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# Excellent reusable chitosan/cellulose aerogel as an oil and organic solvent absorbent

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## Highlights

- Chitosan successfully reacted with oxidized cellulose hydrogel.
- The aerogel exhibited a high oil/water selectivity after modification.
- The aerogel exhibited high absorption capacity for oils and organic solvents.
- Reinforce of structure made the aerogel possess high recyclability.

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