



New Advances in Liquid-Crystal-Based Materials

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Message from the Guest Editors

Dear Colleagues,

Liquid crystal (LC) materials and their applications have been developing in academia and in different industries for several decades due to their valuable characteristics. In addition to display applications in people's daily life, the topics focusing on any novel LC-based functional materials, including derivatives, monomers, polymers, azobenzenes, micro-/nano-particles, porous materials, chiral dopants, gelators, rods, dyes, ionic materials, surfactants, metals, and others, as well as electro-optical applications, such as lasers, antennae, lenses, sensors, thermometers, optical diodes, phase retarders, shutters, waveguides, novel optical components or devices, etc., are covered by this Special Issue.

Keywords

- LCs
- LC displays
- LC devices
- phase modulation
- polarization
- polymers
- simulations
- alignments
- flexibility
- bistability





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Message from the Editor-in-Chief

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