

Special Issue

Luminescent Materials: Synthesis, Characterization and Applications

Message from the Guest Editor

Luminescent materials have found their way into our daily lives and can be found in virtually all applications. Despite the significant progress achieved in recent decades, the ever-growing demand for advanced luminescent materials poses countless challenges. Luminescent materials encompass a fascinating topic, as attested by their increasing exploitation in fields such as water remediation, photocatalysis, disinfection, biosensing and so on. Advances in modern chemistry and material science have contributed immensely to the development of these materials, providing new ways of tailoring properties. Likewise, the interest in a better understanding of intriguing phenomena such as persistent luminescence or up-conversion processes has also motivated further research on these materials, making it a trending topic in the scientific community. This Special Issue welcomes original and review papers focused on the synthesis, characterization and applications of luminescent materials, aiming to contribute with a timely overview of the advances in their synthesis/preparation, the fundamental understanding of their properties, and the current and emerging areas.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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