## Special Issue

# Advanced Luminescent Materials: Synthesis, Properties and Applications

## Message from the Guest Editors

Dear Colleague, Recently, novel advanced luminescent materials, including triplet emitters (e.g., luminescent transition-metal complexes (LTMCs) and thermally activated delayed fluorescent (TADF) materials) and doublet emitters (e.g., organic radicals, rare-earth complexes), have played a crucial role in the development of advanced photofunctional materials. Owing to their diverse structural/molecular design, structural diversity, and rich photophysical properties. these luminescent materials have attracted extensive attention, and have been widely and wisely used in the fields of photocatalysis, electroluminescence, organic solar cells, biological sensing and imaging, photodynamic therapy, etc. Chemists can design and prepare a wide variety of photofunctional materials. Structural studies of these materials revealed the presence of novel photophysical phenomena, allowing a deeper understanding of the structure-property relationships and extending their potential applications. This Special Issue should become a timely status report summarizing and showcasing the fundamental progresses and practical advancements in recent years

## **Guest Editors**

Dr. Peng Tao

Department of Applied Biology and Chemical Technology, Hong Kong Polytechnic University, Hong Kong, China

Dr. Zejing Chen

Jiangxi Key Laboratory of Nanobiomaterials, East China Jiaotong University, Nanchang 330013, China

## Deadline for manuscript submissions

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/ materials





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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.

#### Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
 Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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