Special Issue

Progress on Solid Fuel Combustion, Pyrolysis and Gasification

Message from the Guest Editors

This Special Issue focuses on recent progress in the combustion, pyrolysis, and gasification of solid fuel—three key thermochemical conversion pathways that directly influence energy efficiency, pollutant emissions, and the value-added utilization of by-products. Combustion remains the dominant route for heat and power generation, while pyrolysis and gasification offer cleaner, more flexible strategies for producing fuels, chemicals, and syngas from solid materials.

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