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Title: A SERS substrate of mesoporous g-C₃N₄ embedded with in situ grown gold nanoparticles for sensitive detection of 6-thioguanine

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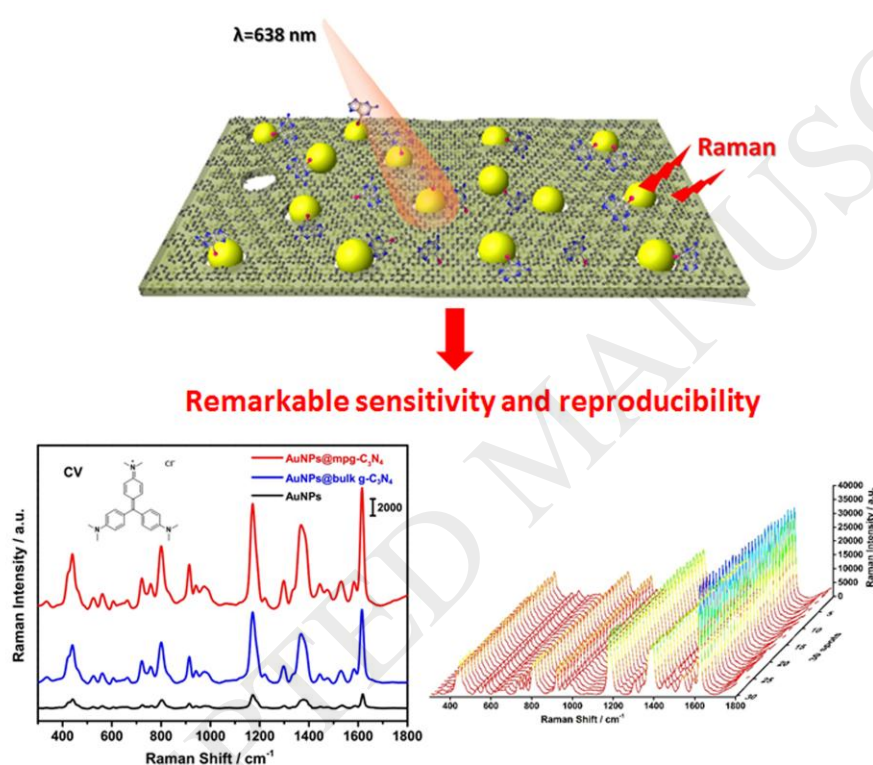
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Graphical abstract



Highlights

- A novel SERS active substrate, mesoporous graphitic carbon nitride embedded with gold nanoparticles (Au@mpg-C₃N₄) was synthesized.
- Mesoporous structure accommodated high-density gold nanoparticles, defined their size and inhibited their aggregation.
- The SERS method based on Au@mpg-C₃N₄ substrate features high sensitivity and

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