

## Special Issue

# Advances in Dielectric Ceramics

### Message from the Guest Editor

Advanced dielectric ceramics are known as high-performance ceramics, fine ceramics, high-tech ceramics, etc., through the use of high-purity, ultra-fine synthetic or selected inorganic compounds as raw materials. Advanced dielectric ceramics have excellent characteristics on mechanics, sound, light, heat, electricity and biology. Advanced ceramics are different from traditional ceramics in terms of raw materials and technology. Their specific fine structure enables them to have a series of advantages, such as high strength, high hardness, wear resistance, corrosion resistance, high temperature resistance, insulation, superconductivity, biocompatibility, etc.; as such, they are widely used in national defense, chemical industry, metallurgy, electronics, machinery, aviation, aerospace, biomedicine, etc. In the future, we expect the development of advanced ceramics to be promoted through the implementation of combined synthesis methods and new processing technologies. It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

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### Guest Editor

Prof. Dr. Ru-Yuan Yang

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### Deadline for manuscript submissions

closed (10 August 2023)



## Materials

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### Message from the Editorial Board

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