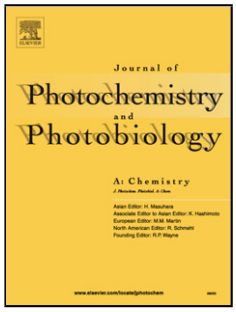

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A Novel Pyrrole fused Coumarin based Highly Sensitive and Selective Fluorescence Chemosensor for Detection of Cu^{2+} Ions and Applications Towards Live Cell Imaging

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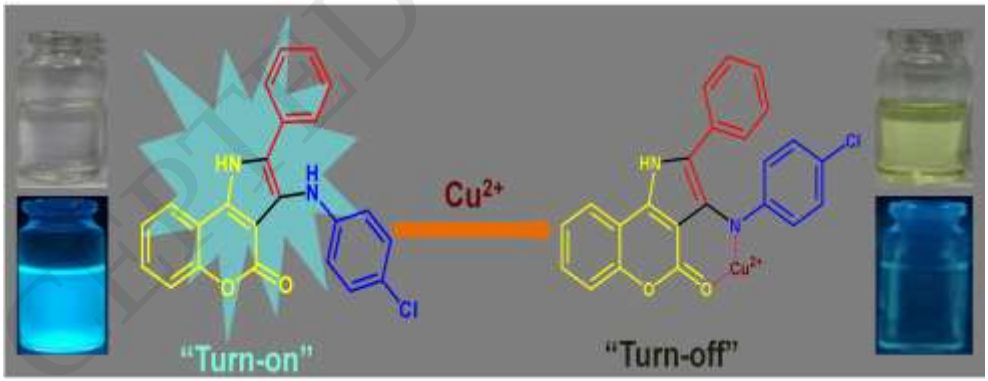
Graphical Abstract



Research Highlights

- A novel pyrrole fused coumarin based fluorescence "Turn-off" chemosensor.
- The probe is highly selective and sensitive towards Cu^{2+} ions in acetonitrile solvent.