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Advanced Functional Glass: Preparation, Properties, and Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Glass has played a pivotal role for humans for centuries, enriching the quality of life of millions. Indeed, as one of the most important, versatile, and transformative materials in history, glass is an important component in many areas, including in aerospace and the automotive sector, architecture, the arts, information and communications technology, energy, health care, laboratory work, optics, and packaging and storage.

To celebrate the International Year of Glass 2022, this Special Issue will compile recent developments in the field of advanced functional glass. The articles presented in this Special Issue will cover various topics, ranging from but not limited to display panels and ultra-thin sensor glass, optical fibers, luminescent glass, photovoltaic glass, medical glass, and infrared glass.

This Special Issue is open to submissions on glass science and technology for the development of applications. I invite you to contribute to this Special Issue by submitting papers on your research activities.



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Special Issue



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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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