Charles Adu-Boachie

Department of Industrial Art
Kwame Nkrumah University of Science and Technology

ORCID 0009-0006-5399-5664 · Google Scholar scholar.google.com/citations?user=oeWMEx4AAAAJ&hl=en · Profile knust.peerford.com/staff/4d4a256a-700b-4c8f-a8b4-2f8b72586a7d

RESEARCH

Interests: Jewellery and metalsmithing

Areas: Archeology · Astronomy and Astrophysics · Automotive Engineering · Biomedical Engineering · Civil and Structural Engineering · General Agricultural and Biological Sciences

RESEARCH SUMMARY

11	6	1	0	0.03	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 11 publications listed below, 2018–2025. 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.

POSITIONS

Lecturer
Department of Industrial Art, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 11

1. Edem Kwami Buami, Ebenezer Kofi Howard, Benjamin Kwablah Asinyo, Charles Frimpong, **Charles Adu-Boachie** (2025). Advancing Sustainable Soil Health Practices: Strategies for Quality and Global Competitiveness Among Cotton Farmers in Ghana. *Fashion and Textiles Review.*. https://doi.org/10.35738/ftr.v6.2024.22
2. Mohammed Kwaku Baidoo, **Charles Adu-Boachie**, Sandra Acquah, Prince Edem Dzakpasu, Cyril Etornam Adala, Isaac Kwabena Agyei (2025). Exploring the Production and Usage of a Metal Wall Hanging to Highlight some of the Crucial Issues Confronting Girl-Child Education in Ghana. *E-Journal of Humanities Arts and Social Sciences*. https://doi.org/10.38159/ehass.20256829
3. **Charles Adu-Boachie**, CE Adala, IK Agyei, PE Dzakpasu (2025). Exploring the Transformative Power of chasing and Repousse Techniques to create a Metal Craft to support the fight against Corruption in Ghana. *Ghana Journal of Science, Technology and Development*. https://gjstd.org/index.php/GJSTD/article/view/507
4. MK Baidoo, CE Adala, **C Adu-Boachie** (2024). Exploration of the filigree technique in metalsmithing for design and fabrication of photorealistic bust. *JOURNAL OF AFRICAN ARTS AND CULTURE*. https://journals.uew.edu.gh/index.php/jaac/article/view/472
5. MK Baidoo, **C Adu-Boachie**, CE Adala (2024). Using metalsmithing techniques to produce metal plaque for promoting public health education: The case of COVID-19 safety protocols and symptoms. *JOURNAL OF AFRICAN ARTS AND CULTURE*. https://journals.uew.edu.gh/index.php/jaac/article/view/481
6. Peggy Ama Fening, Isaac Kwabena Agyei, **Charles Adu-Boachie**, Cyril Etornam Adala (2023). Strategic Implementation of the PDCA and 5S Concepts to Improve the Productivity of the Informal Welding Industry in Kumasi, Ghana. *E-Journal of Humanities Arts and Social Sciences*. https://doi.org/10.38159/ehass.20234115

7. IK Agyei, P Fening, **C Adu-Boachie** (2023). The rhythm of globalization and persistence of the socio-cultural significance of gold jewellery in Asante, Ghana. *SIBATIK JOURNAL: Jurnal Ilmiah Bidang Sosial, Ekonomi, Budaya, Teknologi, Dan Pendidikan*. https://publish.ojs-indonesia.com/index.php/SIBATIK/article/view/825

8. Cyril Etornam Adala, **AB Charles** (2022). Application of filigree technique used for jewellery in designing and producing a life-sized photorealist bust. *Journal of Fine and Studio Art*. https://academicjournals.org/journal/JFSA/article-full-text/0CB2AA270072

9. Isaac Kwabena Agyei, Peggy Ama Fening, **Charles Adu-Boachie**, Ofori Asare Amankwa (2020). Avocado Pear as a Source of Inspiration for the Design of a Model Truck as a Desk Organiser. *Arts and design studies*. https://doi.org/10.7176/ads/86-05

10. **Charles Adu-Boachie**, Mawuli Kwasi Agbodza, Samuel Baah Kissi, Ann Abbam Adjaye (2020). Kwame Nkrumah University Of Science And Technology Landmarks Made In Asante Casting. https://doi.org/10.18533/journal.v9i7.1784

11. Samuel Baah Kissi, Teddy Carr, **Charles Adu-Boachie** (2018). Reconstructing a Five Mould Semi-Centrifugal Casting Machine for the Local Foundry Industry in Ghana. *DOAJ (DOAJ: Directory of Open Access Journals)*. https://doi.org/10.18533/journal.v7i8.1428