Topical Collection

Catalysts: Preparation, Catalytic Performance and Catalytic Reaction

Message from the Collection Editors

The aim of this Special Issue is to cover the promising recent research and novel trends in the fields of the preparation of catalysts that reach the thermodynamic equilibrium faster with the lowest energy supply to be used in catalytic processes with academic and industrial interest. Full papers, short communications, and reviews in the field are welcome. Mini-reviews with an overview on the state-of-the-art with future perspectives and trends in this domain will be also considered. The editors welcome contributions increasing the role of catalysts in environmental protection without any restrictions regarding the nature of the catalyst and the preparation method. Keywords

- catalysis
- catalytic performance
- catalytic reaction
- characterization
- synthesis

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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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