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Electronic structure of heterojunction $\text{MoO}_2/\text{g-C}_3\text{N}_4$ catalyst for oxidative desulfurization

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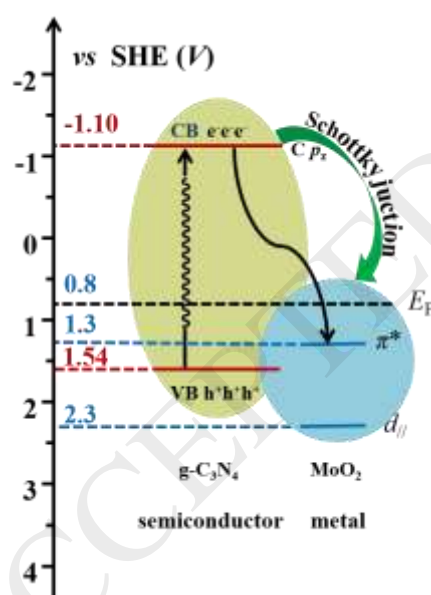
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Graphical abstract



The electronic structure of $\text{MoO}_2/\text{g-C}_3\text{N}_4$ metal-semiconductor heterojunction.

Highlights

- $\text{MoO}_2/\text{g-C}_3\text{N}_4$ composites have been successfully synthesized by a facile calcination method.
- Electron transfer from $\text{g-C}_3\text{N}_4$ to MoO_2 occurs for $\text{MoO}_2/\text{g-C}_3\text{N}_4$ heterojunction composites.

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