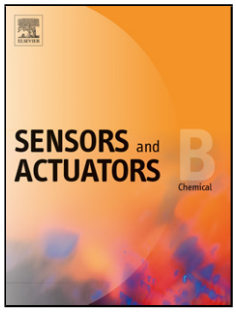

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Excitation dependent emission combined with different quenching manners supports carbon dots to achieve multi-mode sensing

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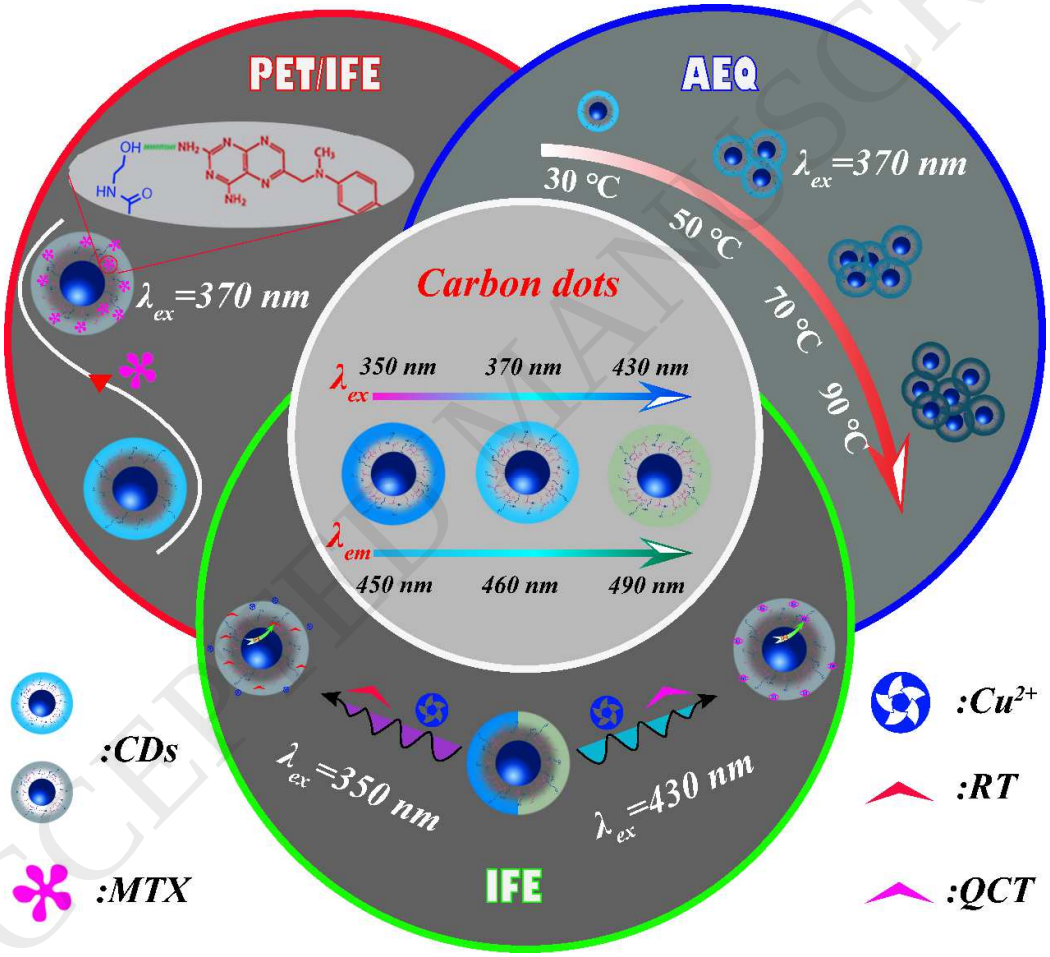
Graphical Abstract



Highlights

- Multi-mode sensing for methotrexate, rutin, quercetin and temperature were achieved
- Excitation dependent emission combined with different quenching manners