Special Issue

Metal-based Heterogeneous Catalysts for Hydrogen Generation/Production

Message from the Guest Editor

Catalysis has always played a major role in the field of energy, especially for developing new, sustainable energy sources and carriers.
Today many efforts are dedicated to make hydrogen H2 one of the most important sustainable energy carriers. It has to be generated from a hydrogenated source through a chemical process, and catalysis, especially metal-based heterogeneous catalysis, is greatly important, even central, to the process.
The present Special Issue is focused on the central role of metal-based heterogeneous catalysis and photocatalysis in the production/generation of H2 from a wide variety of sources. It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews... are welcomed.
Prof. Dr. Umit B. Demirci

Guest Editor

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Deadline for manuscript submissions

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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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