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# Study on Rare Earth Doped Luminescent Materials and Transparent Ceramics

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# **Message from the Guest Editors**

Transparent ceramic materials have very similar physical and chemical properties to their single crystalline counterparts, are feasible for large-sized and profiled shape fabrication, and are cost effective. During the past several decades, the optical quality, fabrication cost, and application of transparent ceramic materials have all advanced greatly. The practical application of transparent ceramic materials is developing, with use in ceramic phosphor and scintillators, etc. To summarize the achievements to date and also promote future work in this community, Materials is organizing a Special Issue titled "Transparent Ceramic Materials for Various Optical Applications".

As the guest editor of this Special Issue, I am inviting you to contribute your work on transparent ceramic materials, which may include (but is not limited to) the following topics: fields of lasers, optical switches, scintillators, IR windows/domes, transparent armors, Faraday materials, and ceramic phosphor.

Your submission is highly appreciated and would be valuable to this Special Issue.









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# **Editor-in-Chief**

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## Message from the Editor-in-Chief

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