Special Issue

Luminescent Properties of Materials and Their Applications

Message from the Guest Editor

In the last decade, there has been great progress in the new technologies of synthesis of pure and multiphase materials, doping methods, and structurization of metamaterials significantly extending the applications of luminescent materials. The luminescence of materials and structures can be successively used for development in the field of new photonic devices. Moreover, lanthanides are commonly used for optical fiber radiation sources and lasers. Lanthanide doped nanocrystals offer high efficiency and narrow emission bands due to their local environment effect. The availability of various methods for introducing dopants in the host materials offers significant progress in their applications. In this Special Issue, novel luminescent materials and their applications are highlighted and discussed. It is my pleasure to invite you to submit a manuscript for this Special Issue of *Materials* entitled "Luminescent Properties of Materials and Their Applications".

Guest Editor

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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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