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Title: Support effects of NiW hydrodesulfurization catalysts from experiments and DFT calculations

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## Support effects of NiW hydrodesulfurization catalysts from experiments and DFT calculations

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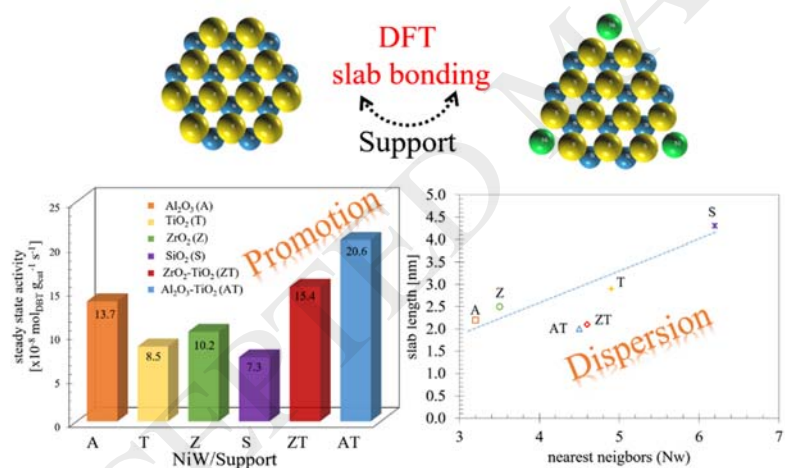
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Graphical Abstract



## Support effects of NiW hydrodesulfurization catalysts from experiments and DFT calculations

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Highlights

- W dispersion was measured by UV-vis DRS characterization.
- Activity correlates with  $\text{WO}_x\text{S}_y$  phase formed under reaction conditions.
- Promoted clusters bent by support interaction.

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