

Publication

- Ogunmola, G.B and **Nwokocha, L.M.** (2001). Porosity of cement diaphragms for electrolytic cell. Nigerian Journal of Science 35 (2) 103-109.
- Ogunmola, G.B., **Nwokocha, L.M.** and Oke, V.O. (2001). Granule architecture: Swelling power, amylose leaching and pasting characteristics of some tropical root and tuber starches. Nigerian Journal of Science 35(2) 111-116.
- Ogunmola, G.B. and **L. M. Nwokocha.** (2002). Cyanoethylation of starch in varied solvents and solvent-water mixtures. Journal of Chemical Society of Nigeria 27(2) 150-157.
- **Nwokocha, L. M.** and Ogunmola, G. B. (2005). Isolation and partial characterization of starch from African breadfruit (*Treculia africana*) seeds. Nigeria Journal of Science 39: 73-79.
- **Nwokocha, L.M.** and Ogunmola G.B. (2008). Carboxymethylation of starch in different solvents and solvent-water mixtures. Optimization of reaction conditions. Journal of Applied Sciences 8 (8), 1581-1585.
- **Nwokocha, L. M.** and Williams, P. A. (2009). Isolation and rheological characterization of *Mucuna flagellipes* seed gum. Food Hydrocolloids. 23 (5), 1394-1397.
- **Nwokocha, L. M.** and Williams, P. A. (2009). Some properties of white and yellow plantain (*Musa paradisiaca*, Normalis) starches. Carbohydrate Polymers 76, 133-138.
- **Nwokocha, L. M.**, Aviara, N. A., Senan, C. and Williams, P. A. (2009). A comparative study of the properties of cassava (*M. esculenta*, Crantz) and cocoyam (*C. esculenta*, Linn) starches. Carbohydrate Polymers 76, 362-367.

- **Nwokocha, L. M.** and Williams, P. A. (2009). New starches: Physicochemical properties of sweet sop and sour sop starches. *Carbohydrate Polymers* 78 (3), 462-468.
- **Nwokocha, L. M.**, Aviara, N. A., Senan, C. and Williams, P. A. (2009). A comparative study of the properties of cassava (*M. esculenta*, Crantz) and cocoyam (*C. esculenta*, Linn) starches. *Carbohydrate Polymers* 76, 362-367.
- **Nwokocha, L. M.**, Soetan, K. O. and Williams, P. A. (2010). A study of the properties of starch isolated from three varieties of *Lablab purpureus* seeds. *Carbohydrate Polymers* 79 (3), 685-693.
- Aviara, N.A, Igbeka, J.C. and **Nwokocha, L.M.** (2010). Physicochemical Properties of Sorghum (*Sorghum Bicolor* L. Moench) Starch as Affected by Drying Temperature. *Agriculture Engineering International: CIGR e-Journal*, 12 (2), 84-94.
- Aviara, N.A., Igbeka, J.C. and **Nwokocha, L.M.** (2010). Effect of drying temperature on physicochemical properties of cassava starch. *Int. Agrophysics* 24 (3), 219-225.
- **Nwokocha, L.M.** and Williams, P.A. (2011). Structure and properties of *Treculia africana* (Decne) seed starch. *Carbohydrate Polymers* 84(1), 395-401.
- **Nwokocha, L.M.** (2011). Adhesive properties of cyanoethyl starch. *Journal of Adhesion Science and Technology* 25, 893-902.
- **Nwokocha, L.M.** and Williams, P.A. (2011). Comparative study of physicochemical properties of breadfruit (*Artocarpus altilis*) and white yam starches. *Carbohydrate Polymers* 85(2), 294-302.

- [Oladipo](#), F.Y. and **Nwokocha, L.M.** (2011). **Effect of *Sida acuta* and *Corchorus olitorius* mucilages on the physicochemical properties of maize and sorghum starches.** Asian Journal of Applied Sciences 45, 514-525.
- **Nwokocha, L.M.**, Senan, C. and Williams, P.A. (2011). Structural, physicochemical and rheological characterization of *Tacca involucrata* starch. Carbohydrate Polymers 86(2), 789-796.
- **Nwokocha, L.M.**, Nwokocha, K.E. and Williams, P.A. (2012). Physicochemical properties of starch isolated from *Antiaris africana* seeds in comparison with maize starch. Starch/Starke 64, 246-254.
- **Nwokocha, L.M.** and Williams, P.A. (2012). Evaluating the potential of Nigerian plants as a source of industrial hydrocolloids. In: Gums and Stabilizers for the Food Industry 16. G.O. Phillips and P.A. Williams (Editors). Royal Society of Chemistry, Cambridge, United Kingdom. Pp 27- 44.
- **Nwokocha, L.M.** and Williams, P.A. (2012). Rheological characterization of *Leucaena leucocephala* seed polysaccharide. Carbohydrate Polymers [90, \(2\)](#), 833–838.
- Adebowale, K.O., **Nwokocha, L.M.**, Agbaje, W.B. (2013). Composition of *Cissus populnea* stem. Journal of Food Composition and Analysis 30, 41–46.
- **Nwokocha, L. M. and Williams, P. A.** (2014). Solution properties of *Brachystegia eurycoma* seed polysaccharide. In: Gums and Stabilizers for the Food Industry 17: The Changing Face of Food Manufacture: The Role of Hydrocolloids. P.A. Williams and G.O. Phillips (Editors). Pp123-138. Royal Society of Chemistry, Cambridge, United Kingdom.
- Igwe, O. U. and **Nwokocha, L. M.** (2014). Isolation of gum from the seeds of *Delonix regia* and evaluation of its interactions with cassava and maize starches. International Journal of Chemical and Biochemical Sciences 5: 15-21.

- Igwe, O. U. and **Nwokocha, L. M.** (2014). Isolation of gum from the seeds of *Delonix regia* and evaluation of its interactions with cassava and maize starches. *International Journal of Chemical and Biochemical Sciences* 5: 15-21.
- **Nwokocha, L. M.**, Aviara, N. A., Senan, C. and Williams, P. A. (2014). A comparative study of properties of starches of irish potato (*Solanum tuberosum*) and sweet potato (*Ipomea batatas*) grown in Nigeria. *Starch/Starke* 66, 714-723
- **Nwokocha, L.M.** and Williams, P.A.(2014). Isolation and characterization of a novel polysaccharide from seeds of *Peltophorum pterocarpum*, *Food Hydrocolloids* 41, 319-324.
- **Nwokocha, L.M.** and Ogunmola, G.B. (2014). Colour of starch-iodine complex as index of retrogradability of starch pastes. *African Journal of Pure and Applied Chemistry* 8(5), 89-93.
- **Nwokocha, L.M.** and Williams, P.A. (2014). Hydrodynamic and rheological properties of *Irvingia gabonensis* gum. *Carbohydrate Polymers* 114, 352–356.
- Adebowale, K.O., **Nwokocha, L.M.** and Agbaje, W.B. (2015). Composition and food value of leaves of two tropical food thickeners – *Bombax costatum* and *Cissus populnea*. *Canadian Journal of Pure and applied Sciences* 9 (1), 3221-3227.
- **Nwokocha, L.M.** and Williams, P.A. (2016). Solution characteristics and thermorheology of *Prosopis africana* seed polysaccharide. *Food Hydrocolloids* 56, 201-206.
- **Nwokocha, L.M.** and Williams, P.A. (2016). Rheological properties of a polysaccharide isolated from *Adansonia digitata* leaves. *Food Hydrocolloids* 58, 29-34.

