# Special Issue

# Thermoluminescence Properties of Glass and Glass-Ceramics

### Message from the Guest Editor

Stimulated luminescence phenomena are considered as great research tools in basic research of materials today. As these phenomena are extremely sensitive to defects in solids, they can be used to study these defects. The most commonly used for this purpose is thermally stimulated luminescence (thermoluminescence, TSL), but the luminescence triggered by optical stimulation (optically stimulated luminescence, OSL) is becoming a more and more widely applied measurement technique. Among other methods, probably the most popular in materials research are photo-, radio-, and cathodoluminescence methods (PL, RL, and CL, respectively). This Special Issue of Materials will be focused on, but not limited to, the thermoluminescence properties of glass and glass–ceramics that are not crystalline in their nature (i.e., their structure does not exhibit a long-range ordering), in contrast to most commercially available TSL and OSL materials. Modified glass as a radiation-sensitive material is currently considered one of the most promising and attractive applications.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2021)

**Materials**

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**CiteScore 6.4**
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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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