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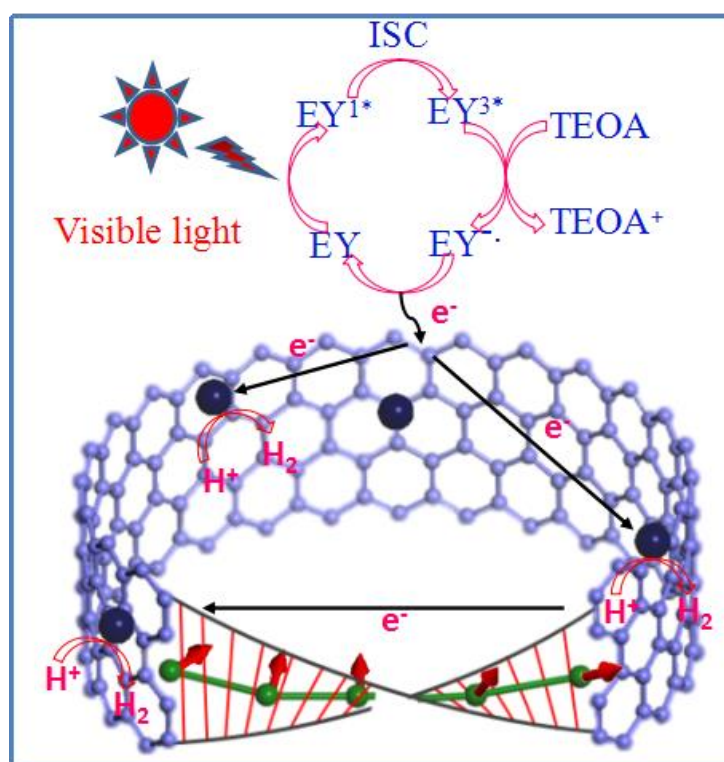
Enhancing photoactivity for hydrogen generation by electron tunneling via flip-flop hopping over Möbius strip-like RGO

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Graphic Abstract



Highlights:

- The Möbius strip-like RGO via I_3^- and I_5^- clusters doping offered a route for electron tunneling.
- The anisotropy of electron transfer over RGO was improved effectively.
- The conductivity of RGO was enhanced.

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