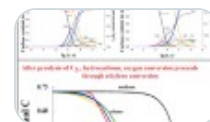


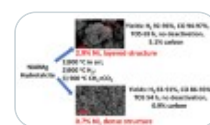
9 articles in this issue

Comparative Analysis of Non-Catalytic Processes for Methane and C₂₊ Hydrocarbon Conversion: Thermal Pyrolysis, Partial Oxidation, Steam Reforming, and Dry Reforming



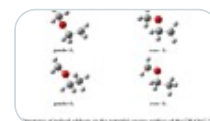
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Hydrotalcite-Derived Catalysts Based on Al, Mg, and Ni Hydroxides with Untypical Nickel Loadings: Effects of Ni Loading on Textural Properties and Catalytic Performance in Dry Reforming of Methane to Syngas



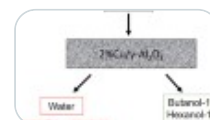
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Reaction of Ethylene with Methoxyl Radicals: A Quantum-Chemical Study



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The Effects of Water on Self-Condensation of Ethanol over Copper-Based Catalysts



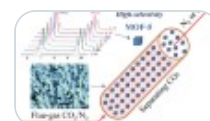
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¹H NMR Characterization of *rac*-Et(2-MeInd)₂ZrMe₂ Activation by Diisobutylaluminum Aryloxide (2,6-*t*Bu₂PhO-)Al^{*i*}Bu₂



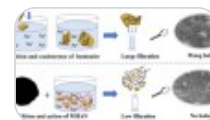
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Challenging Synthesis of High-Selectivity MOF-5 Crystals for Separation of CO₂/N₂ and CO₂/CH₄



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Synthesis and Performance Evaluation of a Melamine Resin Filtration Reducer for Saturated Brine Drilling Fluids



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Viscosity Equations in Oil and Water Wells



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Rheological Properties of Deep-Well Composite Salt Drilling Fluids Under High-Temperature and High-Pressure Conditions



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