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Eco-friendly controllable synthesis of highly dispersed ZIF-8 embedded in porous Al_2O_3 and its hydrogenation properties after encapsulating Pt nanoparticles

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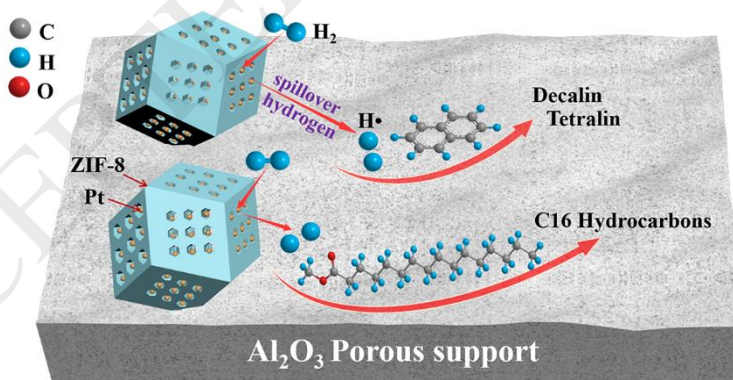
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Graphical abstract



Pt/ZIF-8@ Al_2O_3 utilizes the synergistic effect of ZIF-8 and Al_2O_3 to achieve a high conversion and selectivity in hydrogenation reaction.

Highlights

- A ZIF-8@ Al_2O_3 composite was designed for efficient hydrogenation catalysis.

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