



Polymer-Based Dielectric Materials

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Message from the Guest Editors

In recent decades, the academic and industrial interest for polymer-based dielectric materials has been reflected in the development of new formulations with polymeric materials for a wide gamut of applications. As science and technology advance further, researchers are facing new challenges and they are pursuing lighter, more cost-effective and more efficient materials. Compared to conventional dielectrics, polymers-based dielectric materials show exciting features, such as easy processability in various required shapes, scalability, flexibility and stretchability, lightweight, controllable optical properties and high reliability.

The aim of this Special Issue is to bring together the latest studies on polymer-based dielectric materials designed for optoelectronics, transducers, capacitors, sensors, etc. Various types of dielectric polymers, such as free-standing polymer films or coated polymers, polymer blends or organic-inorganic materials-based hybrid nanocomposites are included.





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Message from the Editor-in-Chief

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