

Publications

Chapters in Books Already Published:

1. Adebami, G. and **Adebayo-Tayo, B.C.** (2020). Development of cellulolytic strain by genetic engineering approach for enhanced cellulase production. In Kuila, A. and Sharma, V. (Eds.) Genetic and Metabolic Engineering for Improved Biofuel Production from Lignocellulosic Biomass, Elsevier: Chapter 8, 103-136pp. Paperback ISBN 9780128179536, eBook ISBN 9780128179543. (USA)(Contribution: 50%).

Articles that have Already Appeared in Refereed Conference Proceedings:

2. **Adebayo-Tayo, B. C.**, Ugochukwu, C. B., Alao, S.O. and Akintunde, M.O. (2019). Nanoparticles produced from culture filtrate of *Penicillium* sp. against some test Pathogen. In Ogundare, F. O., Oyetunji, O. J. and Oladosu, I. A. (Eds.). Innovative Scientific Research and National Development: *Proceedings of the 4th International Conference on Scientific Research and Innovations in Nigeria, Faculty of Science, University of Ibadan.* 65-69, May 16-19. (Nigeria) (Contribution: 60%)
3. **Adebayo-Tayo, B. C.**, Olukole, S. A., Alao, S. O., Adebayo, M. S. (2019): Production and characterization of silver nanoparticles from culture filtrate of *Aspergillus niger*. In Longe, O.B., Ekong, U., Boateng, R. and Baba, A. (Eds.). Promoting Technology Transfer and Innovation through Inter-tertiary Collaboration and Intellectual Competition: *Proceedings of the 18th iSTEAMS Multidisciplinary Cross-Border Conference, University of Ghana, Legon, Accra.* 157 – 164, July 28 – 30th (Ghana) (Contribution: 60%).
4. **Adebayo-Tayo, B.C.**, Sanusi, J. Alao, S.O. and Ewa, G. O. (2019). Bio-fabrication of silver nanoparticles from prodigiosin broth of *Serratia marcescens* and its antibacterial potential against some pathogens. In Longe, O.B., Ekong, U., Boateng, R. and Baba, A. (Eds.). Promoting Technology Transfer and Innovation through Inter-tertiary Collaboration and Intellectual Competition: *Proceedings of the 18th iSTEAMS Multidisciplinary Cross-Border Conference, University of Ghana, Legon, Accra.* 108-120, July 28 – 30th (Ghana) (Contribution: 60%)
5. Onilude, A.A. and **Adebayo-Tayo, B.C.** (2000). Microbiological and physicochemical properties of cheese produced from milk of Maradi Goats. *Nigeria Journal of Science and Science Education* Vol. 7. No. 1: 17 – 27.
6. Ogunjobi, A.A., **Adebayo-Tayo, B.C.**, Ogunshe, A.A. (2005). Microbiological, proximate analysis and sensory evaluation of processed Irish potato fermented in brine solution. *African Journal of Biotechnology* 4: 12, 1409 – 1412.
7. Aderibigbe, E. Y. and **Aina, B.C.** (2005). Fermentative utilization of soybean in Nigeria: optimization of the conditions for *Tempeh* production. *Science Focus* Vol. 10, No. 1: 25 - 29.
8. **Adebayo-Tayo, B. C.**, Akpan, M.M. and Wilson, N. N. (2006). Effect of Different Method of Preservation on the Shelf Life Extension of Periwinkle. *Journals of Scientific and Industrial Studies* 4:1 41-44.
9. **Adebayo-Tayo, B.C.**, Onilude, A.A., Ogunjobi, A.A., Gbolagade, J.S. and Oladapo, M.O. (2006). Detection of fungi and aflatoxin in shelved bush mango seeds (*Irvingia*

- spp.) stored for sale in Uyo, Eastern Nigeria. *Electronic Journal of Environmental, Agricultural and Food Chemistry* Vol. 5. No. 5: 1569 - 1574.
10. **Adebayo-Tayo, B.C.** and Onilude, A.A. (2008). Screening of lactic acid bacteria strains isolated from some Nigerian fermented foods for EPS-production. *World Applied Sciences Journal* Vol. 4. No. 5: 741 – 747.
 11. **Adebayo-Tayo, B.C.** and Ogunjobi, A. A. (2008). Comparative effects of oven dried and sun-dried on the microbiological, proximate nutrient and mineral composition of *Trypanotous* spp. (Periwinkle) and *Crassostrea* spp (Oyster). *Electronic J. Eniron. Agric. Food Chem* 7 (4): 2856-2867.
 12. **Adebayo –Tayo, B.C.** and Adegoke, A.A. (2008). Phytochemical and microbial screening of Herbal remedies in Akwa Ibom state, south southern Nigeria. *Journal of Medicinal Plants Research* 2 (11): 306-310.
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 14. Okonko, I. O. Adejoye, O. D., Ogunjobi, A. A, Nkang, A. O. and **Adebayo-Tayo, B. C.** (2009). Hazards Analysis Critical Control Points (HACCP) and Microbiology Qualities of Sea-foods as Affected by Handler’s Hygiene in Ibadan and Lagos Nigeria. *African Journal of Food Science.* 3(2): 035-050.
 15. Adegoke, A. A. and **Adebayo-Tayo, B.C.** (2009). Antibacterial activity and Phytochemical Analysis of Leaf Extracts of *Lasienthera africanum*. *African Journal of Biotechnology* Vol. 8 (1), 077-080.
 16. Adegoke, A.A. and **Adebayo-Tayo, B.C.** (2009). Phytochemical composition and antimicrobial effects of *Corchorious olitorius* leaf extracts on four bacterial isolates. *Journal of Medicinal Plants Research* 3(3):155-159
 17. Akinjogunla, O.J., Adegoke, A.A. Udokang, I.P. and **Adebayo-Tayo, B.C.** (2009). Antimicrobial potential of *Nymphaea lotus* (*Nymphaeaceae*) against wound pathogens. *Journal of Medical Plants Research* 3(3): 138-141.
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 22. Adegoke, A. A., **Adebayo-Tayo, B. C.**, Inyang, C. U., Aiyegoro, O.A. and Komolafe, A. O. (2009) Snails as meat source: Epidemiological and nutritional Perspectives. *Journal of Microbiology and Antimicrobials* 1: (3). pp 012-018
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28. **Adebayo-Tayo, B.C.** Onilude, A. A. and Joe, A. U. (2011) Efficacy of formulated media on production of bio-molecules by some selected EPS-producing lactic acid bacteria strains. *EJEAFChe*, 10(1), (1837-1847)
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