John Abraham

Senior Lecturer · Conservation Biology & Entomology
University of Cape Coast

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RESEARCH

Interests: General Entomology · Crop Protection · Chemical Ecology · Forest and Agroecology · Integrated Pest Management

Areas: Insect Science · Plant Science · Ecology · Ecology, Evolution, Behavior and Systematics · Molecular Biology · Ocean Engineering

RESEARCH SUMMARY

20	721	10	10	3.08	22%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 20 publications listed below, 2015–2025. Field-weighted impact is the mean over the 18 works scored for it; 1.00 is the world average for works of the same field, type and year. 4 of the 18 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Associate Professor 2015–present
Department of Conservation Biology and Entomology, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD in Entomology/Insect Chemical Ecology (Management of Mountain Environment) 2011–2013
Faculty of Science and Technology, Free University of Bozen-Bolzano, Bolzano, Italy

MSc. in Forest Sciences and Forest Ecology (Tropical and International Forestry) 2007–2009
Faculty of Forest Sciences and Forest Ecology, Georg-August-Universität Göttingen Tropenzentrum, Göttingen, Germany

BSc. Natural Resources Management 1999–2003
Department of Silviculture and Forest Management, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

Entomological Society of Ghana 2015–present
Accra, Ghana

PUBLICATIONS

Journal articles 20

1. Patrick Beseh, **John Abraham**, Lakpo Koku Agboyi, Benjamin Mensah (2025). Host age preference and biology of Coccygidium luteum (Hymenoptera: Braconidae), a larval parasitoid of the fall armyworm. *Bulletin of Entomological Research*. https://doi.org/10.1017/s0007485325000070
2. Patrick BESEH, Lakpo Koku AGBOYI, Benjamin MENSAH, **John ABRAHAM** (2025). Superparasitism and its effects on the fitness of the larval parasitoid, Coccygidium luteum (Hymenoptera: Braconidae).

European Journal of Entomology. https://doi.org/10.14411/eje.2025.010

3. Peter Quandahor, Iddrisu Yahaya, Francis Kusi, Issah Sugri, Julius Yirzagla, Abdul Karim Alhassan, Jerry A. Nboyine, George Y. Mahama, Godwin Opoku, Mohammed Mujitaba Dawuda, Asieku Yahaya, Theophilus Kwabla Tengey, Rofela Combey, **John Abraham** (2024). DNA Barcoding of Insects and Its Direct Application for Plant Protection. *Open Journal of Applied Sciences*. https://doi.org/10.4236/ojapps.2024.143048
4. Isaac Kwame Badu, Rofela Combey, **John Abraham** (2024). Response of Odonata assemblages to disturbance in urban freshwater habitats. *African Journal of Ecology*. https://doi.org/10.1111/aje.13258
5. Carlos Amissah, Soladoye B. Iwajomo, **John Abraham**, Justus P. Deikumah (2024). Urban lawn vegetation structure impact arthropod abundance and cattle egret foraging success. *Scientific African*. https://doi.org/10.1016/j.sciaf.2024.e02137
6. Dinah Marri, Samuel Adjei Mensah, Daniel Ashie Kotey, **John Abraham**, Maxwell Kelvin Billah, Michael Osae (2023). Basic Developmental Characteristics of the Fall Armyworm, Spodoptera frugiperda (J.E. Smith) (Lepidoptera: Noctuidae), Reared under Laboratory Conditions. *Psyche A Journal of Entomology*. https://doi.org/10.1155/2023/6917316
7. Enoch Selorm Kofi Ofori, Linus Dottey, Michael Yao Osae, **John Abraham**, Peter Kofi Kwapong (2023). Mass Trapping of Live Male Bactrocera dorsalis Hendel (Diptera: Tephritidae): Interaction between Trap Types and Period of Trapping. *Psyche A Journal of Entomology*. https://doi.org/10.1155/2023/5575236
8. **John Abraham**, Carlos Amissah, Felix Osei Kuffour, Janice Dwomoh Abraham (2023). Palm wine as a food-based bait for monitoring adult Ceratitis ditissima (Munro) (Diptera: Tephritidae) in citrus orchards. *African Entomology*. https://doi.org/10.17159/2254-8854/2023/a12637
9. Enoch Selorm Kofi Ofori, Michael Yao Osae, Peter Kofi Kwapong, **John Abraham** (2023). Population dynamics of fruit flies (Diptera: Tephritidae) in mango orchards in the southeastern mango enclave of Ghana. *International Journal of Tropical Insect Science*. https://doi.org/10.1007/s42690-023-01116-1
10. Samuel Kofi Tulashie, Francis Adjei, **John Abraham**, Enoch Addo (2021). Potential of neem extracts as natural insecticide against fall armyworm (Spodoptera frugiperda (J. E. Smith) (Lepidoptera: Noctuidae). *Case Studies in Chemical and Environmental Engineering*. https://doi.org/10.1016/j.cscee.2021.100130
11. Joshua Petelka, **John Abraham**, Anke Bockreis, Justus Precious Deikumah, Stefan Zerbe (2019). Soil Heavy Metal(loid) Pollution and Phytoremediation Potential of Native Plants on a Former Gold Mine in Ghana. *Water Air & Soil Pollution*. https://doi.org/10.1007/s11270-019-4317-4
12. Kevin R. Cloonan, **John Abraham**, Sergio Angeli, Zainulabeuddin Syed, Cesar Rodriguez-Saona (2018). Advances in the Chemical Ecology of the Spotted Wing Drosophila (Drosophila suzukii) and its Applications. *Journal of Chemical Ecology*. https://doi.org/10.1007/s10886-018-1000-y
13. **John Abraham**, Grace Senami Benhotons, Isaac Krampah, Jehoshaphat Tagba, Carlos Amissah, Janice Dwomoh Abraham (2018). Commercially formulated glyphosate can kill non-target pollinator bees under laboratory conditions. *Entomologia Experimentalis et Applicata*. https://doi.org/10.1111/eea.12694
14. D. Abraham Janice, **Abraham John**, F. Takrama Jemmy (2018). Morphological characteristics of avocado (Persea americana Mill.) in Ghana. *African Journal of Plant Science*. https://doi.org/10.5897/ajps2017.1625
15. Janice Dwomoh Abraham, Janice Dwomoh Abraham, Isaac Fosu, Daniel Agyapong, Uchechi Agyemang, Kwame Nkrumah Hope, **John Abraham** (2017). The Cry of "Sumampa": A River in Mampong Ashanti in Crisis. *Journal of Water Resource and Protection*. https://doi.org/10.4236/jwarp.2017.91004
16. **John Abraham** (2017). Volatile organic compounds of Thai honeys produced from several floral sources by different honey bee species. *Plos One*. https://doi.org/10.1371/journal.pone.0172099
17. Janice Dwomoh Abraham, Janice Dwomoh Abraham, Isaac Fosu, Daniel Agyapong, Kwame Nkrumah Hope, **John Abraham** (2016). Quality Assessment of River Offin along a Canopy Cover Gradient. *Journal of Water Resource and Protection*. https://doi.org/10.4236/jwarp.2016.83028
18. **J. Abraham**, A. Zhang, S. Angeli, S. Abubeker, C. Michel, Y. Feng, C. Rodriguez-Saona (2015). Behavioral and Antennal Responses of Drosophila suzukii (Diptera: Drosophilidae) to Volatiles From Fruit Extracts. *Environmental Entomology*. https://doi.org/10.1093/ee/nvv013

19. Praetinee Pattamayutanon, Sergio Angeli, Prodpran Thakeow, **John Abraham**, Terd Disayathanoowat, Panuwan Chantawannakul (2015). Biomedical Activity and Related Volatile Compounds of Thai Honeys from 3 Different Honeybee Species. *Journal of Food Science*. https://doi.org/10.1111/1750-3841.12993

20. **John Abraham** (2015). Root damage to apple plants by cockchafer larvae induces a change in volatile signals below-and above-ground. *Entomologia Experimentalis et Applicata*. https://doi.org/10.1111/eea.12330