

Publications

1. **Omari R.A.**, Sarkodee-Addo E., Matey D.M., Fujii Y., Okazaki S., Oikawa Y., Bellingrath-Kimura S.D. Influence of organic inputs with mineral fertilizer on maize yield and soil microbial biomass dynamics in different seasons in a tropical acrisol. *Environmental Sustainability*. Feb. 2020. <https://doi.org/10.1007/s42398-019-00089-7>.
2. Sarkodee-Addo E., Yasuda M., Lee CG, Makoto K., Fujii Y., **Omari R.A.**, Opong A.S., Bam R., Asuming-Brempong S., Golam D.K.M., Okazaki S. Arbuscular mycorrhizal fungi associated with rice (*Oryza sativa*) in Ghana: effect of regional locations and soil factors on diversity and community assembly. *10(4)*, 559, April 2020.
3. Hua M., Egamberdieva D., Wirth S., Li Q., **Omari R.A.**, Hou M., and Bellingrath-Kimura S.D. Effect of Biochar and Irrigation on the Interrelationships among Soybean Growth, Root Nodulation, Plant P Uptake, and Soil Nutrients in a Sandy Field. *Sustainability* 11 (23), 6542. October 2019.
4. Kwame A. S., Peprah O. C., Hossein K. M., **Omari R.A.**, Sylvia K., Adukwei A. C., Onwona-Agyeman S., Oikawa Y, Katsura K., Fujii Y. Medicinal Plants Used in the Ejisu-Juaben Municipality, Southern Ghana: An Ethnobotanical Study. *Medicines*, 6 (1), 1-27, December 2018.
5. Kwame A. S., Hossein K. M., **Omari R.A.**, Vincent E. Y., Ofosu-Anim J, Onwona-Agyeman S., Adukwei A. C., Kiyokazu K., Katsura K., Oikawa Y., Fujii Y. Involvement of carnosic acid in the phytotoxicity of *Rosmarinus officinalis* leaves. *Toxins*, 10 (12), 498, December 2018.
6. **Omari R.A.**, Fujii Y., Sarkodee-Addo E., Oikawa Y., Onwona-Agyeman S., Bellingrath-Kimura S.D. Organic and chemical fertilizer input management on maize and soil productivity in two agro-ecological zones of Ghana. *Environmental sustainability*, 1 (4), 437-447, November 2018.
7. **Omari R.A.**, Bellingrath-Kimura S.D. Sarkodee-Addo E., Oikawa Y., Fujii Y. Nitrogen mineralization and microbial biomass dynamics following the amendment of contrasting organic inputs to pedogenically different soils. *Soil Systems*, 2 (63), 1-17, November 2018.
8. **Omari R.A.**, Bellingrath-Kimura S.D. Sarkodee-Addo E., Oikawa Y., Fujii Y. Exploring farmers' indigenous knowledge on soil quality and fertility management practices in selected farming communities of the Guinea Savannah agro-ecological zone of Ghana. *Sustainability*, 10 (4), 1034, March 2018.
9. **Omari R.A.**, Sarkodee-Addo E., Yoshiharu F., Oikawa Y., Bellingrath-Kimura S.D. Impacts of fertilization type on soil microbial biomass and nutrient availability in two agroecological zones of Ghana. *Agronomy*, 7(3), 55, August 2017.
10. **Omari R.A.**, Aung H.P., Hou M., Yokoyama T., Siaw-Onwona A., Oikawa Y., Fujii Y., Bellingrath-Kimura S.D. Influence of Different Plant Materials in Combination with Chicken Manure on Soil Carbon and Nitrogen Contents and Vegetable Yield. *Pedosphere*, 26(4), 510-521, April 2016.
11. Aung H.P., Aye Y.S., Mensah A.D., **Omari R.A.**, Djedidi S., Oikawa Y., Ohkama-Ohtsu N., Yokoyama T., and Bellingrath-Kimura S.D. Relations of fine root morphology on ¹³⁷Cs uptake by fourteen Brassica species. *Journal of Environmental Radioactivity* (150) 203-212, December 2015.