

Special Issue

Advanced Materials and Chromatographic Techniques for Analysis, Isolation, Valorization of Natural Products

Message from the Guest Editors

Natural products have long served as a rich source of bioactive compounds with significant potential for pharmaceutical, nutraceutical, and industrial applications. However, the efficient extraction, purification, and analysis of these compounds continue to pose challenges because of their complex matrices and low concentrations. This Special Issue aims to address these challenges by highlighting innovative materials and advanced chromatographic techniques that enhance the efficiency, selectivity, and accuracy of natural product research. We warmly invite researchers, scientists, and engineers from academia and industry to submit their original research articles, comprehensive reviews, and short communications focused on, but not limited to, the following topics:

- **Advanced Materials**
- **Chromatographic Techniques**
- **Sample Preparation Methods**
- **Isolation and Purification**
- **Valorization of Agricultural Waste**

We look forward to receiving your contributions and to making this Special Issue a significant milestone in advancing the integration of materials science and natural product research.

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About the Journal

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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