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Polycyclic aromatic compounds-modified graphitic carbon nitride for efficient visible-light-driven hydrogen evolution

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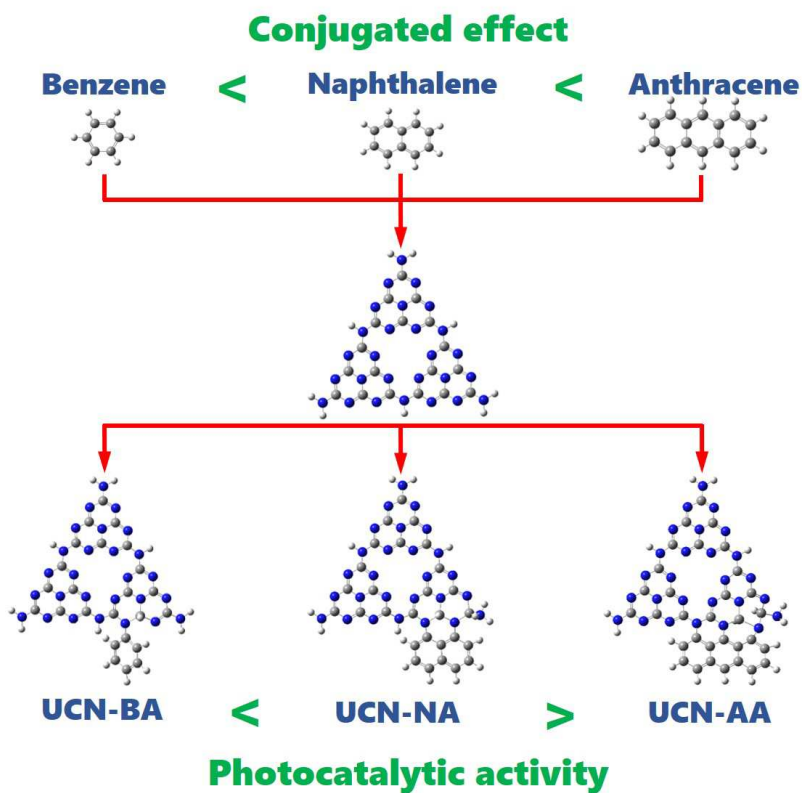
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## Graphical Abstract



This study reports the preparation, characterization and photocatalytic activity of aromatic rings-grafted graphitic carbon nitride (GCN) photocatalysts, which display enhanced visible light absorption and improved separation of charge carriers due to the extended  $\pi$ -conjugated system, and thus the high hydrogen evolution rate.

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