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RESEARCH

Areas Infectious Diseases · Public Health, Environmental and Occupational Health · Immunology · Parasitology · Epidemiology · Virology

RESEARCH SUMMARY

40	546	13	16	1.23	13%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 40 publications listed below, 1998–2026. 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. 5 of the 40 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 38

1. Gideon Agyare, David Courtin, Samuel Asamoah Sakyi, Gideon Kwesi Nakotey, Naa Adjeley Frempong, Prince Amoah Barnie, Samuel Kofi Tchum, **Samuel Victor Nuvor**, Benjamin Amoani (2026). Malaria-diabetes comorbidity is linked to higher parasitaemia and enhanced IgG response to malaria vaccine candidate antigens. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0341659
2. Precious Barnes, Elvis Agbo, Faustina Halm-Lai, Kwabena Dankwa, Roland Osei Saahene, **Samuel Victor Nuvor**, Dorcas Obiri-yeboah, Ewura Seidu Yahaya (2025). Insight into the immunomodulatory and chemotherapeutic mechanisms of paeonol (Review). *Medicine International*. https://doi.org/10.3892/mi.2025.223
3. Precious Barnes, Abraham Mensah, Leonard Derkyi-Kwarteng, Ernest Adankwa, Elvis Agbo, Ewura Yahaya, Benjamin Amoani, Emmanuel Imbeah, George Adjei, Patrick Akakpo, Faustina Halm-Lai, Kwabena Dankwa, **Samuel Nuvor**, Roland Saahene, Dorcas Obiri-yeboah (2025). NF-κB (p65) protein expression in head and neck tumors and its association with clinicopathological parameters. *World Academy of Sciences Journal*. https://doi.org/10.3892/wasj.2025.330
4. R. Osei Saahene, P. Barnes, A. Mensah, L. Derkyi-Kwarteng, E. Adankwah, E. Agbo, E.S. Yahaya, P.K. Akakpo, F. Pappoe, K. Dankwa, D. Amoako-Sakyi, **S.V. Nuvor**, D. Obiri-Yeboah (2024). Clinical Validation of Nuclear Factor Kappa B (p65) Among Head and Neck Cancer Patients at One Institution. *International Journal of Radiation Oncology*Biology*Physics*. https://doi.org/10.1016/j.ijrobp.2024.01.072
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. Kwame Kumi Asare, Sebastian Shine Kwapong, Prosper Tey, Vincent Sackey, **Samuel Victor Nuvor**, Linda Eva Amoah (2024). Plasmodium Falciparum and mosquito vector IgG patterns across suspected malaria cases in Ghana. *BMC Infectious Diseases*. https://doi.org/10.1186/s12879-024-10248-9
7. Emmanuel Salia, Yvonne Ayerki Nartey, Francis Tanam Djankpa, Faustina Pappoe, **Samuel Victor Nuvor**, Dorcas Obiri-Yeboah (2024). Prevalence of occult hepatitis B infection among treatment-naive persons living with HIV in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0305862
8. Faustina Pappoe, Abraham Mensah, Leonard Derkyi-Kwarteng, Ernest Adankwa, Elvis Agbo, Ewura Seidu

Yahaya, Benjamin Amoani, George Adjei, Samuel Mingyigilougu Apewe Ka-Chungu, Patrick Kafui Akakpo, Faustina Halm-Lai, Kwabena Dankwa, Daniel Amoako-Sakyi, **Samuel Victor Nuvor**, Dorcas Obiri-Yeboah, Roland Osei Saahene (2024). Prognostic Significance of Nuclear Factor Kappa B (p65) among Breast Cancer Patients in Cape Coast Teaching Hospital. *Medical Principles and Practice*. https://doi.org/10.1159/000539241

9. Ernest Obese-Djomoah, Evangeline Obodai, Emmanuel Gbevi, Ewurabena Duker, Keren Attiku, Miriam Eshun, Bismarck Boahene, **Samuel Victor Nuvor**, John Kofi Odoom (2022). Environmental Surveillance of Poliovirus in Four Districts within Two Regions of Ghana. *Journal of Biomedical Research & Environmental Sciences*. https://doi.org/10.37871/jbres1514

10. Yatik Konlaan, Samuel Asamoah Sakyi, Kwame Kumi Asare, Prince Amoah Barnie, Stephen Opoku, Gideon Kwesi Nakotey, **Samuel Victor Nuvor**, Benjamin Amoani (2022). Evaluating immunohaematological profile among COVID-19 active infection and recovered patients in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0273969

11. Roland Osei. Saahene, Elvis Agbo, Precious Barnes, Ewura Seidu Yahaya, Benjamin Amoani, **Samuel Victor Nuvor**, Perditer Okyere (2021). A Review: Mechanism of Phyllanthus urinaria in Cancers—NF-κB, P13K/AKT, and MAPKs Signaling Activation. *Evidence-based Complementary and Alternative Medicine*. https://doi.org/10.1155/2021/4514342

12. Kwabena Dankwa, Patrick K. Feglo, **Samuel V. Nuvor**, Michael Aggrey-Korsah, Mohamed Mutocheluh (2021). Cryptosporidium Infection and Associated Risk Factors among Cattle in the Central Region of Ghana. *Journal of Parasitology Research*. https://doi.org/10.1155/2021/6625117

13. Benjamin Amoani, Ben Gyan, Samuel Asamoah Sakyi, Emmanuel Kwasi Abu, **Samuel Victor Nuvor**, Precious Barnes, Tracy Sarkodie-Addo, Benjamin Ahenkorah, Christian Sewor, Duah Dwomoh, Michael Theisen, Michael Cappello, Michael D. Wilson, Bright Adu (2021). Effect of hookworm infection and anthelmintic treatment on naturally acquired antibody responses against the GMZ2 malaria vaccine candidate and constituent antigens. *BMC Infectious Diseases*. https://doi.org/10.1186/s12879-021-06027-5

14. Kwabena Dankwa, **Samuel Victor Nuvor**, Dorcas Obiri-Yeboah, Patrick Kwame Feglo, Mohamed Mutocheluh (2021). Occurrence of Cryptosporidium Infection and Associated Risk Factors among HIV-Infected Patients Attending ART Clinics in the Central Region of Ghana. *Tropical Medicine and Infectious Disease*. https://doi.org/10.3390/tropicalmed6040210

15. Peter Suwirakwenda Nyasulu, Jacqueline Weyer, Rea Tschopp, Adane Mihret, Abraham Aseffa, **Samuel Victor Nuvor**, Jacques Lukenze Tamuzi, Luke Nyakarahuka, Gideon Kofi Helegbe, Nyanda Elias Ntinginya, Melaku Tefera Gebreyesus, Seydou Doumbia, Reinhard Busse, Christian Drosten (2021). Rabies mortality and morbidity associated with animal bites in Africa: a case for integrated rabies disease surveillance, prevention and control: a scoping review. *BMJ Open*. https://doi.org/10.1136/bmjopen-2020-048551

16. Ebenezer Aniakwaa-Bonsu, Daniel Amoako-Sakyi, Kwabena Dankwa, James Kojo Prah, **Samuel Victor Nuvor** (2021). Seroprevalence of Dengue Viral Infection among Adults Attending the University of Cape Coast Hospital. *Advances in Infectious Diseases*. https://doi.org/10.4236/aid.2021.111008

17. Benjamin Amoani, Bright Adu, Margaret T. Frempong, Tracy Sarkodie-Addo, **Samuel Victor Nuvor**, Emmanuel Kwasi Abu, Lisa M. Harrison, Michael Cappello, Ben Gyan, Michael D. Wilson (2019). Cytokine profiles of Necator americanus and Plasmodium falciparum co-infected patients in rural Ghana. *Cytokine X*. https://doi.org/10.1016/j.cytox.2019.100014

18. Inusah D. Iddrisu, Akwasi Anyanful, **Samuel V. Nuvor** (2019). Incidence of adverse events after discharge from a secondary hospital in northern Ghana. *International Journal of Community Medicine and Public Health*. https://doi.org/10.18203/2394-6040.ijcmph20192295

19. Benjamin Amoani, Bright Adu, Margaret T. Frempong, Tracy Sarkodie-Addo, **Samuel Victor Nuvor**, Michael D. Wilson, Ben Gyan (2019). Levels of serum eosinophil cationic protein are associated with hookworm infection and intensity in endemic communities in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0222382

20. 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

21. Stephen Kpekura, Jerry P. K. Ninnoni, **Samuel V. Nuvor** (2018). Knowledge and attitude of patients with diabetes in government hospitals in the Upper West Region of Ghana. *International Journal of Community Medicine and Public Health*. https://doi.org/10.18203/2394-6040.ijcmph20183565
22. Ruth Nimota Nukpezah, **Samuel Victor Nuvor**, Jerry Ninnoni (2018). Knowledge and practice of exclusive breastfeeding among mothers in the tamale metropolis of Ghana. *Reproductive Health*. https://doi.org/10.1186/s12978-018-0579-3
23. Kwabena Dankwa, Dennis Owusu Siaw, Evans Kofi Obboh, Bhavana Singh, **Samuel V. Nuvor** (2018). Parasitic Profile of Fresh Vegetables Sold in Selected Markets of the Cape Coast Metropolis in Ghana. *Annual Research & Review in Biology*. https://doi.org/10.9734/arrb/2018/43840
24. Prince Asare-Bediako, Kwabena Dankwa, Daniel E. Azumah, **Samuel V. Nuvor** (2018). Seroprevalence and Risk Factors of Syphilis Infection among Antiretroviral Therapy Naive HIV Patients at the Cape Coast Teaching Hospital, Ghana. *World Journal of AIDS*. https://doi.org/10.4236/wja.2018.83007
25. Festus K. Acquah, Evans K. Obboh, Kwame Asare, Johnson N. Boampong, **Samuel Victor Nuvor**, Susheel K. Singh, Michael Theisen, Kim C. Williamson, Linda Eva Amoah (2017). Antibody responses to two new Lactococcus lactis-produced recombinant Pfs48/45 and Pfs230 proteins increase with age in malaria patients living in the Central Region of Ghana. *Malaria Journal*. https://doi.org/10.1186/s12936-017-1955-0
26. L. E. Amoah, **S. V. Nuvor**, E. K. Obboh, F. K. Acquah, K. Asare, S. K. Singh, J. N. Boampong, M. Theisen, K. C. Williamson (2017). Natural antibody responses to Plasmodium falciparum MSP3 and GLURP(R0) antigens are associated with low parasite densities in malaria patients living in the Central Region of Ghana. *Parasites & Vectors*. https://doi.org/10.1186/s13071-017-2338-7
27. Faustina Pappoe, Weisheng Cheng, Lin Wang, Yuanling Li, Dorcas Obiri-Yeboah, **Samuel Victor Nuvor**, Henock Ambachew, Xiaodong Hu, Qingli Luo, Deyong Chu, Yuanhong Xu, Jilong Shen (2017). Prevalence of Toxoplasma gondii infection in HIV-infected patients and food animals and direct genotyping of T. gondii isolates, Southern Ghana. *Parasitology Research*. https://doi.org/10.1007/s00436-017-5442-x
28. **Samuel V. Nuvor**, Hilton Whittle, Sarah Rowland-Jones, Assan Jaye (2016). Higher Type 1 Interferon Levels in Plasma of Asymptomatic HIV-2 than in HIV-1 Individuals. *Advances in Infectious Diseases*. https://doi.org/10.4236/aid.2016.61003
29. **Samuel V. Nuvor**, Sarah Rowland-Jones, Hilton Whittle, Assan Jaye (2015). Differential Expressions of Selected Activating and Inhibitory Receptors on K562-Stimulated Natural Killer (NK) Cells in HIV-1 and HIV-2 Infections. *World Journal of AIDS*. https://doi.org/10.4236/wja.2015.51003
30. Kwabena Dankwa, Ransford Kumi, Richard Ephraim, Latif Adams, Daniel Amoako-Sakyi, Samuel Essien-Baidoo, **Samuel Nuvor** (2015). Intestinal Parasitosis among Primary School Pupils in Coastal Areas of the Cape Coast Metropolis, Ghana. *International Journal of TROPICAL DISEASE & Health*. https://doi.org/10.9734/ijtdh/2015/18026
31. Nti-Boakye Faustina, Kwabena Dankwa, Charles Ampiah, Johnson Boampong, **Samuel Nuvor** (2015). Seroprevalence of Syphilis Infection in Individuals at Cape Coast Metropolis, Ghana. *Journal of Advances in Medicine and Medical Research*. https://doi.org/10.9734/bjmmr/2015/16267
32. Amaris T. D. Baah, Daniel E. Azumah, Charles Ampiah, Johnson Boampong, **Samuel V. Nuvor** (2014). Incidence of Human Immunodeficiency Virus in Sickle Cell Patients in the Cape Coast Metropolis, Ghana. *World Journal of AIDS*. https://doi.org/10.4236/wja.2014.43040
33. **Samuel V. Nuvor**, Hilton Whittle, Sarah Rowland-Jones, Assan Jaye (2012). Greater Expansion of IFN-γ - CD4+ NKT Cells in HIV-1 Compared with HIV-2-Infected Subjects with Preserved CD4+ T Cell Counts. *World Journal of AIDS*. https://doi.org/10.4236/wja.2012.22014
34. Brandon L. Guthrie, Barbara Lohman-Payne, Amy Y. Liu, Rose Bosire, **Samuel Victor Nuvor**, Robert Y. Choi, Romel D. Mackelprang, James N. Kiarie, Stephen C. De Rosa, Barbra A. Richardson, Grace C. John-Stewart, Carey Farquhar (2012). HIV-1-Specific Enzyme-Linked Immunosorbent Spot Assay Responses in HIV-1-Exposed Uninfected Partners in Discordant Relationships Compared to Those in Low-Risk Controls. *Clinical and Vaccine Immunology*. https://doi.org/10.1128/cvi.00179-12

35. **Samuel Victor Nuvor**, Sarah Rowland-jones, Hilton Whittle, Assan Jaye (2010). Comparison of Cytotoxic activity and Interferon-g secretion by Natural Killer Cells in HIV-1 and HIV-2 infected individuals. *Retrovirology*. https://doi.org/10.1186/1742-4690-7-s1-p9

36. **S. V. Nuvor**, H. Katano, W. K. Ampofo, J. S. Barnor, T. Sata (2001). Higher Prevalence of Antibodies to Human Herpesvirus 8 in HIV-Infected Individuals than in the General Population in Ghana, West Africa. *European Journal of Clinical Microbiology & Infectious Diseases*. https://doi.org/10.1007/s100960100517

37. S. Aidoo, W. K. Ampofo, J. A. M. Brandful, **S. V. Nuvor**, J. K. Ansah, N. Nii-Trebi, J. S. Barnor, F. Apeagyei, T. Sata, D. Ofori-Adjei, K. Ishikawa (2001). Suitability of a Rapid Immunochromatographic Test for Detection of Antibodies to Human Immunodeficiency Virus in Ghana, West Africa. *Journal of Clinical Microbiology*. https://doi.org/10.1128/jcm.39.7.2572-2575.2001

38. **S.V. Nuvor**, A.D. Agyei, R.K.G. Assoku (1998). Oocyst Counts in Crossbred Ewes under Tree-Crop Plantation in the Forest Zone of Ghana. *Tropical Animal Health and Production*. https://doi.org/10.1023/a:1005030601728

Book chapters 2

1. Roland Osei Saahene, Precious Barnes, **Samuel Victor Nuvor** (2022). The Interactive Role of Macrophages in Innate Immunity. *IntechOpen eBooks*. https://doi.org/10.5772/intechopen.103924

2. Faustina Pappoe, **Samuel Victor Nuvor** (2021). Host-Microbial Relationship: Immune Response to Microbial Infections with or without Medication. *IntechOpen eBooks*. https://doi.org/10.5772/intechopen.97814