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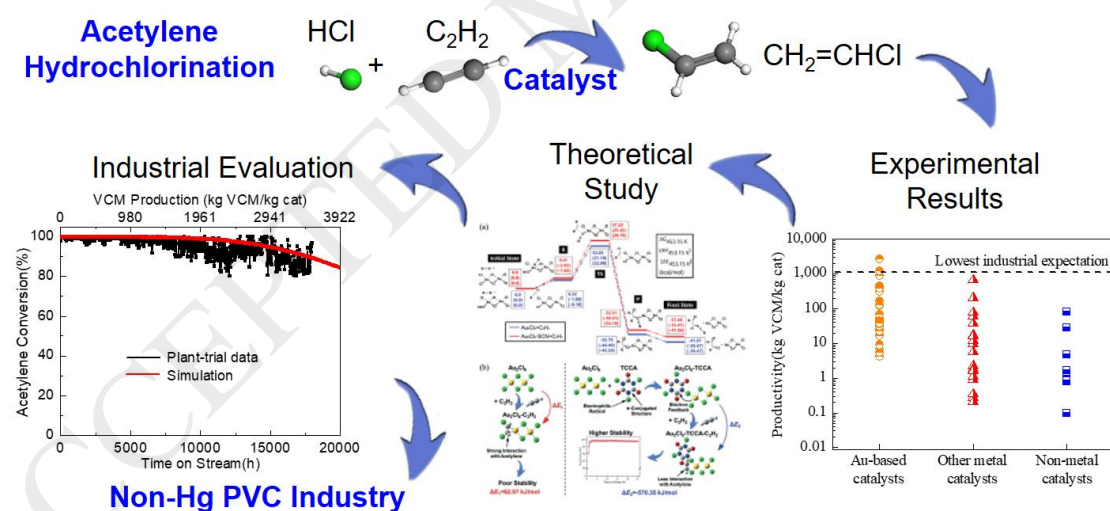
Green Production of PVC from Laboratory to Industrialization: State-of-the-art Review of Heterogeneous Non-Mercury Catalysts for Acetylene Hydrochlorination

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Graphical abstract



Abstract: This review gives a summary on heterogeneous non-mercury catalysts for acetylene hydrochlorination process. First, various catalysts are classified and their performances are compared. Next, studies on catalytic performance by theoretical characterizations and molecule level simulations are introduced. Then, efforts for industrial scaling up and corresponding long-term plant trial results are presented to

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