

**LIST OF PUBLICATIONS IN ACADEMIC JOURNALS BY DR. LIVINUS I. ONU,
DEPUTY- DIRECTOR, WORKS & SERVICES DIVISION, FEDERAL INSTITUTE OF
INDUSTRIAL RESEARCH OSHODI (FIIRO), LAGOS**

A. ARTICLES IN LEARNED JOURNALS:

- i. **Livinus I. Onu** and Gabriel . *Okafor* (2003): Effect of physical and chemical factor variations on the efficiency of mechanical slicing of Nigerian ginger (*Zingiber Officinale* Rose). *Journal of Food Engineering*. Volume 56 pp.43-47. Published by Elsevier Science-London.
- ii. **Onu L.I.**: Awoliyi O.O and Balogun M.A. – 2002: Performance Evaluation of FIIRO Developed Grains Destoner. *Nigerian Food Journal*. Volume 20 pp. 86-92. Published by the *Nigerian Institute of Food Science and Technology*.
- iii. C.U. Orji P.U. Nnadi and **L.I. Onu** (2002): Design and Calibration of a Grain Moisture meter for maize: *Journal of Applied Sciences*: vol. 5 number 3, pp 2854-2864.
- iv **Onu, L.I.** Orji C.U., Adeyemi S.K., Nnadi, P.U., Hassan, and L.O., (2009): Design and Development of a Indigenous cleaner for Nigerian local rice (*Oryza Sativa*). *Journal of Industrial Research and Technology* vol. 2, (1) pp. 85-93.
- v. Okafor J.N.C., Ozumba A.U. and Osibanjo A.A., **Onu L.I.** Daudu A.M. and Olatunji O. (2008); Chemical, Microbial and Sensory Properties of Weaning Foods from Blend of Nigeria foodstuffs. *Journal of Industrial Research and Technology* Vol. 2, (1) pp 31-35.
- vi. Mordi, J. I. Elemo G. N., Oluwole O.B. Mayaki O.M., Onyibe, J. and **Onu L.I.** (2011). Production and Quality Evaluation of Jam from Roselle Calyx Extract. *Nigerian Food Journal*. Vol. 29, (1) pp.90-93.
- vii Hassan L.O., **Onu L.I.** (2011) Assessment of Drying Process Kinetics for Soy Ogi Mash using different dryers. *Journal of Industrial Research and Technology*, Vol. 3, (1), pp. 21-26.
- viii. Hassan L O and **Onu L I** (2015) Design & Modeling of Regenerative Heat Exchanger Encasing Metallo-Ceramic Fire Tube. *Journal of Industrial Research & Technology*. Vol. 4, (1) pp. 53-64.

- i. A A Dare, **L I Onu** and R Akinoso (2015). Effect of Magnetic Field on Convective Drying of Ceramic Clay. *International Journal of Engineering and Technology (IJET)*. Vol. 5, No. 7, pp. 434-439.
- ii. Kalunta F O and **Onu L I** (2015): Design and Construction of Star-Delta Starter for 50hp extrusion cooker motor. *Journal of Industrial Research and Technology*, Vol. 4, (1) pp.65-76.
- iii. **Onu L I**, Dare, A. A., Akinoso, R, Aremu O. O, and Adegbite S A (2015). Design, Fabrication and Testing of Modernized Local Gari Fryer. *Nigerian Food Journal*, Vol.33, No.2 2015.
- iv. T.M. Samuel, O. O. Aremu, I. O. Salami, B. O. Adetifa, **L. I. Onu**, S. E. Adegbite, A. A. Olokoshe (2015). Variation of Anthropometric and Body Composition Parameters within Different Age Groups of Gari Frying Workers in South West Nigeria: *International Journal of Engineering, ANNALS of Faculty of Engineering*, Hunedoara, Romania; pp.3- 15.
- v. **Livinus I Onu**, Ademola A Dare, Rahman Akinoso (2016). Effect of Magnetic Field on Convective Drying of Cassava Mash. *Journal of Industrial Research and Technology*, Vol.5 (1) pp.59-70.
- vi. Olotu, O. O, **Onu, L. I.**, Samuel, A.E., Odesola, O.O (2016). Pyrolysis of Waste Plastic Materials for the Production of Fuel Oil. *Journal of Industrial Research and Technology*, Vol.5 (1) pp.42-48.
- vii. T.M. Samuel, O. O. Aremu, I. O. Salami, B. O. Adetifa, **L. I. Onu**, S. E. Adegbite, A. A. Olokoshe (2016). Anthropometric Studies for designing to fit gari-frying workers. *AgricEngInt: CIGR Journal* Open access at [http:// www.cigrjournal.org](http://www.cigrjournal.org).
- viii. Abel F A Silas, Oluwole O B, Owolabi F O, Sarumi B B, Anuoluwatelemini J O, Ibekwe D N, Ogunji A O, Atanda M T, Talabi O A, Adepoju M, **Onuh L I**, and Elemo G N (2016).Effect of different substrates biomass and harvesting methodology on the quantity of harvested maggot meal in fish feeding. *Journal of Nutrition Food Science*, vol. 6:6(Suppl).

B. CONFERENCE PROCEEDINGS:

- ix. Hassan L. Olakunle and **L.I. Onu** – 2003: The Drying Phenomena: A unified Technological Approach for the Determination of Drying Statics and Kinetics in: Drying Technology as a Tool for sustainable Development pp 131-139. Edited by A.O. Kuye, L.O. Sanni and others. *Nigerian Drying Symposium Series I*. Published by Faculty of Engineering, University of Port Harcourt, and Rivers State.
- x. **L.I.Onu** and A.O. Komolafe – 2011: Research and Development, the Cornerstone of Industrial and Economic Development of the nation, FIIRO as A case Study in: *International Conference of the Nigerian Institution of Mechanical Engineers (NIMechE, Eko 2011)*