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RESEARCH

Interests	Chemical Pathology
Areas	Epidemiology · Endocrinology, Diabetes and Metabolism · Infectious Diseases · Cardiology and Cardiovascular Medicine · Hepatology · Public Health, Environmental and Occupational Health

RESEARCH SUMMARY

28	350	10	12	2.59	12%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 28 publications listed below, 2011–2026. Field-weighted impact is the mean over the 25 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 25 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 28

1. Oksana Ryabinina, Francis Ohene Addo, Nicholas Ekow Thomford, Francis Zumesew, Alexandra Adjakie Debrah, **Paul Nsiah**, Isabel Oduro-Boateng, Nasara Umaimah Abubakar Sadiq, Raji Sakibu Abdul, Reindoff Junior Ofori -Atta, Emmanuel Timmy Donkoh (2026). Antihypertensive medication adherence and associated risk factors among adults with hypertension: a cross-sectional study in a teaching hospital, Ghana. *BMC Cardiovascular Disorders*. https://doi.org/10.1186/s12872-025-05410-3
2. Bismark Opoku Mensah, Linda Ahenkorah Fondjo, **Paul Nsiah**, Emma Edwards (2026). Urinary Epithelial Cell Adhesion Molecule (EpCAM) as a Noninvasive Biomarker for Detecting Clinically Significant Prostate Cancer in Men With Equivocal PSA Levels. *BioMed Research International*. https://doi.org/10.1155/bmri/3839816
3. **Paul Nsiah**, Samuel Acquah, Ansumana Sandy Bockarie, George Adjei, Ebenezer Aniakwaa-Bonsu, Oksana Ryabinina (2025). Non-high-density lipoprotein cholesterol predicts cardiovascular risk better than remnant cholesterol in patients with type 2 diabetes mellitus. *Frontiers in Cardiovascular Medicine*. https://doi.org/10.3389/fcvm.2025.1551203
4. R. Adatsi, F. Pappoe, A.S. Bockarie, L. Derkyi-Kwarteng, **P. Nsiah**, E.W. Weyori, K. Dankwa, E. Aniakwaa-Bonsu, J. Setorglo, S. Acquah (2024). Falciparum malaria is associated with risk markers of type 2 diabetes mellitus in individuals with or without COVID-19 exposure. *African Journal of Clinical and Experimental Microbiology*. https://doi.org/10.4314/ajcem.v25i1.2
5. Jeffrey Amankona Obeng, Richard Kujo Adatsi, Leonard Derkyi-Kwarteng, Ansumana Sandy Bockarie, Samuel Victor Nuvor, Ebenezer Aniakwaa-Bonsu, **Paul Nsiah**, Samuel Acquah (2024). Increased diabetogenic risk of recovered COVID-19 infection and unexposed respondents in the Central Region of Ghana. *Scientific African*. https://doi.org/10.1016/j.sciaf.2024.e02179
6. Nicholas Ekow Thomford, Faustina Adu, Cyril Gavor-Kwashi, Samuel Badu Nyarko, **Paul Nsiah**, Richard Dadzie Ephraim, George Adjei, Akwasi Anyanful (2023). An exploratory pharmacogenetic screening of SLC22A6, SLC22A8, ABCC4 and ABCC10 genes in a cohort of Ghanaian HBV patients. *Egyptian Journal of Medical Human Genetics*. https://doi.org/10.1186/s43042-023-00428-8
7. A. S. Bockarie, Y. A. Nartey, **P. Nsiah**, E. K. M. Edzie, D. Tuoyire, S. Acquah, S. Eliason, B. Nkum (2023). Fatty liver biomarkers and insulin resistance indices in the prediction of non-alcoholic fatty liver disease in

Ghanaian patients. *Endocrinology Diabetes & Metabolism*. https://doi.org/10.1002/edm2.456

8. Richard Kujo Adatsi, Ansumana Sandy Bockarie, Leonard Derkyi-Kwarteng, Faustina Pappoe, **Paul Nsiah**, Kwabena Dankwa, Samuel Acquah (2023). Increased insulin resistance with reduced beta cell function in recovered COVID-19 Ghanaians. *Endocrine and Metabolic Science*. https://doi.org/10.1016/j.endmts.2023.100150
9. Felix Yirdong, Sebastian Eliason, Frank N. Ghartey, Evans Ekenam, Kingsley K. A. Pereko, Emmanuel Okai, Felix Yiridong, Oheneba C. K. Hagan, **Paul Nsiah** (2020). Anthropometric indices and cardiometabolic risk factors in a Ghanaian adolescent population. *Journal of Pediatric Endocrinology and Metabolism*. https://doi.org/10.1515/jpem-2020-0273
10. Nicholas Ekow Thomford, Robert Peter Biney, Emmanuel Okai, Akwasi Anyanful, **Paul Nsiah**, Prosperity G. Frimpong, Dominic O. Boakye, Charles A. Adongo, Paul Kruszka, Ambroise Wonkam (2020). Clinical Spectrum of congenital heart defects (CHD) detected at the child health Clinic in a Tertiary Health Facility in Ghana: a retrospective analysis. *Journal of Congenital Cardiology*. https://doi.org/10.1186/s40949-020-00034-y
11. 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*.
12. Shibani A. Ghosh, Nicholas R. Strutt, Gloria E. Otoo, Devika J. Suri, Judith Ankrah, Thomas Johnson, **Paul Nsiah**, Chie Furuta, Hitoshi Murakami, Gillian Perera, Kenneth Chui, Kennedy Bomfeh, Harold Amonoo-Kuofi, Kwaku Tano-Debrah, Ricardo Uauy (2019). A macro- and micronutrient-fortified complementary food supplement reduced acute infection, improved haemoglobin and showed a dose–response effect in improving linear growth: a 12-month cluster randomised trial. *Journal of Nutritional Science*. https://doi.org/10.1017/jns.2019.18
13. Faustina Pappoe, Charles Kofi Oheneba Hagan, Dorcas Obiri-Yeboah, **Paul Nsiah** (2019). Sero-prevalence of hepatitis B and C viral infections in Ghanaian HIV positive cohort: a consideration for their health care. *BMC Infectious Diseases*. https://doi.org/10.1186/s12879-019-4027-y
14. Maryam Yakubu, Edwin Ferguson Laing, **Paul Nsiah**, Richard Anthony, Emmanuel Acheampong, Samuel Kojo Asamoah, Enoch Odame Anto, Gabriel Djokoto, Evans Adu Asamoah, Eddie-Williams Owiredu (2019). Vitamin B12 deficiency in type 2 diabetic patients on metformin: a cross-sectional study from South-Western part of Ghana. *Alexandria Journal of Medicine*. https://doi.org/10.1080/20905068.2019.1662647
15. Worlanyo Eric Gato, Samuel Acquah, **Paul Nsiah**, Samuel Tawiah Opoku, Bettye Appiah Apenteng, Benjamin Kwasi Johnson (2018). Blood pressure control, glycemic control, and dyslipidemia among healthy adults in the Cape Coast metropolis, Ghana. *Diabetes & Metabolic Syndrome Clinical Research & Reviews*. https://doi.org/10.1016/j.dsx.2018.08.020
16. Oheneba C.K. Hagan, **Paul Nsiah**, Dorcas Obiri-Yeboah, Felix Yirdong, Isaac Annan, Sebastian Eliason, Samuel V. Nuvor (2018). Impact of universal childhood vaccination against hepatitis B in Ghana: A pilot study. *Journal of Public Health in Africa*. https://doi.org/10.4081/jphia.2018.721
17. Prince Adoba, Richard K. D. Ephraim, Kate Adomakowaah Kontor, Joseph-Josiah Bentsil, Patrick Adu, Maxwell Anderson, Samuel Asamoah Sakyi, **Paul Nsiah** (2018). Knowledge Level and Determinants of Neonatal Jaundice: A Cross-Sectional Study in the Effutu Municipality of Ghana. *International Journal of Pediatrics*. https://doi.org/10.1155/2018/3901505
18. Dorcas Obiri-Yeboah, Yaw Asante Awuku, Wonderful Alofa, Alice Charwudzi, Ebenezer Aniakwa-Bonsu, Evans Obboh, **Paul Nsiah** (2018). Renal dysfunction among adult HIV/AIDS patients on antiretroviral therapy at a tertiary facility in Ghana. *BMC Nephrology*. https://doi.org/10.1186/s12882-018-1130-z
19. Dorcas Obiri-Yeboah, Yaw Asante Awuku, Joseph Adu, Faustina Pappoe, Evans Obboh, **Paul Nsiah**, Daniel Amoako-Sakyi, Jacques Simpore (2018). Sero-prevalence and risk factors for hepatitis E virus infection among pregnant women in the Cape Coast Metropolis, Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0191685
20. Robert Amadu Ngala, Martin Akilla Awe, **Paul Nsiah** (2018). The effects of plasma chromium on lipid profile, glucose metabolism and cardiovascular risk in type 2 diabetes mellitus. A case - control study.

PLoS ONE. https://doi.org/10.1371/journal.pone.0197977

21. **M. Yakubu P. Nsiah** (2017). Assessment of Vitamin B12 Levels in Type 2 Diabetics on Metformin Therapy. *Clinical Chemistry*.

22. Shibani Ghosh, Nicholas Strutt, Gloria E Otoo, Devika J Suri, Judith Ankrah, Thomas Johnson, **Paul Nsiah**, Chie Furuta, Hitoshi Murakami, Gillian Perera, Kenneth Kwan Ho Chui, Kennedy Bomfeh, Harold Amoono Kuofi, Kwaku Tano Debrah, Ricardo Uauy (2017). Effect of the provision of a macro- and micro-nutrient fortified complementary food supplement on nutritional status of Ghanaian infants. *The FASEB Journal*. https://doi.org/10.1096/fasebj.31.1_supplement.43.1

23. Francis Agyemang Yeboah, Bernard Nkum, Bright Amankwaa, Benjamin Ackon Eghan Jr., Emmanuel Acheampong, **Paul Nsiah**, Perditer Okyere, Lawrence Owusu, Emmanuella Batu Nsenba, Enoch Odame Anto (2017). Metabolic Syndrome among Ischaemic Stroke Patients in Ghana: The Possible Role of Renin and Aldosterone. *OALib*. https://doi.org/10.4236/oalib.1103952

24. **Paul Nsiah** (2017). Prevalence of Metabolic Syndrome Among Diabetes Patients in Central Regional Hospital, Cape Coast, Ghana. *Journal of Food and Nutrition Sciences*. https://doi.org/10.11648/j.jfns.20170502.13

25. E. K. ABU, J. N. BOAMPONG, I. AYI, G. GHARTEY-KWANSAH, R. AFOAKWAH, **P. NSIAH**, E. BLAY (2014). Infection risk factors associated with seropositivity forToxoplasma gondiiin a population-based study in the Central Region, Ghana. *Epidemiology and Infection*. https://doi.org/10.1017/s0950268814002957

26. DNM Osakunor, P Adoba, SA Sakyi, EO Anto, RKD Ephraim, **P Nsiah** (2014). Seroprevalence of hepatitis B and C viral infections among type 2 diabetics: A cross-sectional study in the Cape Coast metropolis. *Annals of Medical and Health Sciences Research*. https://doi.org/10.4103/2141-9248.141529

27. **B. A. Eghan. P. Nsiah** (2014). The usefulness of non-HDL cholesterol in less resourced countries. *Clinical Chemistry*.

28. **B.A. Eghan P. Nsiah** (2011). Absolute total fat is more associated with diabetes and cardiovascular disease risk than central adiposity in Sub-Saharan subjects. *Diabetic Medicine*.