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RESEARCH

Interests: Gender issues · visual arts education · indigenous Ghanaian arts · inclusive education · sustainability · nana afia opoku-asare

Areas: Education · Visual Arts and Performing Arts · Experimental and Cognitive Psychology · Urban Studies · Literature and Literary Theory · Archeology

RESEARCH SUMMARY

54	485	13	17	1.49	26%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 54 publications listed below, 2000–2026. Field-weighted impact is the mean over the 23 works scored for it; 1.00 is the world average for works of the same field, type and year. 6 of the 23 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Associate Professor 1986–present
Department of Educational Innovation in Science and Technology, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 51

1. **NA Opoku-Asare** (2026). Designing Inclusive Learning Environments: Application of Universal Design for Learning to Enhance Visual Arts Education for Students with Learning Disabilities. *RESEARCH and*. https://www.researchgate.net/profile/Theophilus-Kankam-2/publication/408475453_Designing_Inclusive_Learning_Environments_Application_of_Universal_Design_for_Learning_to_Enhance_Visual_Arts_Education_for_Students_with_Learning_Disabilities/links/6a4a4dd81681584dea2ce92c/Designing-Inclusive-Learning-Environments-Application-of-Universal-Design-for-Learning-to-Enhance-Visual-Arts-Education-for-Students-with-Learning-Disabilities.pdf#page=118
2. Phoebe Prisca Owusu-Ansah, Rudolf Steiner, **Nana Afia Opoku-Asare**, Steve Kquofi, Theophilus Kankam (2026). Development of a competency-based training manual to guide bamboo and rattan craftsmanship instruction in higher education. *Discover Education*. https://doi.org/10.1007/s44217-026-01732-2
3. Rosemary Emefa Ahiadeke, **Nana Afia Amponsah Opoku-Asare**, Moses Kwasi Kusedzi (2026). Innovative Leadership, Teacher Professional Development, and Teacher Motivation: The Mediating Role of Teacher Self-Efficacy in Ghanaian Senior High Schools. *International Journal of Research and Innovation in Social Science*. https://doi.org/10.47772/ijriss.2026.100400316
4. Dennis Atsu Dake, **Nana Afia Amponsaa Opoku-Asare**, Macharious Nabang, Fatimatu Hajia Ibrahim (2026). Towards Inclusive Education in Art and Design Programmes: An Enquiry into the Availability of Resources and Support Systems. *International Journal of Instruction*. https://doi.org/10.29333/iji.2026.1926a
5. Afua Akomaa Danso, **Nana Afia Amponsaa Opoku-Asare**, Eric Appau Asante (2026). Towards

Professionalism of Newly Qualified Teachers in Ghana: Guidelines for Effective School-based Teacher Induction Programmes in Senior High Schools. https://doi.org/10.7176/jep/17-2-05

6. Timolyn Afua Kusi, **Nana Afia Opoku-Asare**, Steve Kquofi (2025). Assessing Teachers' Content Knowledge for Design Education in Basic Schools: An Exploratory Study in Kumasi Metropolis, Ghana. *British Journal of Education*. https://doi.org/10.37745/bje.2013/vol13n73751
7. Dake, **NAA Opoku-Asare** (2025). How Knowledgeable are Graphic Design Faculties about the Universal Design for Learning Framework? Evidence from selected Technical Universities in Ghana. *International Journal of Art and Design (IJAD)*.
8. Matilda Sesime Dego -, **Nana Afia Opoku-Asare** -, Theophilus Kankam -, Martin Gyekye-Ampofo - (2025). Rescue Mission: Socio-Economic Empowerment of Teenage Mothers in Yilo Krobo Rural Communities through Textiles Entrepreneurial Skills. *International Journal For Multidisciplinary Research*. https://doi.org/10.36948/ijfmr.2025.v07i02.34826
9. Seth Kofi Pye, **Nana Afia Opoku-Asare**, Martin Gyekye-Ampofo[3], Theophilus Kankam, Jacob O. Commodore (2024). EXISTING PEDAGOGICAL STRATEGIES USED FOR TEACHING GENERAL KNOWLEDGE IN ART (GKA) IN SELECTED SENIOR HIGH SCHOOLS AT SEKONDI-TAKORADI, GHANA. *International Journal of Social Science and Economic Research*. https://doi.org/10.46609/ijsser.2024.v09i01.004
10. GK Obosu, Irene Vanderpuye, **NA Opoku-Asare** (2023). A qualitative inquiry into the factors that influence deaf children's early sign language acquisition among deaf children in Ghana. *Sign Language Studies*. https://muse.jhu.edu/pub/18/article/905538/summary
11. Martin Gyekye-Ampofo, **Nana Afia Opoku-Asare**, Georgina Brookman Andoh (2023). Early Childhood Care and Education in The 21st Century: A Review of the Literature. *British Journal of Education*. https://doi.org/10.37745/bje.2013/vol11n48195
12. **NA Opoku-Asare** (2023). Effects of high teacher turn-over on student academic performance: A case of Sekyere Afram Plains District of Ashanti Region, Ghana. *International Journal of Research and Innovation in Social Sciences*. https://www.researchgate.net/profile/Nana-Afia-Opoku-Asare/publication/374684730_Effects_of_High_Teacher_Turnover_on_Student_Academic_Performance_A_Case_of_Sekyere_Afram_Plains_District_of_Ashanti_Region_Ghana/links/665dea75479366623a3b954d/Effects-of-High-Teacher-Turnover-on-Student-Academic-Performance-A-Case-of-Sekyere-Afram-Plains-District-of-Ashanti-Region-Ghana.pdf
13. Theophilus Kankam, **Nana Afia Opoku-Asare**, Martin Gyekye Ampofo (2023). Predictors of Learning Disabilities Among Visual Arts Students at The Senior High School in Ghana. *International Journal of Education Learning and Development*. https://doi.org/10.37745/ijeld.2013/vol11n84160
14. Afua Akomaa Danso, **Nana Afia Amponsaa Opoku-Asare**, Eric Appau Asante (2022). EXAMINING THE FORMS AND STRATEGIES OF TEACHER INDUCTION PROGRAMMES ORGANISED FOR NEWLY QUALIFIED TEACHERS IN SENIOR HIGH SCHOOLS IN GHANA. *European Journal of Education Studies*. https://doi.org/10.46827/ejes.v9i7.4385
15. Georgina Brookman-Andoh, Daniel Afrifa-Yamoah, **Nana Afia Opoku-Asare**, Martin Gyekye-Ampofo, Dorcas Pearl Slippe (2022). Humorously Illuminating yet Insulting: A Feminist Deconstruction of Selected Asante Proverbs. *Open Journal of Social Sciences*. https://doi.org/10.4236/jss.2022.1013032
16. **NAA Opoku-Asare**, A Tachie-Menson (2022). Pull and push factors influencing teachers in rural Ghana and their effect on students' academic performance. *London Journal of Research in Humanities and Social Sciences*. https://scholar.google.com/scholar?cluster=14407137892084340465&hl=en&oi=scholarr
17. Afua Akomaa Danso, **Nana Afia Opoku-Asare**, Eric Appau Asante (2022). Using the National Teachers' Standards to Assess the Influence of Induction Programmes on the Professional Growth and Development of Newly Qualified Teachers in Ghana's Senior High Schools. https://doi.org/10.7176/jep/13-21-06
18. **NAA Opoku-Asare** (2020). Creative Arts and Design Common Core Programme Curriculum for Basic 7 - 10. *Ministry of Education/Ghana Education Service*.
19. **KA NAA Opoku-Asare** (2019). Creative Arts Curriculum for Primary Schools (Basic 1-3). *Ministry of*

Education/Ghana Education Service.

20. **KA NAA Opoku-Asare** (2019). Creative Arts Curriculum for Primary Schools (Basic 4-6). *Ministry of Education/Ghana Education Service*.
21. R Yeboah, **NA Opoku-Asare** (2019). Professional skills development in teacher education: Equipping student-teachers to produce and employ instructional resources for teaching practice. *International Conference on Education, Proceedings Development & Innovation*. https://www.researchgate.net/profile/William-Nantwi/publication/334480238_Professional_Skills_Development_in_Teacher_Education_Equipping_Student-_Teachers_to_Produce_and_Employ_Instructional_Resources_for_Teaching_Practice_1_MARTIN_GYEKYE-AMPOFO_2_WILLIAM_KWABENA_NANTWI_3_R/links/5d2d986ba6fdcc2462e3304b/Professional-Skills-Development-in-Teacher-Education-Equipping-Student-Teachers-to-Produce-and-Employ-Instructional-Resources-for-Teaching-Practice-1-MARTIN-GYEKYE-AMPOFO-2-WILLIAM-KWABENA-NANTWI-3.pdf
22. DA Dake, **NA Opoku-Asare**, Gideon Kwesi Obosu (2018). Capacity Development for Effective Implementation of Inclusive Education in Ghana's Higher Education Institutions. *International Conference on Education, Proceedings, Development, and Innovation*. https://ir.ucc.edu.gh/server/api/core/bitstreams/bcae2539-9346-4f73-9bad-8d7d8aaccbcc/content
23. Obenewaa Korankye, Eric Appau Asante, **Nana Afia Opoku-Asare** (2017). Recycling solid waste materials to develop instructional resources for art education. *International Journal of Education through Art*. https://doi.org/10.1386/eta.13.2.193_1
24. Obenewaa Korankye, **NA Opoku-Asare** (2017). SELF-EFFICACY ISSUES OF PRE-SCHOOL STUDENT-TEACHERS: EVIDENCE FROM ST. LOUIS COLLEGE OF EDUCATION, KUMASI, GHANA. *DEVELOPMENT AND INNOVATION*. https://www.researchgate.net/profile/Isaac-Damoah/publication/339251765_Assessing_the_Impact_of_Corruption_in_the_Management_of_Educational_Infrastructural_Projects_in_Ghana/links/615f4c34ae47db4e57a478a8/Assessing-the-Impact-of-Corruption-in-the-Management-of-Educational-Infrastructural-Projects-in-Ghana.pdf#page=250
25. Obenewaa Korankye, **NA Opoku-Asare** (2017). Textiles Education in Ghana: A View from Senior High Schools in the Greater Accra Region. *International Conference on Education, Development & Innovation*. https://scholar.google.com/scholar?cluster=3517191296701772754&hl=en&oi=scholarr
26. Gideon Kwesi Obosu, **NA Opoku-Asare** (2016). Access to English Language Acquisition in Ghana Schools for the Deaf: Are the Deaf Students Handicapped? *Journal of Education and Practice*. https://www.academia.edu/download/86206640/EJ1126501.pdf
27. Obenewaa Korankye, **NA Opoku-Asare** (2016). Assessment of Students' Performance in General Knowledge in Art: A Case Study of Schools at Abura-Asebu-Kwamankese District. *International Journal of Educational Leadership IJEL*. https://www.researchgate.net/profile/Patrick-Osei-Poku-2/publication/309784633_Assessment_of_Students'_Performance_in_General_Knowledge_in_Art_A_Case_Study_of_Schools_at_Abura-Asebu_Kwamankese_District/links/58bdaa7945851591c5e9ae02/Assessment-of-Students-Performance-in-General-Knowledge-in-Art-A-Case-Study-of-Schools-at-Abura-Asebu-Kwamankese-District
28. **Nana Afia Opoku-Asare**, Abena Okyerewa Siaw (2016). Curricula and Inferential Factors That Affect Student Achievement in Rural, Urban, and Peri-Urban Senior High Schools in Ghana. *SAGE Open*. https://doi.org/10.1177/2158244016661747
29. HB Essel, P Osei-Poku, A Tachie-Menson, **NA Opoku-Asare** (2016). Self-Paced Interactive Multimedia Courseware: A Learning Support Resource for Enhancing Electronic Theses and Dissertations Development. *Journal of Education and Practice*. https://eric.ed.gov/?id=EJ1099557
30. HB Essel, P Osei-Poku, A Tachie-Menson, **NA Opoku-Asare** (2016). Self-Paced Interactive Multimedia Courseware: a Learning Sipport Resource for Enhancing Electronic Theses and Dissertations Development, ed. 2016 Volume 7 Nomor 12. *the Journal of Education and Practice, http://files. eric. ed. gov/fulltext/EJ1099557. pdf (diakses 25 September 2017)*. https://www.researchgate.net/profile/Richmond-Amoateng/publication/350411462_ENHANCING_ELECTRONIC_THESES_AND_DISSERTATION_DEVELOPMENT_Self-

Paced_Interactive_Multimedia_Courseware_Learning_Review/links/605e4635a6fdccbfea0b3e73/ENHANCING-ELECTRONIC-THESES-AND-DISSERTATION-DEVELOPMENT-Self-Paced-Interactive-Multimedia-Courseware-Learning-Review.pdf

31. Obenewaa Korankye, EA Asante, **NA Opoku-Asare** (2016). Teaching Interactive Art Lessons with Recycled Waste Materials as Instructional Resources. *Journal of education and Practice*. https://eric.ed.gov/?id=EJ1102965
32. **Nana Afia Amponsaa Opoku-Asare**, Harriet Takyi, Margaret Owusu-Mensah (2015). Conflict Prevalence in Primary School and How It Is Understood to Affect Teaching and Learning in Ghana. *SAGE Open*. https://doi.org/10.1177/2158244015592935
33. Eric Appau Asante, **Nana Afia Opoku-Asare**, Roland Wemegah (2015). Indigenous pottery at Sirigu: Dialogue on materials, methods and sociocultural significance. *Craft Research*. https://doi.org/10.1386/crre.6.1.31_1
34. **NA Opoku-Asare** (2015). Instructional strategies for effective teaching and learning of creative arts: The dilemma of generalist teachers in Ghana. *Global Journal of Human-Social Science Research*. https://www.academia.edu/download/102752114/2-Instructional-Strategies-for-Effective-Teaching.pdf
35. **NA Opoku-Asare**, A Tachie-Menson, HB Essel (2015). Perceptions, Attitudes and Institutional Factors That Influence Academic Performance of Visual Arts Students in Ghana's Senior High School Core Curriculum Subjects. *Journal of Education and Practice*. https://eric.ed.gov/?id=EJ1079077
36. **Nana Afia Amponsaa Opoku-Asare**, Abena Okyerewa Siaw (2015). Rural–Urban Disparity in Students' Academic Performance in Visual Arts Education. *SAGE Open*. https://doi.org/10.1177/2158244015612523
37. A Tachie-Menson, **NA Opoku-Asare**, HB Essel (2015). Teaching and learning of drawing for book design and illustration: A study of higher education in publishing. *Global Journal of Human-Social Science: Arts & Humanities–Psychology*. https://www.academia.edu/download/76182016/3-Teaching-and-Learning-of-Drawing.pdf
38. Nana Ama Pokuaa Arthur, Eric Appau Asante, **Nana Afia Opoku-Asare** (2015). The educational role of performing and visual arts in Asante traditional politics. *International Journal of Education through Art*. https://doi.org/10.1386/eta.11.1.117_1
39. **NA Opoku-Asare**, O Korankye, KA Baah (2014). Assessing the efficacy of dyes extracted from some local plants for colouring cotton fabrics. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v33i3.6
40. **NA Opoku-Asare** (2014). Instructional strategies, institutional support and student achievement in general knowledge in art: Implications for visual arts education in Ghana. *Journal of Education and Practice*. https://scholar.google.com/scholar?cluster=18035822220526746124&hl=en&oi=scholarr
41. **NA Opoku-Asare**, R Yeboah (2013). Hand papermaking with waste fabrics and paper mulberry fibre. *Online International Journal of Arts and Humanities*. https://www.academia.edu/download/40257758/Hand_Papermaking_with_Waste_Fabrics_and_20151122-25584-1xfju4t.pdf
42. **N Opoku-Asare**, R Yeboah (2013). Murals in urban space for public education on environmental degradation. *International Journal of Arts and Humanities*. https://www.academia.edu/download/70312853/Mural_paintings_in_urban_space_for_publi20210927-5855-11xga8k.pdf
43. E Asante, K Adjei, **NA Opoku-Asare** (2013). The Theoretical and Socio-Cultural Dimensions of Kpando Women's Pottery. *Research on Humanities and Social Sciences*. https://www.academia.edu/download/83970690/4187.pdf
44. Gideon Kwesi Obosu, **NA Opoku-Asare** (2013). The use of visual art forms in teaching and learning in schools for the deaf in Ghana: Investigating the practice. *International Journal of Innovative Research and Development*. https://ir.ucc.edu.gh/items/1c53ad01-74bd-43d1-9c5b-7f8e7fee00e6
45. EK Howard, **NA Opoku-Asare** (2012). Assessing the Suitability of Woven Fabric and Composite Textile Techniques for Mural Production. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v32i1.14

46. F Evans-Solomon, **NA Opoku-Asare** (2012). Girls' Motivation, Participation And Preference For Visual Arts Subjects In Four Senior High Schools In Central Region, Ghana. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v31i3.13

47. Eric Appau Asante, **Nana Afia Opoku–Asare** (2011). Cultural identity in the murals of Sirigu women and their role in art education and social sustainability. *International Journal of Education through Art*. https://doi.org/10.1386/eta.7.2.187_1

48. Obenewaa Korankye, **N Opoku-Asare** (2009). Addressing key educational issues through art in Ghana. *InSEA Newsletter*. https://insea.org/wp-content/uploads/2021/08/InSEANewsletter2-2.pdf

49. **NA Opoku-Asare** (2006). Quality control for effective basic education in Ghana. *Journal of science and technology (Ghana)*. https://www.ajol.info/index.php/just/article/download/33011/57871

50. **NAA Opoku-Asare** (2005). Non-book instructional materials usage in Ghanaian primary schools. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v24i2.32922

51. **NAA Opoku-Asare** (2000). Using non-book instructional materials to promote teaching and learning in Ghanaian primary schools-rhetoric and reality. *Unpublished MPhil Thesis. Institute of Education. University of Sussex, UK*. https://scholar.google.com/scholar?cluster=6869450548269584564&hl=en&oi=scholarr

Reports 1

1. **NAA Opoku-Asare** (2019). Theme 10: Supporting the Teaching of the 4Rs and Science. *Ministry of Education/T-TEL*.

Theses 2

1. **NAA Opoku-Asare** (2000). Using Non-book Materials to Promote Teaching and Learning in Ghanaian Primary Schools: Rhetoric and Reality. *University of Sussex*. https://scholar.google.com/scholar?cluster=10915672640344123822&hl=en&oi=scholarr

2. **NAA Opoku-Asare** (2000). Using non-book instructional materials to promote quality teaching and learning in Ghanaian primary schools-Rhetoric and reality. *MPhil Thesis*. https://scholar.google.com/scholar?cluster=8643795314528325145&hl=en&oi=scholarr