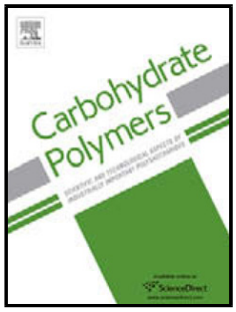

Title: Surface-initiated atom transfer radical polymerization from chitin nanofiber macroinitiator film

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Highlights

- Chitin nanofiber (CNF) film was used for surface-initiated graft polymerization.
- It derived to macroinitiator for atom transfer radical polymerization (ATRP).
- Surface-initiated graft ATRP of acrylate monomer from the product was performed.
- The analytical results showed the production of CNF-graft-polyacrylate film.