Special Issue

Transparent (Semi)-Conductors and Optically Tuneable Nanocomposites

Message from the Guest Editors

This Special Issue aims at providing a holistic review of recent advances in the field of transparent and optically functional materials for which optical and electronic properties are tightly intricate, triggering fundamental research in new materials family or architecture. This would pave the way towards truly enabled transparent electronic devices and systems. Within the same field of transparent electronics, nanocomposites with controlled levels of scattered light or plasmonics have attracted a lot of interest in electronic, optical, and photocatalytic applications. Those perspectives are also reviewed in this Special Issue of *Materials*. Keywords

- semiconductors
- nanocomposites
- electronic devices
- transparent electronics
- optically functional materials
- sensors
- energy
- catalysis

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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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