/2014/604165

32. C Segbefia, **I Ekem** (2014). Cutaneous Involvement of Hodgkin Lymphoma in a Child--Case Report. *East Afr Med J*. https://www.academia.edu/download/83718453/98933.pdf

33. YA Dei-Adomakoh, **I Ekem**, CI Segbefia (2014). Diagnosing Anaemia: an Overview. *Postgraduate Medical Journal of Ghana*.

34. A Anum, **I Ekem** (2014). Neuropsychological Functioning of Adult Sickle Cell Disease Patients in Ghana. *Changing Trends in Mental Health Care an*. https://books.google.com/books?hl=en&lr=&id=y_lWEAAAQBAJ&oi=fnd&pg=PA129&dq=info:2zrb3Yo-21sJ:scholar.google.com&ots=q_eWsKvlc9&sig=IdTYFDcycp1dW6hZzQSig2IUOLk

35. Olufolake Adisa, Benjamin Yaw Owusu, Yijuan Hu, Samit Ghosh, Fang Tan, Frederika Sey, **Ivy Ekem**, Isaac Quaye, Solomon F Ofori-Acquah (2013). Determinants Of Heme-Oxygenase-1 Upregulation In Patients With Sickle Cell Disease. *Blood*. https://doi.org/10.1182/blood.v122.21.2235.2235

36. Y A Dei-Adomakoh, C Segbefia, **I Ekem**, A Taylor (2013). Multicentric Castleman's disease in a Ghanaian adult. *PubMed*.

37. **Ivy Ekem**, Christabel Enweronu-Laryea (2011). Sickle cell hemoglobinopathies are a group of inherited diseases characterized by an abnormality in the β-chain of the hemoglobin molecule. Sickle cell disease (SCD) is found …. *Eur J Ophthalmol*. https://ir.ucc.edu.gh/server/api/core/bitstreams/811bcb39-bb83-412d-adf2-3876febda721/content

38. Alfred Osafo-Kwaako, Kahaki Kimani, Dunera Ilako, Stephen Akafo, **Ivy Ekem**, Onike Rodhgues, Christabel Enweronu-Laryea, Martin M. Nentwich (2010). Ocular Manifestations of Sickle Cell Disease at the Korlebu Hospital, Accra, Ghana. *European Journal of Ophthalmology*. https://doi.org/10.5301/ejo.2010.5977

39. **Ivy Adwowa Efiefi Ekem** (2009). Hypersegmented neutrophils and reversible hyperpigmentation in vitamin B12deficiency in Ghana. *BMJ Case Reports*. https://doi.org/10.1136/bcr.08.2008.0686

40. **IVY EKEM** (2009). The effects of knowledge and health beliefs on coping amongst adult sickle cell patients. *Ghana International Journal of Mental Health*. https://journals.ug.edu.gh/index.php/gijmh/article/view/2641

41. Elizabeth Parkins, Roger G. Owen, George Bedu-Addo, Ohene Opare Sem, **Ivy Ekem**, Yvonne Adomakoh, Imelda Bates (2009). UK-based real-time lymphoproliferative disorder diagnostic service to improve the management of patients in Ghana. *Journal of Hematopathology*. https://doi.org/10.1007/s12308-009-0032-1

42. Elizabeth A. Stephens, Imelda Bates, George Bedu-Addo, **Ivy Ekem**, Yvonne Dei, Ohene K. Opare-Sem, Sheila J.M. O'Connor, Paul A.S. Evans, Rebecca A. Rollett, Roger G. Owen (2006). Tropical Splenic Lymphoma: Splenic Marginal Zone Lymphoma or Distinct Entity?. *Blood*. https://doi.org/10.1182/blood.v108.11.4654.4654

43. K Teye, IKE Quaye, Y Koda, M Soejima, M Tsuneoka, H Pang, **I Ekem**, AGB Amoah, A Adjei, H Kimura (2003). A−61C and C−101G Hp gene promoter polymorphisms are, respectively, associated with ahaptoglobinaemia and hypohaptoglobinaemia in Ghana. *Clinical Genetics*. https://doi.org/10.1034/j.1399-0004.2003.00149.x

44. **I Ekem** (2000). Childhood acute lymphoblastic leukaemia (ALL) in Ghanaians and Germans--a comparative study. *West African Journal of Medicine*. https://europepmc.org/article/med/10821087

Conference papers 2

1. Edeghonghon Olayemi, **I Ekem** (2016). INFLUENCE OF UNDERWEIGHT STATUS ON THE CLINICAL PHENOTYPE OF AN INTERNATIONAL COHORT OF SICKLE CELL DISEASE PATIENTS: THE CASIRE GROUP ANALYSIS. *HAEMATOLOGICA*. https://scholar.google.com/scholar?cluster=13799252568491664686&hl=en&oi=scholarr

2. **IVY Ekem** (2013). EFFECTS OF VITAMIN C SUPPLEMENTATION ON SICKLE CELL DISEASE: A DOUBLE BLIND PLACEBO-CONTROLLED STUDY. *ANNALS OF NUTRITION AND METABOLISM*. https://scholar.google.com/scholar?cluster=3214099625621121572&hl=en&oi=scholarr

Reports 1

1. **I Ekem** (2014). A 28-year-old Man from Ghana with a Chronic Ulcer on His Ankle: Leg Ulcers in Sickle Cell Disease. *Clinical Cases in Tropical Medicine*. https://scholar.google.com/scholar?cluster=8719833327085755289&hl=en&oi=scholarr