

Special Issue

Dyes: Synthesis, Properties, and Applications

Message from the Guest Editor

This Special Issue has as its primary challenge the dissemination of information regarding the design and synthesis of new dyes which, regardless of their structure type, should be studied in relation to their photophysical, photochemical, and, when appropriate, photobiological properties in order to prove their relevance in some applications, such as solar organic cell sensitizers, photochromic materials, liquid crystal displays, organic light-emitting devices, organic semiconductors, dye-affinity chromatography for the proteins and enzymes purification, fluorescent sensors and photodynamic therapy photosensitizers. Review articles and communications addressing these topics are also welcome. Therefore, we kindly invite researchers to submit manuscripts focusing on the topics mentioned above. We would also like to acknowledge in advance all of our colleagues who wish to contribute to this Special Issue: thanks indeed.

Keywords

- Synthesis of new dyes
- Physical and chemical properties
- Photochemical, ecological, or biological studies
- Structure-activity relationships

Guest Editor

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Deadline for manuscript submissions

closed (15 December 2021)



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About the Journal

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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