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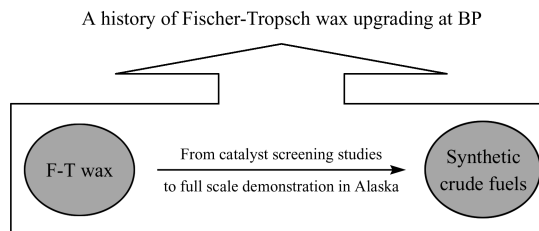
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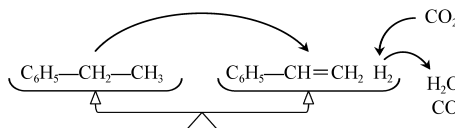
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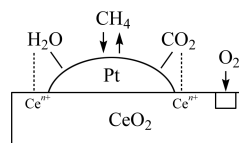
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The dehydrogenation of ethylbenzene (EB) to styrene (ST) in the presence of CO₂, in which EB dehydrogenation is coupled with the reverse water-gas shift (RWGS), was investigated extensively through both the theoretical analysis and the experimental characterization.



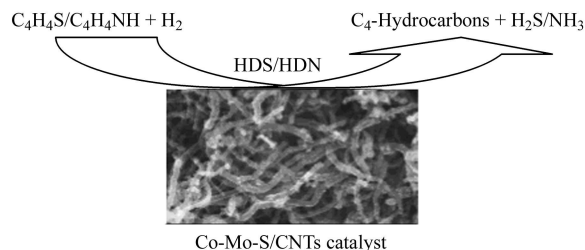
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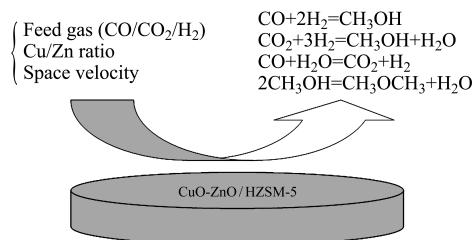
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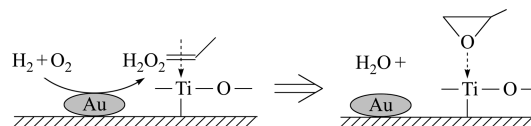
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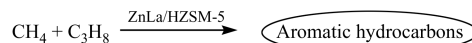


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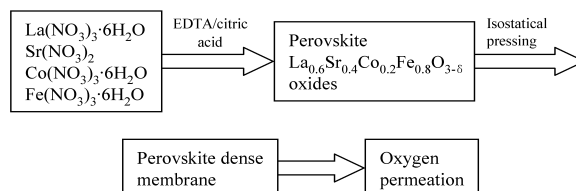


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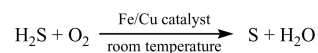
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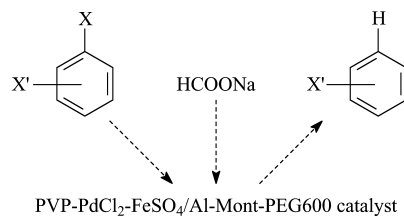
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