



Inspiring Innovation and Leadership

KARATINA UNIVERSITY

STAFF PROFILE



1. **Name:** [Dr. Ann Ngari]
2. **Designation:** [Lecturer]
3. **Employment details**

School: [School of pure and applied sciences]

Department: [Biological and Physical sciences]

4. **Contact Information**

Email Address: angari@karu.ac.ke, ann.ngari@yahoo.com

Research Links: <https://orcid.org/0000-0003-0457-8187>

4. **Describe your professional self**

Dr. Ann Ngari is a lecturer in the school of pure and applied sciences at Karatina University where she has been a faculty member since 2012 and specializes in chemistry. Ann completed her PhD at University of Eldoret and her masters and undergraduate studies at Moi University. Her research interests are in analytical chemistry ranging from chemical compositions of volatile emissions of aromatic plant species traditionally used to lure honey bees to formulation of synthetic honey bee attractants. She has collaborated effectively with researchers from other institutions in her research activities.

Ann has hands on experience in collection of volatiles using air entrainment kit, SPME technique, olfactometric bioassays and GC-MS analysis. She is currently working on formulations of synthetic bee attractants based on chemical compositions of selected aromatic plant species for possible upscale use in apiculture and crop pollination.

5. Area/ Field of specialization: [Chemistry]

6. Research interests: [Analytical Chemistry]

7. List some of your key published works.

Peer-reviewed Publications

1. Ngari Ann G, Omolo Maurice V, Tarus Paul K, Ng'ang'a Margaret M, Hassanali Ahmed. Chemical compositions of essential oils of some Kenyan *Ocimum* species. Am J Essent Oil Nat Prod 2019;7(3):17-26.
<https://www.essencejournal.com/pdf/2019/vol7issue3/PartA/7-3-4-288.pdf>
2. Ngari Ann G, Omolo Maurice V, Tarus Paul K, Ng'ang'a Margaret M, and Hassanali Ahmed. Chemical compositions of fresh volatiles aromas of some Kenyan *Ocimum* species. J Pharmacogn Phytochem 2019;8(6):201-208.
<https://www.phytojournal.com/archives/2019/vol8issue6/PartC/8-4-693-995.pdf>
3. Ngari Ann G, Omolo Maurice O, Tarus Paul K, Ng'ang'a Margaret M, and Hassanali Ahmed. Chemical compositions of smoke volatiles of some Kenyan *Ocimum* species. J Pharmacogn Phytochem 2020;9(1):1871-1879.
<https://www.phytojournal.com/archives/2020/vol9issue1/PartAF/8-6-172-185.pdf>