Special Issue

Application of the Latest Progress in Materials Science and Nanotechnologies in the Conservation of Cultural Heritage Artefacts

Message from the Guest Editor

Dear colleagues, Recent years have witnessed fascinating developments in various fields of materials science and the step-by-step transformation of scientific progress into novel technologies, which as a rule exhibit not only a substantially enhanced performance but are also friendly towards human health 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 but also provide restorers and artists with a useful literary overview. It is focused on advanced solutions to fundamental conservation problems, the perceptions of which are often far ahead of their solutions. I cordially invite you to submit your contribution to this issue.

Guest Editor

Dr. Jiri Rathousky

J. Heyrovsky Institute of Physical Chemistry, Academy of Sciences of the Czech Republic, Doleskova 2155/3, 18223 Prague 8, Czech Republic

Deadline for manuscript submissions

closed (30 August 2020)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/30049

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

MDPI

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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)