

Special Issue

New Catalysts in Chemical Industry, Petrochemical Technologies, and Environmental Protection

Message from the Guest Editors

Progressing chemical technologies is significant to sustainable development. The sustainable development of chemical technologies can be generalized including the fields of high-efficiency conversion of heavy oil, green petrochemical catalytic technologies, clean utilization of natural gas, clean energy, environmental protection, etc. This Special Issue will focus on recent advances in developing new catalysts, new supports of catalysts in chemical, organic synthesis, petrochemical, oil-refining, fuel and energy industries, pharmaceutical, and environment protection. Original research papers and short reviews addressing all aspects of heterogeneous catalysis from a chemical engineering perspective including catalysts preparation and characterization, reaction kinetics and mechanisms, and catalytic reactors design for implementation in chemical technology.

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