

Special Issue

Advanced Luminescent Materials: Properties and Applications

Message from the Guest Editors

Luminescent materials, including organic/inorganic phosphors, nanocrystals, semiconductors, glass, and ceramics, have been widely investigated due to their special physicochemical properties and their potential applications in light-emitting diode (LED), laser (LD), catalysis, solar cells, photoelectric detector, bio-medicine, etc. The scope of this Special Issue is broad, aiming to promote design (e.g., machine learning and first-principles calculations), synthesis, properties of luminescent materials (e.g., phosphors, nanocrystals, glass, and ceramics), and their applications (such as LED, LD, photoelectric detector, catalysis, solar cells, living imaging, etc.). Papers reviewing the state-of-art and original papers on promising new developments of luminescent materials are welcome contributions for this Special Issue (Advanced Luminescent Materials: Properties and Applications) of *Coatings*.

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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