

Special Issue

Advances in Catalytic Materials and Their Applications

Message from the Guest Editor

This Special Issue aims to provide a comprehensive review of these topics, including the selective regulation of ethylene glycol and 1,2-propanediol production using glycerol and cellulose, and the conversion of cellulose to isosorbide. It also covers advancements in direct seawater electrolysis for hydrogen production, focusing on electrocatalyst development and process optimization. This Special Issue aims to offer valuable insights and guidance for future research in sustainable biomass conversion and hydrogen production, contributing to the development of eco-friendly and efficient processes.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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