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Title: Co-effects of Amines Molecules and Chitosan Films on In Vitro Calcium Carbonate Mineralization

Author: Jifei Cui John F. Kennedy Jun Nie Guiping Ma



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## Highlights

- Morphologies of CaCO<sub>3</sub> were obtained by the co-effect of chitosan and positively charged monomers;
- 2) The effect of different monomers on mineralization of CaCO<sub>3</sub> was investigated and the possible reason was analyzed.

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