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RESEARCH

Areas: Animal Science and Zoology · Genetics · Insect Science · Agronomy and Crop Science · Ecology, Evolution, Behavior and Systematics · Plant Science

RESEARCH SUMMARY

7	58	4	1	1.22	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 7 publications listed below, 2018–2025. Field-weighted impact is the mean over the 7 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 7 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 7

1. Gregory Tamba Dunga, Kwaku Adomako, Bernard Ato Hagan, Jacob Alhassan Hamidu, **Oscar Simon Olympio** (2025). The effects of naked neck and frizzle genes on the fertility, hatchability, egg quality and pterylosis of locally developed commercial layer parent lines. *Tropical Animal Health and Production*. https://doi.org/10.1007/s11250-025-04335-5
2. Selorm Sovi, Kwaku Adomako, Bismark Kyei, Alexander Wireko Kena, **Oscar Simon Olympio**, Samuel E. Aggrey (2024). A comparative study of population structure and genetic diversity of commercial and indigenous chickens from different agro-ecological zones in Ghana using SilicoDArT and SNP markers. *Gene*. https://doi.org/10.1016/j.gene.2024.148823
3. Kwaku Adomako, Bertha Yayra Ahiabli, Jacob Alhassan Hamidu, **Oscar Simon Olympio**, Edward Yeboah (2024). Biosecurity Within Poultry Farms in the Ashanti Region of Ghana. *Proceedings of the National Academy of Sciences India Section B Biological Sciences*. https://doi.org/10.1007/s40011-023-01535-7
4. Valentin Mujyambere, Kwaku Adomako, **Oscar Simon Olympio** (2024). Effectiveness of DArTseq markers application in genetic diversity and population structure of indigenous chickens in Eastern Province of Rwanda. *BMC Genomics*. https://doi.org/10.1186/s12864-024-10089-5
5. Kwaku Adomako, Selorm Sovi, Bismark Kyei, Jacob Alhassan Hamidu, **Oscar Simon Olympio**, Samuel E. Aggrey (2024). Phenotypic characterization and analysis of genetic diversity between commercial crossbred and indigenous chickens from three different agro-ecological zones using DArT-Seq technology. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0297643
6. Kingsley K. Duah, Edward K. Essuman, Vida G. Boadu, **Osca S. Olympio**, Worlah Akwetey (2020). Comparative study of indigenous chickens on the basis of their health and performance. *Poultry Science*. https://doi.org/10.1016/j.psj.2019.11.049
7. Kingsley K. Duah, Edward K. Essuman, **Osca S. Olympio**, Worlah Akwetey, Vida Gyimah, Jeremiah O. Yeboah (2018). Consumers' acceptability of indigenous cockerel. *Poultry Science*. https://doi.org/10.3382/ps/pex451