

Special Issue

Precious and Rare Metal Materials: Synthesis, Application and Characterization

Message from the Guest Editor

This Special Issue is designed to provide an in-depth examination of the synthesis, application, and characterization of precious and rare metal materials. The issue aims to offer a comprehensive understanding of their production methods, recycling techniques, and efficient utilization, while addressing the sustainability concerns and unique challenges associated with these materials. Furthermore, it seeks to elucidate the fundamental characteristics that render these metals indispensable and their pivotal role in shaping the modern technological landscape.

We invite scholarly contributions that not only explore the current trends in the synthesis and application of these metals but also critically assess their future prospects and potential advancements. This issue is intended to serve as a valuable resource for researchers and practitioners with a keen interest in precious and rare metal materials, providing insights that can inform the advancement of research and development in these fields.

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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