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Amine group induced high activity of highly torn amine functionalized nitrogen doped graphene as the metal-free catalyst for hydrogen evolution reaction

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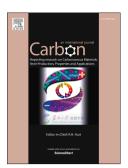
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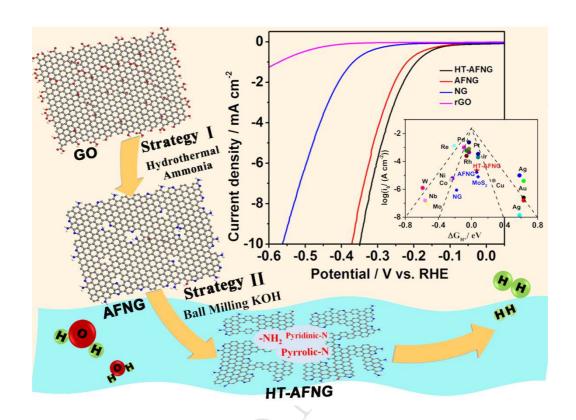
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