

Special Issue

Current State-of-the-Art of Catalysts

Message from the Guest Editors

This Special Issue is dedicated to compile a set of manuscripts related to the state-of-the-art in current main development trends in the field of catalysis: Enzymes as biocatalysts and enzyme-producing microorganisms; Microbial biocatalysis and their used in the commercial production; *Metabolic pathways and* design of biocatalytic processes implemented in food, pharma, agro-based, chemical and petrochemical industries; Compounds that catalyze and coordinate biochemical conversions in organisms; Microbiome and catalytic activities; Anti-catalysts; Catalyst immobilization and encapsulation methods and applications; Present and future catalysis industry; Catalyst for production of hydrogen as future green fuel; Decomposition of natural sources or by reforming processes; Photocatalysis for solar fuels production and environmental remediation; Catalysis meet industrial challenges of clean energy production; Functional nanomaterials for clean energy and environment.

Guest Editors

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Deadline for manuscript submissions

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