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RESEARCH

Areas: Plant Science · Ecology · Insect Science · Endocrinology · Horticulture · Agronomy and Crop Science

RESEARCH SUMMARY

12	62	5	2	1.00	17%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 12 publications listed below, 2017–2026. Field-weighted impact is the mean over the 12 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 12 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 11

1. Josiah W. Tachie-Menson, Emmanuel Datsomor, **Grace van der Puije**, Bless Adjorlolo, Seth G. T. Lartey, Emmanuel O. Adu, Alexander Weremfo (2026). Bio-herbicidal potential of extracts from allelopathic plants against the emergence of multi-species weed seed bank in Ghana. *Advances in Weed Science*. https://doi.org/10.51694/advweedsci/2026;44:0005
2. Doris Mensah-Wonkyi, Wilfred Elegba, Emmanuel Ogyiri Adu, Andrew Sarkodie Appiah, Rosemary Kusi-Adjei, Elvis Asare-Bediako, **Grace. C. van der Puije**, Joshua Yeboah Asiamah, Asamoah Oppong Zadok, Kofi Afari, Josiah Wilson Tachie-Menson, Aaron Tettey Asare (2026). Prevalence of Cassava Mosaic Geminiviruses in the Volta Region of Ghana. *The Open Agriculture Journal*. https://doi.org/10.2174/0118743315450389260319070029
3. Emmanuellah Lekete-Lawson, **Grace C. van der Puije**, Enoch A. Osekre, Frank K. Ackah (2025). First Report of Ganoderma ryvardenii causing Basal Stem Rot (BSR) disease on oil palm (Elaeis guineensis Jacq.) in Ghana. *F1000Research*. https://doi.org/10.12688/f1000research.161972.1
4. Emmanuellah Lekete-Lawson, Enoch Adjei Osekre, **Grace Van der Puije**, Felix Swanzy, Hanif Lutuf, Joshua Obeng, William Opare Danso, Daniel Agyei-Dwarko (2024). Prevalence Of Basal Stem Rot Disease Caused by Ganoderma Sp. On Oil Palm (Elaeis Guineensis Jacq) In Ghana. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v1i1.4s
5. Yisu Shi, Michael Ackah, Frank Kwarteng Amoako, Mengdi Zhao, **Grace C. van der Puije**, Weiguo Zhao (2024). The Mechanism of the Development and Maintenance of Sexual Dimorphism in the Dioecious Mulberry Plant (Morus alba). *Biology*. https://doi.org/10.3390/biology13080622
6. Marc Kenis, Lakpo Koku Agboyi, Richard Adu-Acheampong, Michael Ansong, Stephen Arthur, Prudence Tonator Attipoe, Abdul-Salam Mahamud Baba, Patrick Beseh, Victor Attuquaye Clottey, Rofela Combey, … **Grace van der Puije** and 11 others (2022). Horizon scanning for prioritising invasive alien species with potential to threaten agriculture and biodiversity in Ghana. *NeoBiota*. https://doi.org/10.3897/neobiota.71.72577
7. E. Asare-Bediako, J. Nyarko, **G.C. van der Puije** (2020). First report of Pineapple mealybug wilt associated virus-2 infecting pineapple in Ghana. *New Disease Reports*. https://doi.org/10.5197/j.2044-0588.2020.041.009
8. Elvis Asare-Bediako, KJ Taah, **GC van der Puije**, G Amenorpe, Ghana Atomic Energy Commission, Accra,

Ghana, A Appiah Kubi, J Nee Lamptey, A Oppong, B Mochiah, I Adama (2020). Phenotypic and molecular evaluation of maize (Zea may L.) genotypes under field conditions in the Volta region of Ghana. *African Journal of Food Agriculture Nutrition and Development*. https://doi.org/10.18697/ajfand.95.19040

9. E. Asare-Bediako, D. Mensah-Wonkyi, **G.C. Van der Puije**, E. Abole (2017). Farmers Agronomic Practice in Management of the Tomato (Solanum lycopersicon L.) Yellow Leaf Curl Virus in Central Region of Ghana. *Journal of Agricultural Extension*. https://doi.org/10.4314/jae.v21i2.6

10. Asare- Bediako E, Kvarnheden A, **van der Puije GC**, Taah KJ, Agyei Frimpong K, Amenorpe G, Appiah Kubi A, Nee Lamptey J, Oppong A, Mochiah B, Adama I, Tetteh FN (2017). Spatio-Temporal Variations in the Incidence and Severity of Maize Streak Disease in the Volta Region of Ghana. *Journal of Plant Pathology & Microbiology*. https://doi.org/10.4172/2157-7471.1000401

11. Elvis Asare-Bediako, Doris Mensah Wonkyi, **Grace Van der Puije**, Godwin Amenorpe, 2BNARI, Ghana Atomic Energy Commission, Accra, Ghana, Michael K. Osei (2017). Variation in the susceptibility of tomato (Lycopersicon solanum L.) genotypes to tomato yellow leaf curl virus (TYLCVD) infections at coastal savannah and forest zones of Ghana. *Australian Journal of Crop Science*. https://doi.org/10.21475/ajcs.17.11.04.pne124

Book chapters 1

1. Frank Kwekucher Ackah, **Grace Caselina van der Puije**, Elvis Asare-Bediako, KingsleyTaah . (2025). Evaluation of Taro Germplasm for Resistance to Taro Leaf Blight disease caused by Phytophthora colocasiae and Corm Rot Disease caused by Sclerotium rolfsii in Ghana. *Agricultural Sciences: Techniques and Innovations Vol. 6*. https://doi.org/10.9734/bpi/asti/v6/6558