David Cudjoe Adukpo

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Google Scholar scholar.google.com/citations?user=jKxe6CcAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/18b9b0af-7eee-48d2-8400-c5fdbfc86095

RESEARCH

Interests	Climate Change Modeling and Atmospheric Science · Agrometeorology and Gender related Issues in STEM
Areas	Global and Planetary Change · Plant Science · Atmospheric Science · Ecology, Evolution, Behavior and Systematics · Economics and Econometrics · Health

RESEARCH SUMMARY

16	248	6	4	1.35	43%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 16 publications listed below, 1955–2024. 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. 3 of the 7 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 15

1. John Oti Amoah, Susanna Aba Abraham, Charles Atanga Adongo, Deogratias Kaheeru Sekimpi, **David Cudjoe Adukpo**, Dorcas Obiri-Yeboah, David Teye Doku (2024). Determinants of COVID-19 vaccine uptake: evidence from a vulnerable global South setting. *BMC Research Notes*. https://doi.org/10.1186/s13104-024-06736-5
2. Kollie, W. S., Byalebeka, J., Basamba, T. A., **Adukpo, D. C**, Eneku, J. P. (2023). Amelioration of Soil Acidity in Ferralsols of Central Uganda. *International Journal of Plant & Soil Science*. https://doi.org/10.9734/ijpss/2023/v35i193737
3. W. S. Kollie, J. Byalebeka, T. A. Basamba, **D. C. Adukpo**, J. P. Eneku (2023). Linkages between Soil Acidity, Soil Plant Nutrients and Land Use on Ferralsols in Central Uganda. *International Journal of Plant & Soil Science*. https://doi.org/10.9734/ijpss/2023/v35i183406
4. Francis Nkrumah, Théo Vischel, Geremy Panthou, Nana Ama Browne Klutse, **David C. Adukpo**, Arona Diedhiou (2019). Recent Trends in the Daily Rainfall Regime in Southern West Africa. *Atmosphere*. https://doi.org/10.3390/atmos10120741
5. Kwesi Akumenyi Quagraine, Nana Ama Browne Klutse, Francis Nkrumah, **David Cudjoe Adukpo**, Kwadwo Owusu (2017). Changes in Rainfall Characteristics in Wenchi and Saltpond Farming Areas of Ghana. *International Journal of Geosciences*. https://doi.org/10.4236/ijg.2017.83015
6. C.A. Hasenkopf, **D.C. Adukpo**, M. Brauer, L. Dewitt, S. Guttikunda, A.I. Ibrahim, D. Lodoisamba, N. Mutanyi, G. Olivares, P. Pant, M. Salmon, L. Sereeter (2016). To combat air inequality, governments and researchers must open their data. *Clean Air Journal*. https://doi.org/10.17159/2410-972x/2016/v26n2a5
7. MK Vowotor, Samuel Sonko Sackey, Christiana Odumah Hood, E Tatchie, **DC Adukpo**, KK Mireku, S Nyarko (2015). Daily Intake and Sources of Trace Elements in Sarotherodon melanotheron from the Benya Lagoon, KEEA, Ghana, Using Instrumental Neutron Activation Analysis. *Journal of Basic & Applied Sciences*. https://www.researchgate.net/profile/Samuel-Sackey-2/publication/301201935_Daily_Intake_and_Sources_of_Trace_Elements_in_Sarotherodon_melanotheron_from_the_Benya_Lagoon_KEEA_Ghana_Using_Instrumental_Neutron_Activation_Analysis/links/570bfc1a08aee0660351a954/Daily-Intake-and-Sources-of-Trace-Elements-in-Sarotherodon-melanotheron-from-the-Benya-Lagoon-KEEA-Ghana-Using-

Instrumental-Neutron-Activation-Analysis.pdf

8. Francis Nkrumah, Nana Ama Browne Klutse, **David Cudjoe Adukpo**, Kwadwo Owusu, Kwesi Akumenyi Quagraine, Alfred Owusu, William Gutowski (2014). Rainfall Variability over Ghana: Model versus Rain Gauge Observation. *International Journal of Geosciences*. https://doi.org/10.4236/ijg.2014.57060
9. **DC Adukpo** (2008). Estimates of CO2 emissions from soil organic carbon for different land uses. *Africa and the Carbon Cycle*. https://www.researchgate.net/profile/Stephen-Adu-Bredu/publication/284490862_Carbon_stock_under_four_land_use_systems_in_three_varied_ecological_zones_in_Ghana/links/5835c6ba08ae56caa96e410f/Carbon-stock-under-four-land-use-systems-in-three-varied-ecological-zones-in-Ghana.pdf#page=66
10. **DC Adukpo** (2006). Spectral characteristics of the annual mean rainfall series in Ghana. *West African Journal of Applied Ecology*.
11. **DC Adukpo** (2003). One Year of Groundbased Multi Axis DOAS Measurements in Nairobi. *2nd International DOAS Workshop Heidelberg*. https://www.iup.uni-bremen.de/doas/posters/doas_2003_fietkau.pdf
12. **D Adukpo** (2003). SCIAMACHY Validation Using Ground-based DOAS Measurements of the University of Bremen Bredom Network (AOID331). *ESA Special Publication*. https://adsabs.harvard.edu/pdf/2003ESASP.531E..48R
13. **David Cudjoe ADUKPO** (2002). Characterisation of a MAX-DOAS instrument and application to satellite validation. *Master Degree Thesis. Institute of Environmental Physics and Remote Sensing, University of Bremen*. https://carppond.iup.uni-bremen.de/doas/paper/adukpo_thesis.pdf
14. **D Adukpo** (2002). SCIAMACHY validation using ground-based DOAS measurements of the University of Bremen BREDOM network. *Proc. ENVISAT Validation Workshop, Frascati, 9-13 Dec*. https://ir.ucc.edu.gh/server/api/core/bitstreams/9bc500fd-27cd-4b56-b912-12247f82efe6/content
15. **DAVID CUDJOE ADUKPO** (1955). Department of Mathematics & Statistics. *University of Otago, and St Hilda's College, Dunedin*. https://bradthiessen.com/html5/docs/2016pr.pdf

Other publications 1

1. NAB Klutse, **DC Adukpo**, K Owusu (2012). Rainfall variability over Ghana: Model versus rain gauge observation. *University of Cape Coast*.