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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	618	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. 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/pmjpg.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/pmjpg.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/pmjpg.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=scholar>
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 Gyngiri 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. Ivy Adwowa Efieffi Ekem (2017). Sleep Patterns and Associated Clinical Correlates Amongst Ghanaian Individuals with Sick 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). Sick 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=CilsAwAAQBAJ&oi=fnd&pg=PA241&dq=info:bydmviml8MsJ:scholar.google.com&ots=1DgatEii7m&sig=FYZuQ_6fn3lz9tUHI1LquSplEpE
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. 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. I Ekem (2014). Diagnosing Anaemia: an Overview. *Postgraduate Medical Journal of Ghana*.
34. I Ekem (2014). Neuropsychological Functioning of Adult Sick Cell Disease Patients in Ghana. *Changing Trends in Mental Health Care an*. https://books.google.com/books?hl=en&lr=&id=y_IWEAAAQBAJ&oi=fnd&pg=PA129&dq=info:2zrb3Yo-21sJ:scholar.google.com&ots=q_eWsKvIc9&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 Sick 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 (2011). Sick cell hemoglobinopathies are a group of inherited diseases characterized by an abnormality in the β -chain of the hemoglobin molecule. Sick 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 Sick Cell Disease at the Korlebu Hospital, Accra, Ghana. *European Journal of Ophthalmology*. <https://doi.org/10.5301/ejo.2010.5977>
39. Ivy Adwowa Efieffi Ekem (2009). Hypersegmented neutrophils and reversible hyperpigmentation in vitamin B12 deficiency 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 Opere 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. 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=scholar>
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=scholar>

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=scholar>