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Authors: Poushali Das, Sayan Ganguly, Subhadip Mondal, Madhuparna Bose, Amit Kumar Das, Susanta Banerjee, Narayan Chandra Das



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Heteroatom doped photoluminescent carbon dots for sensitive detection of acetone in human fluids

Poushali Das¹, Sayan Ganguly², Subhadip Mondal², Madhuparna Bose³, Amit Kumar Das³, Susanta Banerjee⁴ and Narayan Chandra Das^{*1,2}.

¹School of Nanoscience and Technology, Indian Institute of Technology, Kharagpur 721302

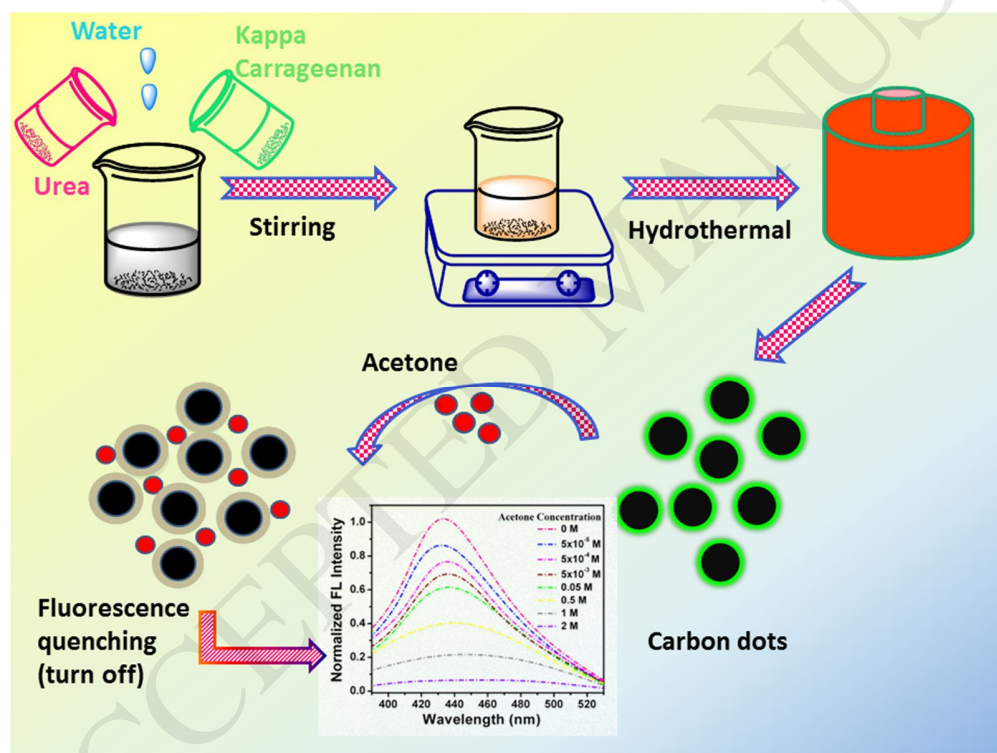
²Rubber Technology Centre, Indian Institute of Technology, Kharagpur 721302

³Department of Biotechnology, Indian Institute of Technology, Kharagpur 721302

⁴Materials Science Centre, Indian Institute of Technology, Kharagpur 721302

*Corresponding author: ncdas@rtc.iitkgp.ernet.in

Graphical abstract



Highlights

- Facile synthesis of green luminescent nitrogen and sulphur co-doped carbon dots (NSC-dots) with high quantum yield.
- Application of NSC-dots for acetone sensing in human fluids (blood and urine).

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