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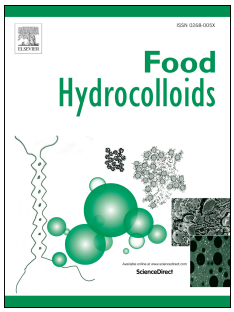

Fabrication of cellulose nanofibers from waste brown algae and their potential application as milk thickeners

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Highlights

- Cellulose was extracted from waste brown algae with a fibered network structure.
- The cellulose nanofibers possessed high viscosity and exhibited superior thickening behavior in milk.
- The cellulose nanofibers exhibited no cytotoxicity.