

Special Issue

Advanced Materials for Heritage and Archaeology (Third Edition)

Message from the Guest Editors

This Special Issue provides an international forum for archaeologists and scientists applying advanced materials and methods to heritage science. This interdisciplinary field combines arts, humanities, and sciences to enhance the understanding, preservation, and sustainable management of cultural heritage, with growing contributions from chemistry, physics, engineering, and computer science.

We welcome manuscripts on topics including, but not limited to:

- Raw materials and production methods of ceramics, plasters, etc.
- Characterization of surface finishing and patinas
- Residue analysis in archaeological remains
- Non-destructive characterization of mortars, ceramics, glasses, and wall paintings
- Material behavior in aging and decay processes
- Identification and performance of past conservation treatments
- Heritage protection against climate change and urban pollution
- Nanoscience and nanotechnology for new conservation products
- Innovative coating and restoration materials
- Structure–property–function relationships for improved conservation
- Monitoring of heritage buildings.

Guest Editors

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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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