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RESEARCH

Interests	infectious diseases · gastroduodenal pathologies · molecular biology
Areas	Endocrinology, Diabetes and Metabolism · Molecular Biology · Surgery · Infectious Diseases · Parasitology · Ecology

RESEARCH SUMMARY

26	483	12	12	2.43	30%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 26 publications listed below, 2016–2026. Field-weighted impact is the mean over the 20 works scored for it; 1.00 is the world average for works of the same field, type and year. 6 of the 20 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 24

1. **ERIC GYAMERAH OFORI** (2026). Genomic determinants of antibiotic resistance for Helicobacter pylori treatment: a retrospective phenotypic and genotypic observational study. *The Lancet Microbe*. https://www.thelancet.com/journals/lanmic/article/PIIS2666-5247(25)00145-4/fulltext
2. Tashie Evangeline Ngwanguong, Cynthia Ayefoumi Adinortey, Patrick Opare Sakyi, Gerald Ngo Teke, Lifoter Kenneth Navti, Daniel Boison, Ekow Sekyi Etwire, **Eric Gyamerah-Ofori**, Rosemary Agbeko, Samuel Kojo Kwofie, Michael Buenor Adinortey (2026). In Silico identification of bioactive compounds from Syzygium guineense (Willd.) DC. var. guineense as potential DNA gyrase inhibitors against Salmonella Typhi. *In Silico Research in Biomedicine*. https://doi.org/10.1016/j.insi.2026.100544
3. Justice Afrifa, **Eric Gyamerah Ofori**, Evans Duah, Ibrahim W. Naveh-fio, Gabriel Pezahso Kotam, Yeboah Kwaku Opoku, Addae Boateng Adu-Gyamfi, Helena Acquah, Enoch Essiam, Samuel Essien-Baidoo, Kwame Kumi Asare, Richard K. D. Ephraim (2026). Oxidative Stress in Heat Stress Nephropathy: Crosstalk. *Oxidative Medicine and Cellular Longevity*. https://doi.org/10.1155/omcl/1708417
4. Regina Ama Frimpomaa Udzu, Felix Charlse Mills-Robertson, Samuel Tetteh Lowor, Bawa Mbage, Daniel Ako Tetteh, Patrick Twumasi, **Eric Gyamerah Ofori**, David Osam Acquaye (2026). The Impact of Fermentation Duration and Harvesting Season on the Proximate and Physicochemical Parameters of Cocoa (Theobroma cacao L.) Beans From Ghana. *Journal of Food Quality*. https://doi.org/10.1155/jfq/7543465
5. **Eric Gyamerah Ofori**, Foster KYEI, Cynthia Ayefoumi Adinortey, Ansumana Sandy Bockarie, Daniel Boison, Michael Buenor Adinortey (2025). Helicobacter pylori: Detection of dupA, iceA and cagE genes in Ghanaian patients with dyspepsia. *International Journal of Biological and Chemical Sciences*. https://www.ajol.info/index.php/ijbcs/article/view/304061
6. **Eric Gyamerah Ofori**, Foster Kyei, Emmanuel Ayitey Tagoe, Ansumana Sandy Bockarie, Samuel Mawuli Adadey, Osbourne Quaye, Michael Buenor Adinortey, Gordon Akanzuwine Awandare, Cynthia Ayefoumi Adinortey (2025). Mutational analysis of antibiotic resistance genes in Helicobacter pylori from Ghanaian dyspepsia patients: Implications for treatment strategies. *Aspects of Molecular Medicine*. https://doi.org/10.1016/j.amolm.2025.100078
7. **ERIC GYAMERAH OFORI** (2024). Gene content, phage cycle regulation model and prophage inactivation

disclosed by prophage genomics in the Helicobacter pylori Genome Project. *Gut microbes*. https://doi.org/10.1080/19490976.2024.2379440

8. Justice Afrifa, **Eric Gyamerah Ofori**, Yeboah Kwaku Opoku, Kwame Kumi Asare, Rosemary Doe Sorkpor, Ibrahim W. Naveh-Fio, Richard Armah, Sandra Ofori, Richard K. D. Ephraim (2024). Oxidative Stress and Cancer Risk in Schistosomiasis. *Oxidative Medicine and Cellular Longevity*. https://doi.org/10.1155/omcl/9701021

9. Kaisa Thorell, Zilia Y. Muñoz-Ramírez, Difei Wang, Santiago Sandoval-Motta, Rajiv Boscolo Agostini, Silvia Ghirotto, Roberto C. Torres, Judith Romero-Gallo, Uma Krishna, Richard M. Peek, ... **Eric Gyamerah Ofori** and 89 others (2023). The Helicobacter pylori Genome Project: insights into H. pylori population structure from analysis of a worldwide collection of complete genomes. *Nature Communications*. https://doi.org/10.1038/s41467-023-43562-y

10. Yeboah Kwaku Opoku, Kwame Kumi Asare, George Ghartey-Quansah, Justice Afrifa, Felicity Bentsi-Enchill, **Eric Gyamerah Ofori**, Charles Kwesi Koomson, Rosemary Kumi-Manu (2022). Intestinal microbiome–rheumatoid arthritis crosstalk: The therapeutic role of probiotics. *Frontiers in Microbiology*. https://doi.org/10.3389/fmicb.2022.996031

11. **ERIC GYAMERAH OFORI**, CK Koomson, Collins. Owusu-Fordjour (2022). Use of Internet Health Information Resources and Information Seeking Behaviour among Undergraduate Student of Univer sity of Education, Winneba. *Journal of Health & Medical Informatics*. https://scholar.google.com/scholar?cluster=13021329734560390436&hl=en&oi=scholarr

12. Alex Boye, Victor Yao Atsu Barku, Desmond Omane Acheampong, **Eric Gyamerah Ofori** (2021). Abrus precatorius Leaf Extract Reverses Alloxan/Nicotinamide-Induced Diabetes Mellitus in Rats through Hormonal (Insulin, GLP-1, and Glucagon) and Enzymatic (α-Amylase/α-Glucosidase) Modulation. *BioMed Research International*. https://doi.org/10.1155/2021/9920826

13. Francis Ackah Armah, Isaac Tabiri Henneh, John Alake, Wisdom Ahlidja, Benjamin Amoani, **Eric Gyamerah Ofori**, Baffour Asante-Kyei, Gbadamosi Ismail Temitayo, Christian Kweku Adokoh (2021). Allanblackia floribunda Seed Extract Attenuates the Ethanol-Induced Gastric Ulcer in Rats via the Inhibition of TNF-α and INF-γ Levels and Modulation in the Expression of Ki67 Protein. *BioMed Research International*. https://doi.org/10.1155/2021/6694572

14. **ERIC GYAMERAH OFORI**, Charles Owusu-Aduomi Botchwey (2021). Prevalence and Determinants of Modern Contraceptive Utilization in the Mpohor District of Ghana. *asian journal of research in nursing and health*. https://www.researchgate.net/profile/Michael-Baidoo-7/publication/358039475_Prevalence_and_Determinants_of_Modern_Contraceptive_Utilization_in_the_Mpohor_District_of_Ghana/links/61ec5bc5dafcdb25fd441d61/Prevalence-and-Determinants-of-Modern-Contraceptive-Utilization-in-the-Mpohor-District-of-Ghana.pdf

15. Patrick Adu, Gilbert Appiah Kubi, Amos Kumi, Raphael E. K. Gbedoho, Festus Ansah Kwakye, Emmanuel Sarpong, Constantine Drai, Samuel Dompreh, Fredrick Afful Sersah, **Eric Ofori Gyamerah** (2020). Blood Donors' Age, Haemoglobin Type, G6PD Status, and Blood Group Impact Storability of CPDA-1 Banked Whole Blood: A Repeated-Measure Cohort Study in Cape Coast, Ghana. *Advances in Hematology*. https://doi.org/10.1155/2020/4959518

16. Alex Boye, Desmond Omane Acheampong, **Eric Ofori Gyamerah**, Ernest Amponsah Asiamah, Justice Kwaku Addo, Derrick Addae Mensah, Augustine Suurinobah Brah, Philippa Jennifer Ayiku (2020). Glucose lowering and pancreato-protective effects of Abrus Precatorius (L.) leaf extract in normoglycemic and STZ/Nicotinamide – Induced diabetic rats. *Journal of Ethnopharmacology*. https://doi.org/10.1016/j.jep.2020.112918

17. Du-Bois Asante, Isaac Tabiri Henneh, Desmond Omane Acheampong, Foster Kyei, Christian Kweku Adokoh, **Eric Gyamerah Ofori**, Nelson Kwabla Domey, Emmanuel Adakudugu, Lokeswari Prathyusha Tangella, Elvis Ofori Ameyaw (2019). Anti-inflammatory, anti-nociceptive and antipyretic activity of young and old leaves of Vernonia amygdalina. *Biomedicine & Pharmacotherapy*. https://doi.org/10.1016/j.biopha.2018.12.147

18. Kwame Kumi Asare, Yeboah Kwaku Opoku, Alberta Serwah Anning, Justice Afrifa, **Eric Ofori Gyamerah** (2019). Case Report: A case of dipylidiasis in a first-trimester pregnant woman attending a routine antenatal clinic at Elmina health centre, Ghana. *F1000Research*. https://doi.org/10.12688/f1000research.

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19. **Eric Gyamerah Ofori**, Cynthia Ayefoumi Adinortey, Ansumana Sandy Bockarie, Foster Kyei, Emmanuel Ayitey Tagoe, Michael Buenor Adinortey (2019). Helicobacter pyloriInfection, Virulence Genes' Distribution and Accompanying Clinical Outcomes: The West Africa Situation. *BioMed Research International*. https://doi.org/10.1155/2019/7312908

20. Justice Afrifa, Yeboah Kwaku Opoku, **Eric Ofori Gyamerah**, George Ashiagbor, Rosemary Doe Sorkpor (2019). The Clinical Importance of the Mercury Problem in Artisanal Small-Scale Gold Mining. *Frontiers in Public Health*. https://doi.org/10.3389/fpubh.2019.00131

21. Michael Buenor Adinortey, Justice Kwabena Sarfo, Cynthia Ayefoumi Adinortey, **Eric Gyamerah Ofori**, Jeffrey Kwarteng, Justice Afrifa, Fobi Adjei Owusu (2018). Inhibitory effects of Launaea taraxacifolia and Strychnos spinosa leaves extract on an isolated digestive enzyme linked to type -2 -diabetes mellitus. *Journal of Biology and Life Science*. https://doi.org/10.5296/jbls.v9i2.12649

22. Justice Afrifa, Desmond Gyedu, **Eric Ofori Gyamerah**, Samuel Essien-Baidoo, Isaac Mensah-Essilfie (2017). Haematological Profile and Intensity of Urogenital Schistosomiasis in Ghanaian Children. *Journal of Environmental and Public Health*. https://doi.org/10.1155/2017/4248325

23. Justice Afrifa, Samuel Essien-Baidoo, **Eric Ofori**, Albert Abaka-Yawson (2017). Trace Elements Levels and Blood Pressure in Ghanaian Women Using Depot Medroxyprogesterone Acetate Contraceptive. *Journal of Advances in Medicine and Medical Research*. https://doi.org/10.9734/bjmmr/2017/32565

24. Boampong Godfred, Emmanuel Effah-Yeboah, Precious Barnes, Heckel Amoabeng Abban, Elvis Ofori Ameyaw, Johnson Nyarko Boampong, **Eric Gyamerah Ofori**, Joseph Budu Dadzie (2016). Antidiabetic Effect of Young and Old Ethanolic Leaf Extracts of Vernonia amygdalina : A Comparative Study. *Journal of Diabetes Research*. https://doi.org/10.1155/2016/8252741

Book chapters 1

1. **ERIC GYAMERAH OFORI**, Justice Afrifa, Eric Ofori Gyamerah, Benjamin Amoani (2022). Extracellular Vesicles as Biomarkers and Therapeutic Targets in Cancers. *Physiology*. https://doi.org/10.5772/intechopen.101783

Theses 1

1. **Eric Gyamerah Ofori** (2022). Virulence Genes Distribution and Molecular Characterisation of Antibiotic Resistance in Helicobacter Pylori Infected Patients Presenting with Gastroduodenal Pathologies in the …. *University of Cape Coast*. https://ir.ucc.edu.gh/server/api/core/bitstreams/8a025dbe-e13f-4823-b456-a3c18533e8e1/content