



RESEARCH ARTICLE

- 669 **Influence of salts on starch degradation: Part I – sodium chloride** L. Moreau, W. Bindzus and S. Hill
- 676 **Influence of salts on starch degradation: Part II – Salt classification and caramelisation** L. Moreau, W. Bindzus and S. Hill
- 683 **Effects of starch acryloylation on the grafting efficiency, adhesion, and film properties of acryloylated starch-*g*-poly(acrylic acid) for warp sizing** M. Li, Z. Zhu and X. Pan
- 692 **Synthesis and properties of carboxymethyl *Pueraria thomsonii* Benth. starch** Q. Jiang, W. Gao, X. Li, Z. Liu, L. Huang and P. Xiao
- 700 **Thermoplastic starches modified with polyurethane microparticles: The effects of isocyanate types in polyurethane** Y. Zhang, B. Fan, P. Zhang, Y. Leng, M. Zhu and Q. Wu
- 709 **Amylose content, molecular structure, physico-chemical properties and in vitro digestibility of starches from different mung bean (*Vigna radiata L.*) cultivars** M. Kaur, K. S. Sandhu, N. Singh and S.-T. Lim
- 717 **Fine structural characteristics related to digestion properties of acid-treated fruit starches** V. Espinosa-Solis, S. L. Sanchez-Ambriz, B. R. Hamaker and L. A. Bello-Pérez
- 728 **Rheological, mechanical and moisture sorption characteristics of cassava starch-konjac glucomannan blend films** S. B. Nair, A. N. Jyothi, M. S. Sajeev and R. Misra

SHORT COMMUNICATION

- 740 **Microwave assisted synthesis and characterization of Sago starch-*g*-acrylamide** A. V. Singh, L. K. Nath and M. Guha



RESEARCH ARTICLE

- 747 **Thermal properties of new varieties of yam starches** V. N'da Kouamé, S. Handschin, M. Derungs, G. N'guessan Amani and B. Conde-Petit
- 754 **Study on physicochemical characteristics of waxy potato starch in comparison with other waxy starches** H. Yan, Z. Yayuan, Z. Ling and G. Zhengbiao
- 760 **Combination of acid-demineralization and enzymatic desizing of cotton fabrics by using industrial acid stable glucoamylases and  $\alpha$ -amylases** V. A. Dehabadi, K. Opwis and J. Gutmann
- 765 **Comparison of the physicochemical and functional properties of *Aconitum carmichaeli* and *Aconiti lateralis* Preparata starches** Y. Xia, W. Gao, Q. Jiang, X. Li, L. Huang and P. Xiao
- 771 **Preparation of highly substituted carboxymethyl starch using a twin-screw extruder** P. N. Bhandari and M. A. Hanna
- 780 **Synthesis of soluble N-functionalized polysaccharide derivatives using phenyl carbonate precursor and their application as catalysts** A. Pourjavadi, F. Seidi, S. S. Afjeh, N. Nikoseresht, H. Salimi and N. Nemati
- 792 **Starch re-crystallization kinetics as a function of various cations** M. Beck, M. Jekle and T. Becker



- 801 **The impact of sourdough addition to frozen stored wheat-flour rolls on glycemic response in human volunteers** B. Borczak, E. Sikora, M. Sikora and I. Van Haesendonck



- 808 **Drug release from microstructured grafted starch monolithic tablets** I. Silva, M. Gurruchaga and I. Goñi

- 820 **Erratum**