Dr Daniel Asante

Senior Lecturer · Molecular Biology & Biotechnology
University of Cape Coast

Google Scholar scholar.google.com/citations?user=XdnFEOwAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/2d56132c-c1fc-4ae0-8464-84824f8a6c7e

RESEARCH

Interests	Developmental (Plant) Biology · Plant Biotechnology
Areas	Plant Science · Agronomy and Crop Science · Genetics · Global and Planetary Change · Immunology · Infectious Diseases

RESEARCH SUMMARY

11	377	7	6	0.74	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 11 publications listed below, 2005–2026. Field-weighted impact is the mean over the 5 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 5 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 11

1. Aaron T. Asare, Peter Haruna, Isaac K. Galyuon, **Daniel Asante**, Joshua Yeboah Asiamah (2026). Heterotic response and inbreeding depression in seed traits and other related attributes of cowpea (Vigna unguiculata [L.] Walp.). *Electronic Journal of Plant Breeding*. https://doi.org/10.37992/2026.1701.004
2. Oti Gyamfi, Isaac Galyuon, Foster Kyei, Emmanuel Otwe, **Daniel Asante**, Kwasi Addo, Kofi Bedzra, Samuel Kudzawu, Sjoukje Kuijper, Arend J. H. Kolk - (2025). Prevalence of tuberculosis in selected prisons in Ghana: a baseline study using the CapiliaTM TB-Neo assay. *International Journal For Multidisciplinary Research*. https://doi.org/10.36948/ijfmr.2025.v07i04.51557
3. **Daniel Asante** (2024). Assessment of genetic diversity for yield, yield attributes and water use efficiency related traits in groundnut [Arachis hypogaea L.]. *Electronic Journal of Plant Breeding*. https://ejplantbreeding.org/index.php/EJPB/article/view/283
4. Rosemary Agbeko, Denis W. Aheto, **Daniel K.A. Asante**, Noble K. Asare, Alex A. Boateng, Cynthia A. Adinortey (2022). Identification of molecular determinants of antibiotic resistance in some fish farms of Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e10431
5. **Daniel Asante**, K. A. Galyuon Isaac, P. Otwe Emmanuel, K. A. Asante Daniel (2019). Genetic diversity in some Ghanaian and Malian sorghum [Sorghum bicolor (L) Moench] accessions using SSR markers. *AFRICAN JOURNAL OF BIOTECHNOLOGY*. https://doi.org/10.5897/ajb2019.16767
6. **Daniel KA Asante** (2011). Differential gene expression related to an epigenetic memory affecting climatic adaptation in Norway spruce. *Plant Science*. https://www.sciencedirect.com/science/article/pii/S0168945210001913
7. **DANIEL K. A. ASANTE**, IGOR A. YAKOVLEV, CARL GUNNAR FOSSDAL, ANNA HOLEFORS, LARS OPSETH, JORUNN E. OLSEN, OLAVI JUNTTILA, ØYSTEIN JOHNSEN (2010). Gene expression changes during short day induced terminal bud formation in Norway spruce. *Plant Cell & Environment*. https://doi.org/10.1111/j.1365-3040.2010.02247.x
8. **Daniel KA Asante** (2009). Effect of bud burst forcing on transcript expression of selected genes in needles of Norway spruce during autumn. *Plant Physiology and Biochemistry*. https://www.sciencedirect.com/science/article/pii/S0981942809000849

9. **Daniel KA Asante** (2008). Dehydrins expression related to timing of bud burst in Norway spruce. *Planta*. https://doi.org/10.1007/s00425-008-0750-0

10. **Daniel Kwaku A. Asante** (2008). Genetically modified food -The dilemma of Africa. *African Journal of Biotechnology*. https://academicjournals.org/journal/AJB/article-full-text-pdf/567DBAC6119

11. **Daniel KA Asante** (2005). Low night temperature and inhibition of gibberellin biosynthesis override phytochrome action and induce bud set and cold acclimation, but not dormancy in PHYA overexpressors …. *Plant, Cell & Environment*. https://doi.org/10.1111/j.1365-3040.2005.01395.x