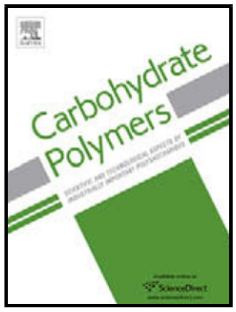

Title: Characterization of cellulose from banana pseudo-stem by heterogeneous liquefaction

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Highlights

- Cellulose fibers were obtained based on sodium chlorite method and liquefaction.
- The percentage of cellulose can be controlled by liquefaction time.
- The cellulose fibers' crystallinity is high.
- The cellulose fibers exhibit enhanced thermal properties and surface area.
- The cellulose fibers may be suitable as reinforcing elements in biocomposite material.