

## Special Issue

# Transparent Ceramics—a Theme Issue in Honor of Dr. Adrian Goldstein

### Message from the Guest Editor

This Special Issue is dedicated to the domain of transparent ceramics (TCs); passive or active ones (owing to controlled doping—able to induce designed spectral behavior). It intends to treat topics such as the optimization of all aspects of TC fabrication-related engineering and the introduction of new processing techniques. There is also interest in studies devoted to performance level enhancement of current products (commercial and in prototype stage), relevant characterization techniques (concerning fabrication or performance estimation), and new applications. In many cases, the usefulness of a TC is owed to an adequate design of the dopants package and/or a suitable matching of it with the transparent host. Therefore, works dealing with theoretical and/or applied transition metal cations (TMC), rare-earth (RE) spectroscopy, optical, EPR, Raman, etc., are welcome. The issue also intends to honor Dr. Adrian Goldstein (former head of the Israel Ceramics and Silicates Institute) for his significant contribution to the development of the TC domain.

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### Guest Editor

Prof. Dr. Yiquan Wu

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### Deadline for manuscript submissions

closed (31 December 2024)



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### Message from the Editor-in-Chief

*Ceramics* (ISSN 2571-6131), an international, open access journal, provides an advanced forum for ceramics science and engineering. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We are committed to drive *Ceramics* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts. Your contribution should lead to the development of technical ceramics with better performances and to improve our quality of life.

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### Editor-in-Chief

Prof. Dr. Gilbert Fantozzi  
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