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Inorganic Luminescent Materials: From Fundamental to Applications

Guest Editors:

Prof. Dr. Lidia Armelao

1. Department of Chemical Sciences, University of Padova, via Marzolo 1, 35131 Padova, Italy 2. Institute of Condensed Matter Chemistry and Technologies for Energy, National Research Council, Corso Stati Uniti 4, 35127 Padova, Italy

Dr. Jorge H. Monteiro

Department of Chemistry, Humboldt State University, Arcata, CA, USA

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Message from the Guest Editors

Inorganic luminescent materials are substances which convert an incident energy input into the emission of electromagnetic waves in the ultraviolet (UV), visible or infrared regions of the spectrum. In the last decades, a large number of luminescent materials based on rare-earth ions or rare-earth based host lattices has been invented. They are applied widely. Major applications are in emissive displays, fluorescent lamps and LEDs and systems to detect X-rays or γ -rays, for example, used in medical imaging.

The aim of the special issue is to highlight some new advances in the field of inorganic luminescent materials, from fundamental aspects through to applications. Both comprehensive review or original papers on basic research or applied technology of promising luminescent materials are welcomed.













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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

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