



Frontiers in Catalytic Emission Control

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Message from the Guest Editors

Catalysts is releasing a Special Issue on the “Frontiers in Catalytic Emission Control”. The emission of gaseous pollutants such as SO₂/NO_x/CO/HCs/VOCs/CO₂/Hg emitted from power stations, factories, and automobiles is believed to be one of the most serious environmental challenges of the 21st century. To meet the ever-increasing demand for the control of the ecological environment, this Special Issue collects the developments made regarding flue gas. We are interested in, but not limited to, the study of low-temperature denitration catalysts, VOCs catalytic oxidation technology, and technology for the coordinated control of multiple pollutants. Particular focus is on the discovery of novel environmental catalytic materials, in situ reaction mechanisms, DFT calculations for catalytic processes or mechanisms, and catalytic models for applications.

Deadline for manuscript submissions:

closed (30 November 2022)

