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Chunshan Song



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Research Areas:

- Molecular Basket Sorbents for CO₂ & H₂S/NO₂/SO₂ Capture
- Processing of hydrocarbon fuels and bio-fuels for ultra clean fuels and fuel cells
 - Selective adsorption for removing sulfur (SARS)
 - Sulfur-tolerant and Carbon-resistant catalyst for low-temperature reforming of hydrocarbons

Research Tools:

- catalytic reactions
- adsorption
- nano-porous materials
- analytical characterization of materials
- molecular simulation

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