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# Nitrogen photofixation by ultrathin amine-functionalized graphitic carbon nitride nanosheets as a gaseous product from thermal polymerization of urea

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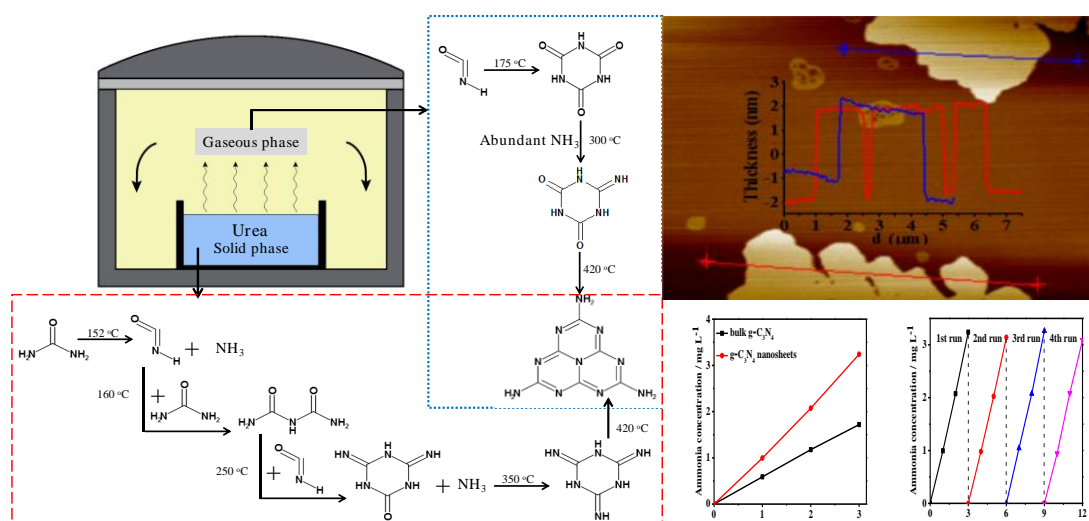
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## Graphical abstract



## Highlights

- High yield g-C<sub>3</sub>N<sub>4</sub> nanosheets were got from gaseous phase of polymerization of urea.

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