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Green synthesis of the excellent magnesium oxysulfate whiskers under controlled reaction conditions

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## Highlights

1. Excellent magnesium oxysulfate whiskers were synthesized by simple green method.

2. Whiskers was obtained by only using Mg(OH)<sub>2</sub> and MgSO<sub>4</sub> without surfactant.

3. No by-product was produced in the reaction process.

4. Effect of the reacting conditions to the formation of the sample was researched.

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