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Homepage webapps.knust.edu.gh/staff/dirsearch/profile/summary/decfdaaeebe8.html · Google Scholar scholar.google.com/citations?user=wKnFQ0oAAAAJ&hl=en · Profile knust.peerford.com/staff/d2150c97-ec88-4e0d-91a9-84834b25436f

RESEARCH

Interests: Soil Tillage · Agricultural Mechanisation · Agricultural Machinery Management · Conservation Agriculture

Areas: Agronomy and Crop Science · Soil Science · Plant Science · Civil and Structural Engineering · Mechanical Engineering

RESEARCH SUMMARY

12	200	6	5	0.92	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 12 publications listed below, 2006–2020. Field-weighted impact is the mean over the 6 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 6 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 12

1. S. Appah, **S. H. M. Aikins** (2020). Interactive Effect of Land Preparation Methods and Weeding Frequency on Seasonal Soil Properties and Maize Yield. *European Journal of Agriculture and Food Sciences*. https://doi.org/10.24018/ejfood.2020.2.5.114
2. Kemoh Bangura, **Stephen Hill Mends Aikins**, Wilson Dogbe, C. S. Kamara (2016). Effects of Tillage and Weeding Frequency on Rice Yield and Yield Components. *International Journal of Sciences: Basic and Applied Research*.
3. Kemoh Bangura, **Stephen Hill Mends Aikins**, Wilson Dogbe, C. S. Kamara (2016). Rice Growth Responses to Tillage and Weeding Frequency. *International Journal of Sciences: Basic and Applied Research*.
4. **SHM Aikins** (2012). A survey of Agricultural Tractor Operator's Background at Ejura, Ghana. *Global Journal of Biology, Agriculture and Health Sciences*. https://www.academia.edu/download/85652347/a-survey-of-agricultural-tractor-operators-background-at-ejura-ghana.pdf
5. **S. Aikins**, J. Afuakwa (2012). Effect of four different tillage practices on maize performance under rainfed conditions. *Agriculture and Biology Journal of North America*. https://doi.org/10.5251/abjna.2012.3.1.25.30
6. **S. Aikins**, J. Afuakwa (2012). Effect of four different tillage practices on soil physical properties under cowpea. *Agriculture and Biology Journal of North America*. https://doi.org/10.5251/abjna.2012.3.1.17.24
7. **SHM Aikins** (2012). Tractor Operators and Passengers' Perception about Agricultural Tractor Safety in Kumasi, Ghana. *Global Journal of Engineering, Design and Technology (GJEDT)*.
8. **SHM Aikins** (2012). Tractor owners and operators perception about tractor breakdown causes at Tamale, Ghana. *International Journal of Engineering Research & Technology*. https://scholar.google.com/scholar?cluster=13956492731519774063&hl=en&oi=scholarr
9. **SHM Aikins** (2011). Evaluation of Different Planting Tools for Maize Stand Establishment. *International Journal of Science and Nature*. https://scholar.google.com/scholar?cluster=3993114323808518271&hl=en&oi=scholarr

10. **SHM Aikins**, A Bart-Plange (2010). Performance evaluation of jab planters for maize planting and inorganic fertilizer application. *J. Agric. Biol. Sci*. https://scholar.google.com/scholar?cluster=15845165625990628942&hl=en&oi=scholarr

11. **S H Aikins**, J Kilgour (2007). Performance evaluation of an ox-drawn ridging plough in a soil-bin. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v27i2.33048

12. **SHM Aikins** (2006). Effect of planting depth on maize stand establishment. *Journal of the Ghana institution of Engineers*. https://scholar.google.com/scholar?cluster=13908910858390548956&hl=en&oi=scholarr