Prof Hagan Julius Kofi

Professor · Animal Science
University of Cape Coast

ORCID 0000-0001-5720-5929 · Profile scholar.ucc.edu.gh/staff/1811093d-c199-42eb-a4c8-c0966c4c0957

RESEARCH

Areas: Animal Science and Zoology · Genetics · Agronomy and Crop Science · Plant Science · Economics and Econometrics · Nutrition and Dietetics

RESEARCH SUMMARY

27	207	9	8	0.62	4%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 27 publications listed below, 2013–2026. Field-weighted impact is the mean over the 27 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 27 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer 2014–present
Animal Science, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD 2010
Animal Science, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

TWAS Young Affiliate 2016–present
TWAS, Cape Coast, Ghana

3rd Best Young Professional Scientist in Africa 2013
FARA/CTA, Accra, Ghana

PUBLICATIONS

Journal articles 27

1. Bombason Kweku Tuoho, Samuel Kwesi Ndzebah Dadzie, **Julius Kofi Hagan**, Martin Bosompem, Robert Aidoo, Wisdom Makafui Tsetse, Isaac Kwasi Asante (2026). Drivers of agricultural students' career choices in the broiler value chain in Ghana. *Discover Agriculture*. https://doi.org/10.1007/s44279-026-00556-w
2. Bombason Kweku Tuoho, Samuel Kwesi Ndzebah Dadzie, **Julius Kofi Hagan**, Martin Bosompem, Edward Adu-Kyei (2025). Comparative analysis of the profit efficiency levels among the major actors in broiler value chain in Ghana. *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2024.2447386
3. Bombason Kweku Tuoho, Samuel Kwesi Ndzebah Dadzie, **Julius Kofi Hagan**, Martin Bosompem, Robert Aidoo, Isaac Kwasi Asante (2025). Examining the Perception of Undergraduate Students Towards Choosing Broiler Value Chain Business as a Vocation After Graduation. *SAGE Open*. https://doi.org/10.1177/21582440251377153
4. Doris Yaa Osei, Samuel Obeng Apori, **Julius Kofi Hagan**, David Amedorme, Raphael Ayizanga (2024). Growth performance and carcass characteristics of rabbits fed concentrate diets containing graded levels of Brassica oleracea outer leaves and Musa paradisiaca leaves. *World Rabbit Science*. https://doi.org/10.4995/wrs.2024.19616

5. S.A. Ofori, **J.K. Hagan**, M. Teye, B.A. Hagan, N.N. Etim (2024). Response of two broiler genotypes to diets with varying levels of inclusion of palm kernel oil residue (PKOR). *Ghanaian Journal of Animal Science*.. https://doi.org/10.4314/gjansci.v15i1.1

6. Richard Asante Botwe, **Julius Kofi Hagan**, Samuel Ayeh Ofori, Bismark Yeboah (2023). Assessment of phenotypic variation in the local quail (Coturnix coturnix) populations of Ghana. *Journal of Innovative Agriculture*. https://doi.org/10.37446/jinagri/rsa/10.1.2023.26-37

7. Francis KRUENTI, **Julius Kofi HAGAN**, Samuel Ayeh OFORI, Vida Korkor LAMPTEY (2023). Variability in proximate and mineral compositions of yolk and albumen in eggs kept under different storage conditions. *Online Journal of Animal and Feed Research*. https://doi.org/10.51227/ojafr.2023.26

8. Francis KRUENTI, **Julius Kofi HAGAN**, Samuel Ayeh OFORI, Vida Korkor LAMPTEY, Stephen ADU (2022). Effect of strain and age of layer chickens on proximate contents of egg yolk and albumen. *Online Journal of Animal and Feed Research*. https://doi.org/10.51227/ojafr.2022.37

9. Abdulmojeed Yakubu, Galle Durven, **Julius Hagan** (2022). Multivariate analysis of body weight, morphometric and thermo-physiological traits of indigenous pigs under tropical conditions. *Genetics and Biodiversity Journal*. https://doi.org/10.46325/gabj.v6i1.202

10. Doris Yaa Osei, Samuel Obeng Apori, **Julius Kofi Hagan**, Nikki Asuming-Bediako, David Amedorme, Peter Asiedu (2022). Sensory characteristics of meat from rabbits fed concentrate diets containing Brassica oleracea outer leaves and Musa paradisiaca leaves. *Ghana Journal of Science Technology and Development*. https://doi.org/10.47881/378.967x

11. Vida Korkor Lamptey, **Julius Kofi Hagan**, Bernard Ato Hagan, Francis Kruenti, Doris Yaa Osei (2022). The influence of sex and age on growth rate of domestic rabbits (Oryctolagus cuniculus). *Journal of Innovative Agriculture*. https://doi.org/10.37446/jinagri/rsa/9.2.2022.21-27

12. Francis Kruenti, **Julius Kofi Hagan**, Maxwell Okai Ansong, Vida Korkor Lamptey (2022). The quality of white and brown chicken eggs kept under different storage length and storage temperatures. *Journal of Innovative Agriculture*. https://doi.org/10.37446/jinagri/rsa/9.2.2022.1-11

13. S. A. Ofori, **J. K. Hagan** (2021). Characteristics and trait preferences of West African Dwarf goat keepers in Ghana. *Tropical Animal Health and Production*. https://doi.org/10.1007/s11250-021-02781-5

14. S. A. Ofori, **J. K. Hagan**, F. Kyei (2021). Morphometric characterization and differentiation of West African Dwarf goat populations in Ghana. *Tropical Animal Health and Production*. https://doi.org/10.1007/s11250-020-02498-x

15. S.A. Ofori, **J.K. Hagan**, F. Kyei, N.N. Etim (2021). Phenotypic and genetic characterization of qualitative traits in the West African Dwarf goat of Ghana. *Scientific African*. https://doi.org/10.1016/j.sciaf.2021.e00857

16. NseAbasi NsikakAbasi Etim, **JULIUS KOFI HAGAN**, Gabriela Mancilla-Montelongo (2021). Testicular characteristics of West African Dwarf (WAD) rams administered aqueous Aspilia africana extract. *Makerere University Journal of Agricultural & Environmental Sciences*. https://doi.org/10.70060/makjaes-2021-285

17. Moses Teye, Victor Y.A. Barku, **Julius K. Hagan** (2020). Fatty Acid Profile, Carcass and Meat Quality Attributes of Rabbit Breeds in Ghana Fed Diets with Graded Levels of Palm (Elaeis guineensis) Kernel Oil Residue. *Advances in Animal and Veterinary Sciences*. https://doi.org/10.17582/journal.aavs/2020/8.10.1091.1099

18. S. A. Ofori, **J. K. Hagan** (2020). Genetic and non-genetic factors influencing the performance of the West African Dwarf (WAD) goat kept at the Kintampo Goat Breeding Station of Ghana. *Tropical Animal Health and Production*. https://doi.org/10.1007/s11250-020-02276-9

19. Thomas O. S. Akowuah, Ernest Teye, **Julius Hagan**, Kwasi Nyandey (2020). Rapid and Nondestructive Determination of Egg Freshness Category and Marked Date of Lay using Spectral Fingerprint. *Journal of Spectroscopy*. https://doi.org/10.1155/2020/8838542

20. **J. K. Hagan**, N. N. Etim (2018). The effects of breed, season and parity on the reproductive performance of pigs reared under hot and humid environments. *Tropical Animal Health and Production*. https://doi.org/10.1007/s11250-018-1705-5

21. K. Adomako, O.S. Olympio, **J.K. Hagan**, J.A. Hamidu (2014). Effect of the frizzle gene (F) on egg production and egg quality of laying hens kept in tropical villages. *British Poultry Science*. https://doi.org/10.1080/00071668.2014.963026

22. Samuel Obeng Apori, **Julius Kofi Hagan**, Yaa Doris Osei (2014). Growth and reproductive performance of two rabbit breeds reared under intensive system in Ghana. *Tropical Animal Health and Production*. https://doi.org/10.1007/s11250-014-0714-2

23. K. Adomako, O. S. Olympio, **J. K. Hagan**, J. A. Hamidu (2014). Growth performance of crossbred naked neck and normal feathered laying hens kept in tropical villages. *British Poultry Science*. https://doi.org/10.1080/00071668.2014.960805

24. T. R. Fayeye, **J. K. Hagan**, A. R. Obadare (2014). MORPHOMETRIC TRAITS AND CORRELATION BETWEEN BODY WEIGHT AND BODY SIZE TRAITS IN ISA BROWN AND ILORIN ECOTYPE CHICKENS. *Iranian journal of applied animal science*.

25. Samuel Obeng Apori, **Julius Kofi Hagan** (2014). The effect of non-genetic factors on the reproductive performance of Sanga and Friesian × Sanga crossbred dairy cattle breeds kept under hot and humid environment. *Tropical Animal Health and Production*. https://doi.org/10.1007/s11250-014-0604-7

26. **Julius K. Hagan**, Kwaku Adomako, Simon Oscar Olympio (2013). Effect of incorporation of thermo-regulatory genes into exotic layers on egg production and quality under tropical environment. *Tropical Animal Health and Production*. https://doi.org/10.1007/s11250-013-0457-5

27. **J. K. Hagan**, Samuel Obeng Apori (2013). The egg production performance of three layer strains kept under intensive system in the hot and humid tropics. *Scientific Journal of Animal Science*. https://doi.org/10.14196/sjas.v2i6.742