

Preface

- 1 7th international conference on water in food
H.-D. ISENGARD (Germany)

Papers

- 2 Molecular mobility, composition and structure analysis in glycerol plasticised chitosan films
J.F. FUNDO, R. FERNANDES, P.M. ALMEIDA, A. CARVALHO, G. FEIO, C.L.M. SILVA & M.A.C. QUINTAS
(Portugal)
- 9 Effect of relative humidity on carvacrol release and permeation properties of chitosan based films and coatings
M. KUREK (France, Croatia), A. GUINAULT, A. VOILLEY (France), K. GALIĆ (Croatia) & F. DEBEAUFORT (France)
- 18 Effect of ultrasound treatment on the water state in kiwifruit during osmotic dehydration
M. NOWACKA (Poland), U. TYLEWICZ, L. LAGHI, M. DALLA ROSA (Italy) & D. WITROWA-RAJCHERT (Poland)
- 26 Water–solid interactions between amorphous maltodextrins and crystalline sodium chloride
M.K. GHORAB, K. MARRS, L.S. TAYLOR & L.J. MAUER (USA)
- 36 Multidisciplinary approach to study the effect of water status and mobility on the activity of peroxidase in solutions
G. SACCHETTI, L. NERI, L. LAGHI, F. CAPOZZI, D. MASTROCOLA & P. PITTIA (Italy)
- 44 Structure formation in sugar containing pectin gels – Influence of tartaric acid content (pH) and cooling rate on the gelation of high-methoxylated pectin
H. KASTNER, K. KERN, R. WILDE, A. BERTHOLD, U. EINHORN-STOLL & S. DRUSCH (Germany)
- 50 Interfacial protein engineering for spray–dried emulsions – Part I: Effects on protein distribution and physical properties
T. MOISIO, A. DAMERAU, A.-M. LAMPI, V. PIIRONEN, P. FORSELL & R. PARTANEN (Finland)
- 57 Interfacial protein engineering for spray-dried emulsions – Part II: Oxidative stability
A. DAMERAU, T. MOISIO, R. PARTANEN, P. FORSELL, A.-M. LAMPI & V. PIIRONEN (Finland)

- 65 Mechanical properties and microstructure of frozen carrots during storage as affected by blanching in water and sugar solutions
L. NERI (Italy), I. HERNANDO, I. PÉREZ-MUNUERA (Spain), G. SACCHETTI, D. MASTROCOLA & P. PITTIA (Italy)
- 74 Physico-chemical properties of ready to eat, shelf-stable pasta during storage
E. CARINI, E. CURTI, F. CASSOTTA, N.E.O. NAJM & E. VITTADINI (Italy)
- 80 Monitoring methods and predictive models for water status in Jonathan apples
L.C. TRINCĂ, A.-M. CĂPRARU, D. AROTĂRIȚEI, I. VOLF & C. CHIRUȚĂ (Romania)

I Calendar