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RESEARCH

Areas: Plant Science · Agronomy and Crop Science · Soil Science · Horticulture · Building and Construction · Ecology, Evolution, Behavior and Systematics

RESEARCH SUMMARY

9	90	6	3	2.58	44%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 9 publications listed below, 2008–2025. Field-weighted impact is the mean over the 9 works scored for it; 1.00 is the world average for works of the same field, type and year. 4 of the 9 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 9

1. Joseph Anokye, Akwasi Adutwum Abunyewa, Uffe Jørgensen, James Seutra Kaba, **Kwame Twum-Ampofo**, Evans Dawoe, Victor Rex Barnes, Finn Plauborg, John Tennyson Afele, Stephen Yaw Opoku, Richard Asante, Jacob Ulzen (2025). Augmentation of mineral fertilizer with organic nutrient sources to improve soil quality and nutrient use efficiency in cocoa landscape in Ghana. *Journal of Plant Nutrition*. https://doi.org/10.1080/01904167.2025.2481132
2. Joseph Anokye, Akwasi Adutwum Abunyewa, Uffe Jørgensen, James Seutra Kaba, **Kwame Twum-Ampofo**, Evans Dawoe, Victor Rex Barnes, Finn Plauborg, Søren Marcus Pedersen, Torsten Rødel Berg, Olivia Agbenyega, Steve Amisah, John Tennyson Afele, Stephen Yaw Opoku, Richard Asante, Jacob Ulzen (2024). Mitigation of greenhouse gas emissions through shade systems and climate-smart soil fertility interventions in cocoa landscapes in the Semi-deciduous ecological zone of Ghana. *Soil Advances*. https://doi.org/10.1016/j.soilad.2024.100001
3. Erasmus Narteh Tetteh, Eric Owusu Danquah, Akwasi Adutwum Abunyewa, Caleb Melenya Ocansey, Emmanuel Amoah Boakye, Henry Oppong Tuffour, Vincent Logah, **Kwame Twum-Ampofo**, Beloved Mensah Dzomeku, Stephen Yeboah, Victor Rex Barnes (2021). Plantain-Tree Rubber Intercropping Systems Improved Productivity in the Tropical Humid Zone of Ghana, West Africa. *International Journal of Agronomy*. https://doi.org/10.1155/2021/3240686
4. Kwame Ochire-Boadu, Akwasi A. Abunyewa, James Seutra Kaba, **Kwame Twum-Ampofo**, Evans L. K. Dawoe, Olivia Agbenyega, Rex V. Barnes (2020). Improved legume fallows: Influence on nitrogen and microbial dynamics, and maize (Zea maysL) grain yield in sub-humid zone of West Africa. *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2020.1785778
5. Erasmus Narteh Tetteh, Akwasi Adutwum Abunyewa, Henry Oppong Tuffour, Joseph Nketiah Berchie, Patricia Pinamang Acheampong, **Kwame Twum-Ampofo**, Evans Dawoe, Vincent Logah, Olivia Agbenyega, Stella Ama Ennin, Isaac Nunoo, Caleb Melenya, Eric Owusu Danquah, Victor Rex Barnes, Samuel Tetteh Partey (2019). Rubber and plantain intercropping: Effects of different planting densities on soil characteristics. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0209260
6. George Ashiagbor, William Oduro, Lucy Gyiele, Daniel Siaw, Victor Rex Barnes, Olivia Agbenyega, **Kwame Twum-Ampofo**, Samuel Partey, Naresh Thevathasan, Andrew Gordon, Rick Gray, Helen Hambly Odame (2019). Toward sustainable land resources management with agroforestry: empirical evidence from the

Sunyani west district of Ghana. *Agroforestry Systems*. https://doi.org/10.1007/s10457-019-00419-y

7. Erasmus Narteh Tetteh, Vincent Logah, **Kwame Twum-Ampofo**, Samuel T. Partey (2015). Effect of duration of reclamation on soil quality indicators of a surface – Mined acid forest Oxisol in South – Western Ghana. *Research Explorer (The University of Manchester)*.
8. S Abugre, **K Twum-Ampofo** (2012). Using Cajanus Cajan in Biomass Transfer Technology to Increase Yield of Tomato (Lycopersicon Esculentum Mill.). *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v31i3.1
9. **K Twum-Ampofo** (2008). Growth Response of Gliricidia sepium (Jacq.)Walp to Inoculation with Different Arbuscular Mycorrhizal (Am) Fungi. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v28i2.33094