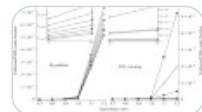




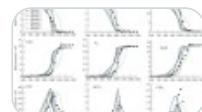
11 articles in this issue

**Modeling the Role of Hydrogen Strategies in Mitigating Unburned Ammonia and Carbonyl Pollutants from Ammonia/Methanol Combustion**



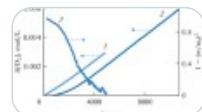
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**Low-Temperature Oxidation and Combustion of Stoichiometric  $\text{NH}_3/\text{C}_2\text{H}_2/\text{O}_2/\text{Ar}$  Mixtures at Atmospheric and Elevated Pressures**



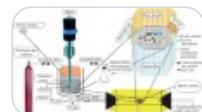
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**Kinetics of the Oxidation of Tetrahydrofuran in Aqueous Solution Initiated by 2,2'-Azobis(2-amidinopropane) Dihydrochloride**



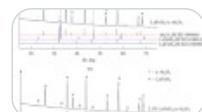
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**Enhanced Hydrodesulfurization of Diesel Using Novel  $\text{RN}/\gamma\text{-Al}_2\text{O}_3@\text{CNTs}$  Catalyst**



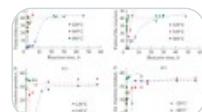
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**Honeycomb Supported  $\text{LaFe}_{1-x}\text{Ni}_x\text{O}_3$  ( $x = 0, 0.6, 1$ ) Perovskite Catalysts for High-Temperature  $\text{N}_2\text{O}$  Decomposition**



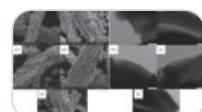
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**A Study of the Kinetics of the Mizoroki–Heck Reaction on the  $\text{Pd}/\text{P. yeei}$  Catalyst**



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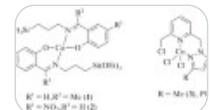
**Enhanced Acrylic Acid Production via Liquid-Phase Glycerol Oxydehydration Using SBA-15 Supported Heteropoly Phosphotungstic Acid Catalysts: Experimental Evaluation, Mechanistic Understanding, and Kinetic Modelling**



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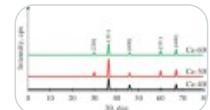
**Binuclear Cobalt(II) Complexes Formed by Bridging Arylphosphinic Acids in Tandem Catalytic Process of Ethylene Dimerization and Friedel–Crafts Alkylation of Toluene**



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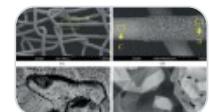
**Coprecipitation Method for Preparing Cobalt Oxide (Co<sub>3</sub>O<sub>4</sub>) Catalyst to Efficiently Oxidize Ammonia**



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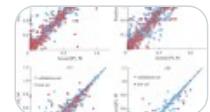
**The Role of Rh and Mg Oxides in the Etching of Industrial Pt–Pd–Rh–Ru Gauze in the Course of Catalytic Oxidation of Ammonia with Air at 1133 K**



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**Approaches to the Interpretation of Machine Learning Models Trained with Big Experimental Kinetic Data: An Example of the Suzuki–Miyaura Reaction**



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