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Recent Advances in Luminescent Materials

Guest Editor:

Dr. Fabio Rizzo

1. Institute of Chemical Science and Technologies (SCITEC), National Research Council (CNR), via G. Fantoli 16/15, 20138 Milano, Italy
2. Organic Chemistry Institute and Center for Soft Nanoscience (SoN), Westfälische Wilhelms-Universität Münster, Busso-Peus-Straße 10, 48149 Münster, Germany

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Message from the Guest Editor

Owing to their specific physico-chemical properties, luminescent materials are key elements for the development of technological and social features of our society. These materials play a pivotal role in various applications, such as optoelectronics, analytics, and medical and biological research. The enormous progress achieved in the field of light-emitting diodes (LEDs), organic photovoltaics, and fluorescent probes for diagnostics gives an idea of the impact and the multidisciplinary approach of the research area of luminescent materials. Besides accurate molecular design for single molecules and supramolecular systems, photophysical analysis is a fundamental tool for the investigation of emission properties, allowing for the progress of novel advanced emitting materials.

This Special Issue titled “Recent Advances in Luminescent Materials” aims to stimulate the publication of high-quality research articles, as well as focus reviews, that seek to address recent achievements in the preparation, characterization, and application of luminescent materials, and exciting new developments in related areas, including future prospects and technological challenges.

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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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