

Special Issue

Frontiers in Smart Materials: Fundamental Studies and Applications

Message from the Guest Editor

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 not only exhibit a substantially enhanced performance but are also friendly toward human health and the environment. The field of heritage conservation, with all its traditionalism and multidisciplinary, has 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 will help to overcome these problems. It will provide an opportunity to create a compendium of 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, whose topics include with a research or review paper.

Guest Editor

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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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