Special Issue

Novel Materials for Green Hydrogen Production, Energy Conversion, and Fuel Cell Applications

Message from the Guest Editors

Recent years have witnessed fascinating developments in various fields of catalysis and the step-by-step transformation of scientific progress into novel technologies, which as a rule, exhibit not only a substantially enhanced catalytic performance but are also friendly towards energy production and the environment. The field of heritage conservation, with all its traditionalism and multidisciplinarity, also profited from this development. However, the specific features of this field have led to a considerable scattering of the literary sources and a lack of mutual information between all the relevant subjects. This Special Issue should help to overcome these problems. It provides an opportunity to create a compendium of the novel methods, which will not only boost further scientific progress in the field of green hydrogen production and fuel cell applications but also provide researchers with a useful literary overview. It is focused on advanced solutions to fundamental problems in hydrogen production, the perceptions of which are often far ahead of their solutions. Dr. Tsang Chiwing

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Deadline for manuscript submissions

closed (10 December 2023)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/97185

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Message from the Editorial Board

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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