Akosua Mawuse Amankwah

Department of Industrial Art
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PROFILE

Akosua Mawuse Amankwah is a Senior Lecturer at the Department of Industrial Art, CABE, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana. She holds Master of Design in Professional Design for Textiles and Fashion from Heriot Watt University, 2007. She facilitates Design and Marketing related courses in undergraduate and graduate programs. Currently, she is a doctoral student at KNUST, pursuing Fashion Design Technology. Her Research Interest is on Ghana Fashion Industry Sustainability. She is a member of Institute of Textiles and Fashion Professional Ghana, The International Learning Network on Sustainability (LeNS),

RESEARCH

Interests	Sustainable Fashion · Circular Economy Fashion Design
Areas	Business and International Management · Museology · Marketing · Management of Technology and Innovation · Mechanical Engineering · Strategy and Management

RESEARCH SUMMARY

26	129	6	5	0.84	6%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 26 publications listed below, 2012–2026. Field-weighted impact is the mean over the 16 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 16 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer 2009–present
Industrial Art, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

EDUCATION AND QUALIFICATIONS

Master of Design in Professional Design for Textiles and Fashion 2006–2007
Textiles and Design, Heriot-Watt University, Edinburgh, United Kingdom

PUBLICATIONS

Journal articles 24

1. **AM Amankwah** (2026). Contemorary Approach in Maximizing Skills-Set among Small Scale Garment Producers to Promote Productivity in the Kumasi Metropolis, Ghana: Skills Gap in Kumasi Garment Industry. *Journal of Science and Technology*. https://journal.knust.edu.gh/index.php/just/article/view/2153
2. Maud Schall, **Akosua Mawuse Amankwah**, Mohammed Ibrahim, George Kwame Fobiri, Solomon Marfo Ayesu (2026). Contemporary Approach in Maximizing Skills-Set among Small Scale Garment Producers to Promote Productivity in the Kumasi Metropolis, Ghana. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v44i2.10
3. **Akosua Mawuse Amankwah**, Edward Appiah, Benjamin Kwablah Asinyo, Charles Frimpong (2025). Awareness and perceptions of sustainability and circular strategies among SME fashion producers in

Ghana. *International Journal of Environment and Waste Management*. https://doi.org/10.1504/ijewm.2025.146560

4. Benjamin Tawiah, Eugene Kwame Sarpong, **Akosua Mawuse Amankwah** (2025). Challenges and prospects of ready-to-wear garment manufacturing and retail in Ghana: a case study of the Ashanti region. *Research Journal of Textile and Apparel*. https://doi.org/10.1108/rjta-11-2024-0199
5. **Akosua Mawuse Amankwah**, Edward Appiah, Charles Frimpong, Dos Santos Aguinaldo (2024). Evaluation of Circular Srategies and their Effectiveness in Fashion SMEs in Ghana. *The Journal of Population and Sustainability*. https://doi.org/10.3197/jps.63799977346493
6. Nana Banimaa Oduro Boateng, **Akosua Mawuse Amankwah**, Solomon Marfo Ayesu, Cynthia Akua Chichi, George Kwame Fobiri (2024). Quality issues in the Garment Industry: A perspective of Ghana's SMEs and Dressmakers. *Fashion and Textiles Review.*. https://doi.org/10.35738/ftr.v5.2024.02
7. **Akosua Mawuse Amankwah**, Edward Appiah, Charles Frimpong, Anthony Kent (2024). The role of developing countries in the global fashion industry sustainability discourse: Ghana in perspective - A narrative review. *Sustinere Journal of Environment and Sustainability*. https://doi.org/10.22515/sustinere.jes.v8i1.357
8. Benjamin Kwablah Asinyo, Charles Frimpong, Edward Appiah, **Akosua Mawuse Amankwah** (2023). Awareness and perceptions of sustainability and circular strategies among SME fashion producers in Ghana. *International Journal of Environment and Waste Management*. https://doi.org/10.1504/ijewm.2023.10061762
9. **Akosua Mawuse Amankwah**, Edward Appiah, Christiana Konamah Okai-Mensah (2023). Circular Approach to Environmental Impact of Apparel Production in Ghana: A Narrative Review. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v41i3.9
10. **Akosua Mawuse Amankwah**, Edward Appiah, Charles Frimpong, Anthony Kent (2023). Examining the structure of the fashion industry in Ghana in ensuring the successful adoption of sustainable approach. *Sustinere Journal of Environment and Sustainability*. https://doi.org/10.22515/sustinere.jes.v7i2.304
11. Richard Acquaye, **Akosua Mawuse Amankwah**, Raphael Kanyire Seidu (2023). The "Authenticity Discourse" in Contemporary Application of West African Textiles. *TEXTILE*. https://doi.org/10.1080/14759756.2023.2178050
12. **AM Amankwah**, GB Assibey (2022). Advancing unconventional bridal gowns detailing designs through cosmopolitan localism to promote environmental sustainability. *Journal of Science and Technology*. https://journal.knust.edu.gh/index.php/just/article/view/1392
13. **A Mawuse Amankwah**, E Kofi Howard (2022). Artistic Yarn Portraitures on Streetism in Ghana–Highlighting the Struggles of Street Children. *Journal of Urban Culture Research*. https://digital.car.chula.ac.th/jucr/vol25/iss1/14/
14. Ebenezer Kofi Howard, Benjamin Kwablah Asinyo, Raphael Kanyire Seidu, **Akosua Mawuse Amankwah**, Cynthia Akua Chichi, Portia Anyan (2022). Digital imitation of batik, tie-dye and weave effects for manual screen printing. *J of Design Research*. https://doi.org/10.1504/jdr.2022.127567
15. **AM Amankwah**, E Appiah, C Frimpong (2022). The structure of the Ghana fashion industry in the implementation of sustainable strategies. *24th IFFTI Conference*. https://iffti.org/downloads/iffti-publication/annual-proceedings/ntu/11-28.pdf
16. Elsie Rebecca Osei, **Akosua Amankwah**, Charles Frimpong (2021). Culturally Influenced Garment Designs: Focused on Ga-Adangbe Cultural Elements in Ghana. *Fashion Practice*. https://doi.org/10.1080/17569370.2021.1978164
17. **Akosua Mawuse Amankwah**, Richard Acquaye (2021). Exploration of Legal Remedies Available to Fashion Designers in Ghana Through Global Industry Practices: A Review. *Fashion and Textiles Review.*. https://doi.org/10.35738/ftr.v3.2021.01
18. Buami, K. E., Tsotorvor, R. M, **Amankwah, A. M.**, Howard, K. E., Seidu, K. R. (2021). Expression of the Ordeals of "kayayie" through Mixed-Media Textile Art. *Arts and design studies*. https://doi.org/10.7176/ads/89-02

19. **AM Amankwah**, CA Chichi (2014). Ripple Effect of a Vibrant Fashion Industry on Graduate Unemployment. *Research on Humanities and Social Sciences*.
20. C Frimpong, BK Asinyo, **A Amankwah** (2013). Contemporary trends in adinkra cloth production: design, printing technique, base fabric and printing paste (dye). *International Journal of Fiber and Textile Research*. https://scholar.google.com/scholar?cluster=11375423343455063565&hl=en&oi=scholarr
21. **AM Amankwah**, BK Asinyo, C Frimpong (2013). Design and Construction Of 3-D Surface Designed Wedding Gown Made of Natural Fabrics Suitable For The Tropics: An Alternative to The Polyester Satin Wedding Gown. *International Journal Of Fiber and Textile Research*. http://bolconline.co.uk/combine/coursematerials/533818020DESIGN%20AND%20CONSTRUCTION%20OF%203D%20SURFACE.pdf
22. **AM Amankwah** (2012). Foreign Fashion Influence on the Ghanaian Youth and its Impact on the Local Fashion Industry. *International Journal of Innovative Research and Development*. https://scholar.google.com/scholar?cluster=11196946575986778364&hl=en&oi=scholarr
23. GDSAMA E. K. Howard, **AM Amankwah** (2012). Symbolic Significance of African Prints: A Dying Phenomenon in Contemporary Print Designs in Ghana. *Journal of Innovative Research and Development*. https://scholar.google.com/scholar?cluster=11614019057011046589&hl=en&oi=scholarr
24. Ebenezer Kofi Howard, **A Amankwah** (2012). Teaching of Fashion and Textiles Studies in Ghanaian Tertiary Institutions. *International Journal of Innovative Research and Development*. https://scholar.google.com/scholar?cluster=16868895627379923218&hl=en&oi=scholarr

Book chapters 1

1. Fanny Adams Quagrainie, **Akosua Mawuse Amankwah**, Ama Abankwa Dankwa (2026). The Competitive Situation of the Ghanaian Ethnic Fashion Industry Using Porter's Five Forces Competitive Model. *Ethnic and Indigenous Business Studies.*. https://doi.org/10.1007/978-3-031-99021-2_6

Conference papers 1

1. Marcella Lomba Nicastro, Pierre Yohanes Lubis, Gaye Yurdagül Poçan, **Akosua Mawuse Amankwah**, Kratika Piparsania, Nan Xia (2021). PHD STUDENT FORUM: ONGOING DOCTORAL RESEARCH ON DESIGN FOR SUSTAINABILITY. https://doi.org/10.5380/8sds2021.art72