

Food Hydrocolloids

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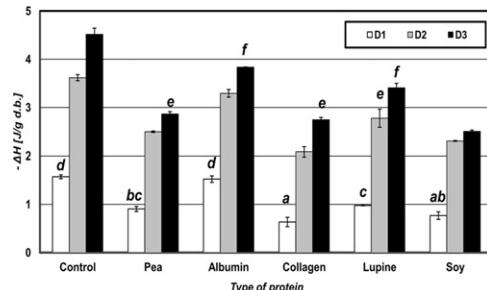
Graphical abstracts

Supplementation of gluten-free bread with non-gluten proteins. Effect on dough rheological properties and bread characteristic

Food Hydrocolloids 2013, 32, 213–220

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Enthalpy of melting of amylopectin crystallites (□ day 1, ■ day 2, ▨ day 3) of control gluten-free bread.

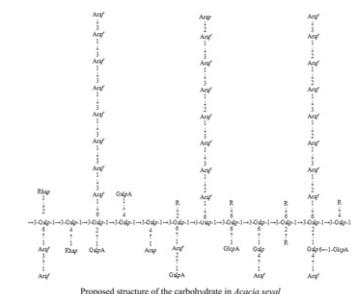


The core carbohydrate structure of *Acacia seyal* var. *seyal* (Gum arabic)

Food Hydrocolloids 2013, 32, 221–227

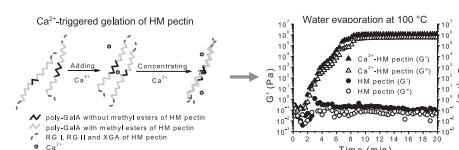
Shao-Ping Nie^{a,b}, Cathy Wang^b, Steve W. Cui^{a,b,*}, Qi Wang^b, Ming-Yong Xie^a, Glyn O. Phillips^{c,d}^aState Key Laboratory of Food Science and Technology, Nanchang University, Nanchang, Jiangxi 330047, China^bGuelph Food Research Centre, Agriculture and Agri-Food Canada, 93 Stone Road West, Guelph, Ont., Canada N1G 5C9^cGlyn O. Phillips Hydrocolloid Research Centre, Glyndŵr University, Wrexham, LL11 2AW, Wales, UK^dPhillips Hydrocolloids Research Ltd, 45 Old Bond Street, London W1S 4QT, UK

Proposed structure of the carbohydrate in *Acacia seyal*. R is one of these following residues: T-Rhap1. → , T-L-Araf 1. → , T-L-Arap 1. → , TGlcP1A1. → , T-GalpA1. → , T-L-Araf 1. → 3-L-Araf 1. → , T-L-Araf 1. → 2-L-Araf 1 → . The galactose moieties are in - β -D form, with the galacturonic acid, arabinose and rhamnose in α -L form.



Calcium cation triggers and accelerates the gelation of high methoxy pectin

Food Hydrocolloids 2013, 32, 228–234

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β -Lactoglobulin–sodium alginate interaction as affected by polysaccharide depolymerization using high intensity ultrasound

Seyed Mohammad Hashem Hosseini^{a,d}, Zahra Emam-Djomeh^{a,*}, Seyed Hadi Razavi^a, Ali Akbar Moosavi-Movahedi^b, Ali Akbar Saboury^b, Maliheh Sadat Atri^c, Paul Van der Meeren^d

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Properties of red tilapia (*Oreochromis niloticus*) protein based film as affected by cryoprotectants

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Impact of viscous dietary fibres on the viscoelastic behaviour of gluten-free formulated rice doughs: A fundamental and empirical rheological approach

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Effect of barley beta-glucan (BBG) addition on creep test curves and pasting profiles of gluten-free doughs at intermediate doses (0 level) of dietary fibres (1.3% SFE; 1.3% NE; 2% BBG) and water (90% WATER) addition.

Designing reduced-fat food emulsions: Locust bean gum–fat droplet interactions

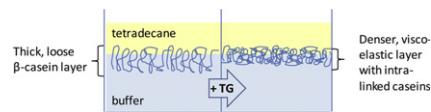
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Mixed colloidal systems consisting of fat droplets and biopolymer molecules can be used as model systems for complex food products such as sauces, soups and dressings.

Interfacial cross-linking of β -casein changes the structure of the adsorbed layer

Food Hydrocolloids 2013, 32, 271–277

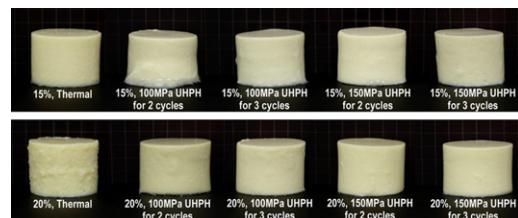
Riitta Partanen^{a,*}, Pirkko Forssell^a, Alan Mackie^b, Eva Blomberg^{c,d}^aVTT Technical Research Centre of Finland, P.O. Box 1000, FI-02044 VTT, Finland^bInstitute of Food Research, Norwich Research Park, Colney, Norwich NR4 7UA, UK^cKTH, School of Chemical Science & Engineering, Drottning Kristinas väg 51, SE-100 44 Stockholm, Sweden^dYKI, Institute for Surface Chemistry, Drottning Kristinas väg 51, SE-100 44 Stockholm, Sweden

Ultra high pressure homogenized soy flour for tofu making

Food Hydrocolloids 2013, 32, 278–285

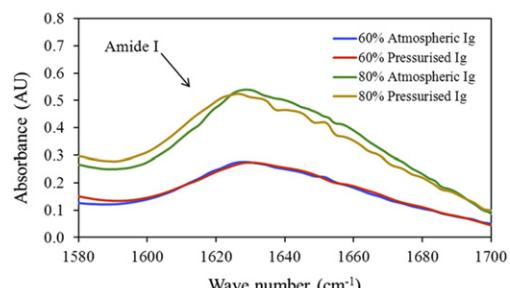
Hsiao-Hui Liu^a, John-Tung Chien^b, Meng-I. Kuo^{b,*}^aPh.D. Program in Nutrition and Food Sciences, Fu-Jen Catholic University, 510 Jhong-Jheng Road, New Taipei City 24205, Taiwan^bDepartment of Food Science, Fu-Jen Catholic University, 510 Jhong-Jheng Road, New Taipei City 24205, Taiwan

The appearance of tofu made from different concentrations (15% and 20%) of soy flour suspension with thermal treatment and ultra high pressure homogenization (UHPH).



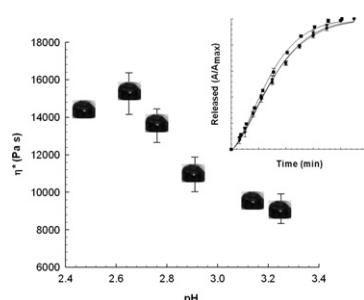
Effect of high hydrostatic pressure on the structural properties and bioactivity of immunoglobulins extracted from whey protein

Food Hydrocolloids 2013, 32, 286–293

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Influence of pH and soy protein isolate addition on the physicochemical properties of functional grape pectin confections

Food Hydrocolloids 2013, 32, 294–302

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The effect of high intensity ultrasonic pre-treatment on the properties of soybean protein isolate gel induced by calcium sulfate

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Food Hydrocolloids 2013, 32, 303–311

Effect of phospholipid molecular structure on its interaction with whey proteins in aqueous solution

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Food Hydrocolloids 2013, 32, 312–321

pH-induced demineralization of casein micelles modifies their physico-chemical and foaming properties

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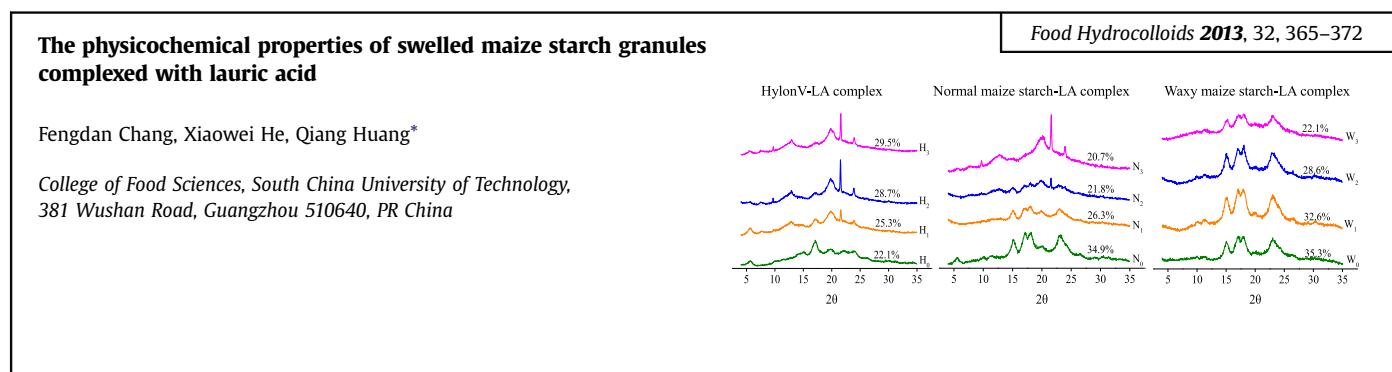
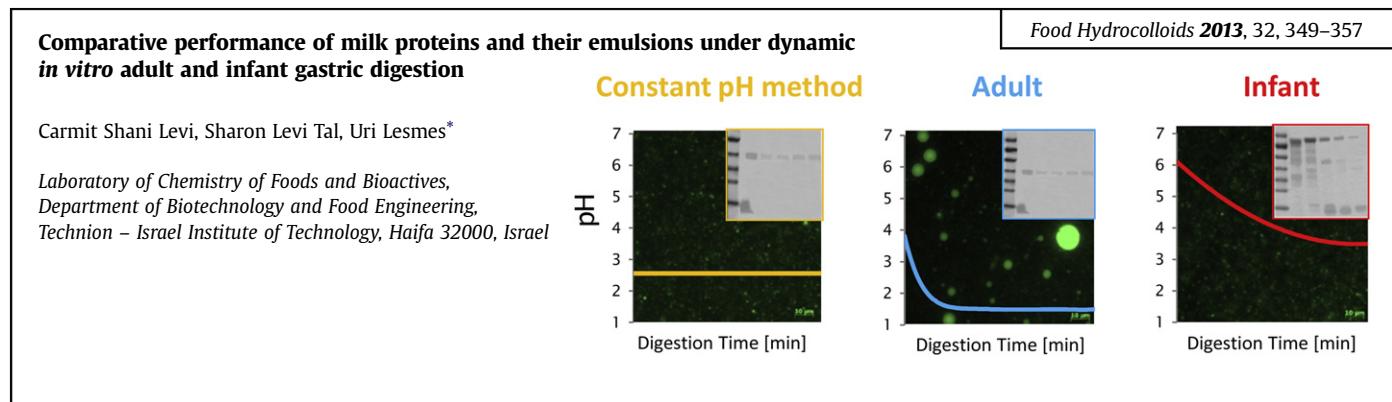
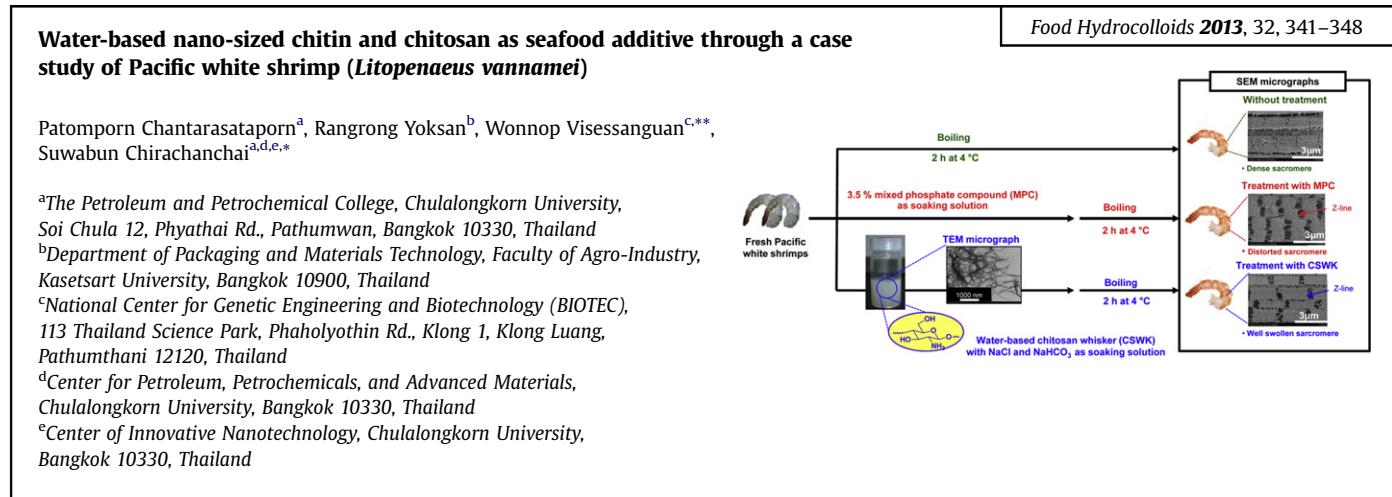
Food Hydrocolloids 2013, 32, 322–330

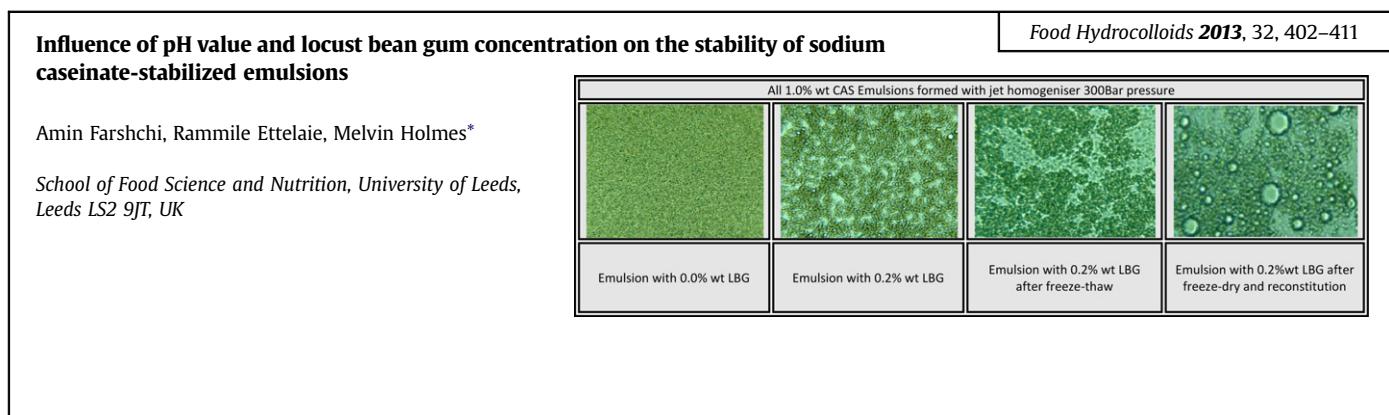
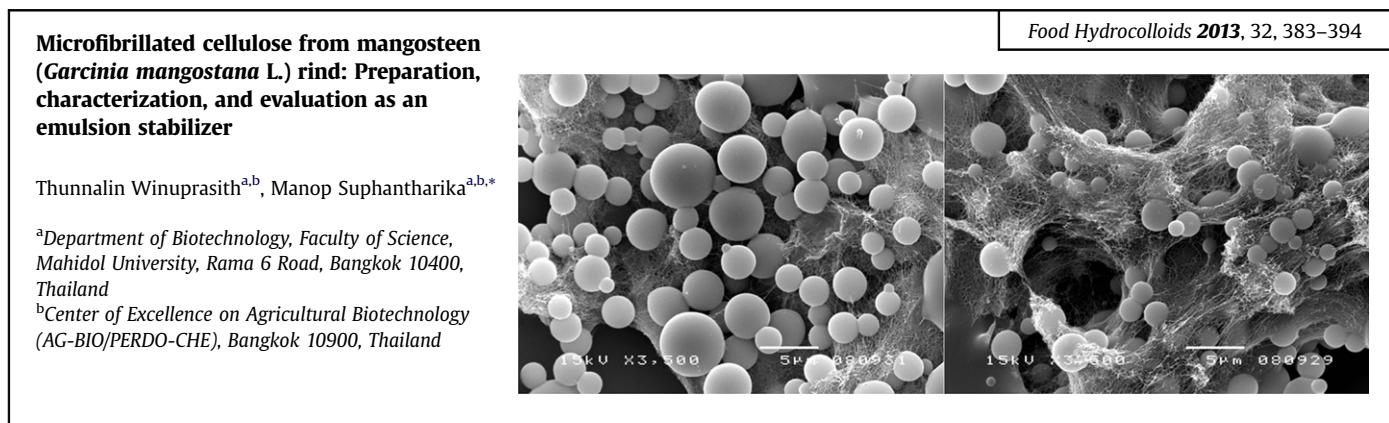
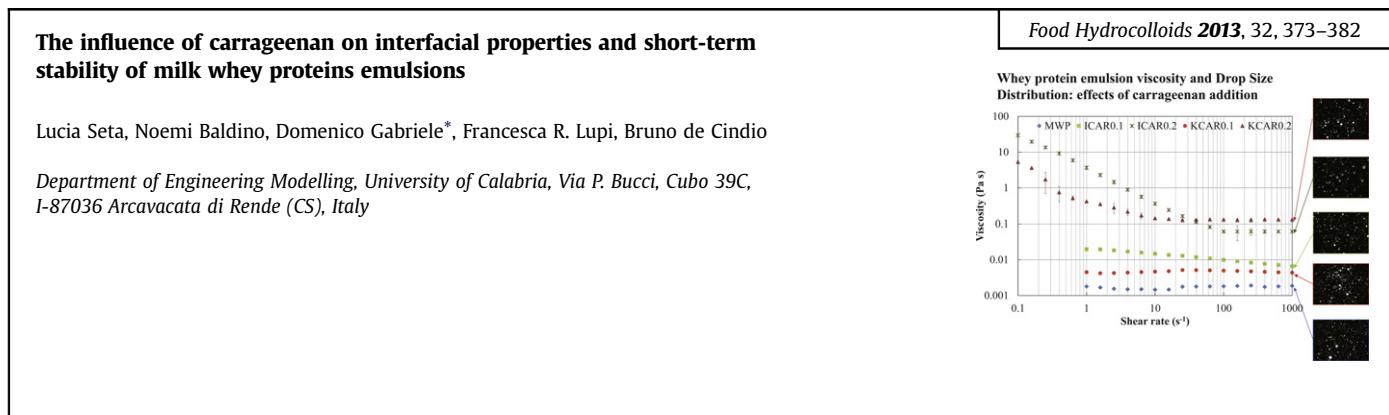
Effect of xanthan structure on its interaction with locust bean gum: Toward prediction of rheological properties

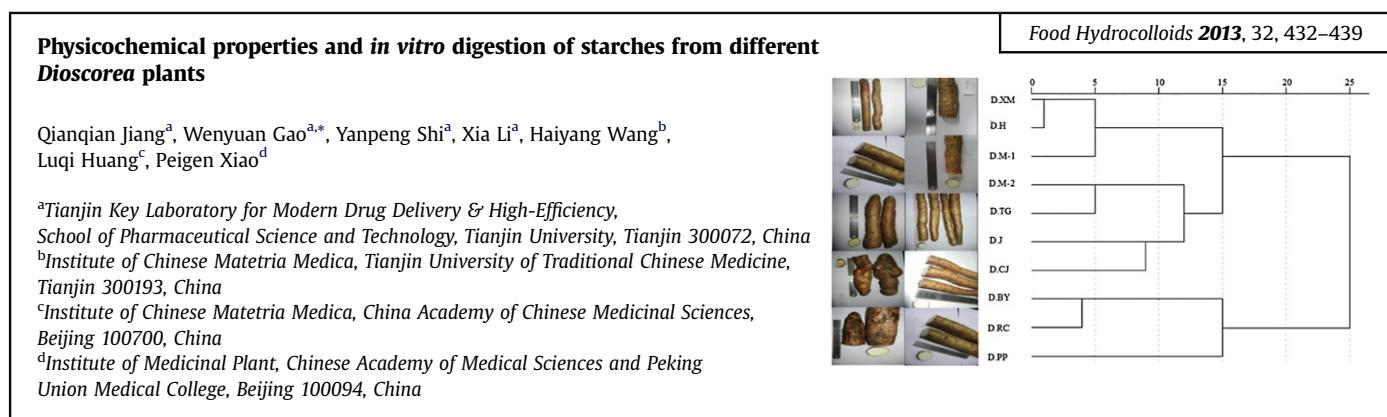
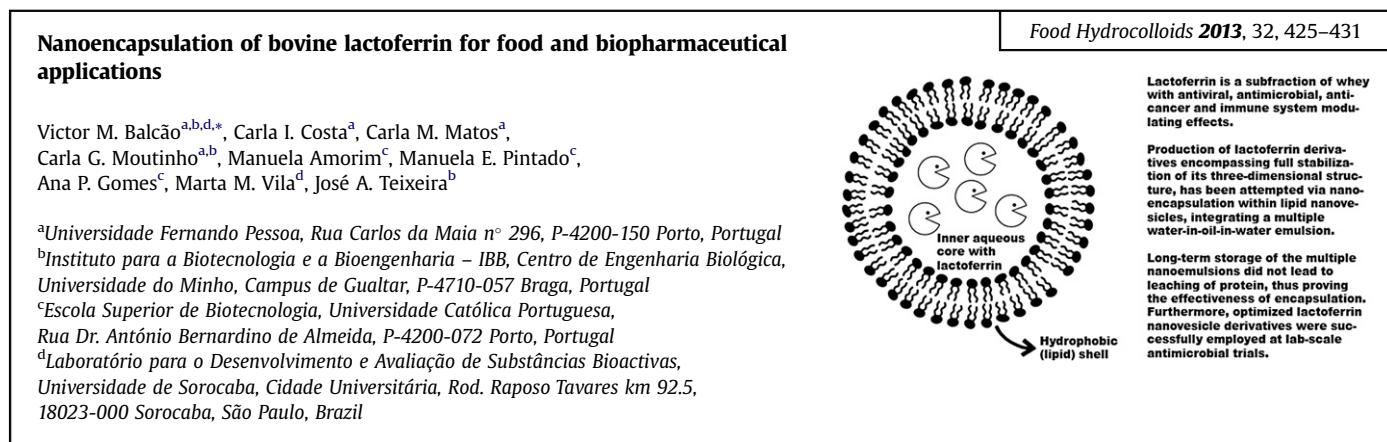
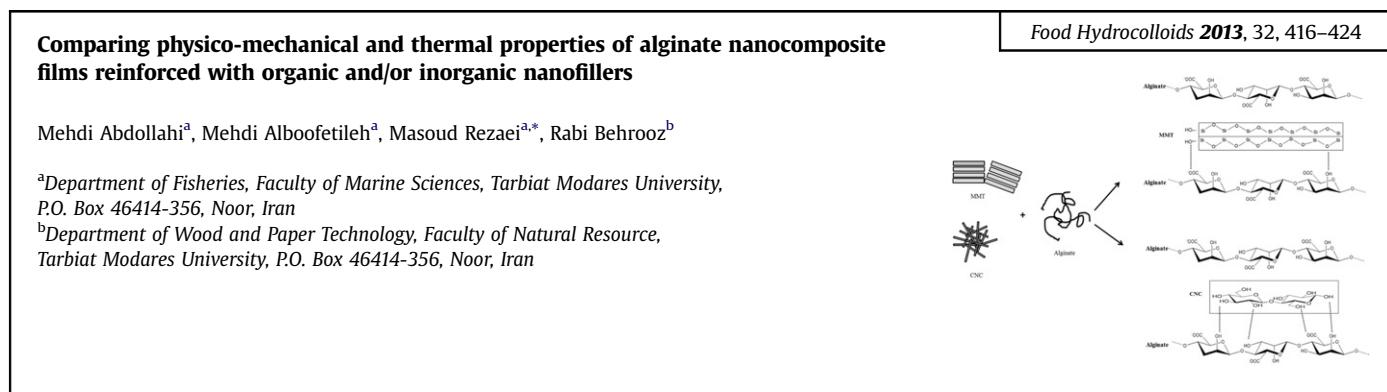
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Food Hydrocolloids 2013, 32, 331–340







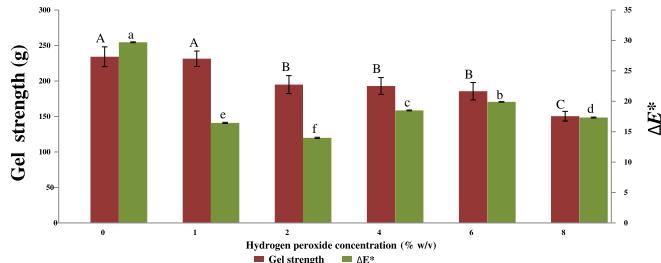
Food Hydrocolloids 2013, 32, 447–452

Effects of bleaching on characteristics and gelling property of gelatin from splendid squid (*Loligo formosana*) skin

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Food Hydrocolloids 2013, 32, 453–462

Characterization of rheological interactions of *Gleditsia triacanthos* gum with some hydrocolloids: Effect of hydration temperature

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