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Innovative Polymeric Systems for Advanced Energy Storage Devices

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Message from the Guest Editor

Polymers have become essential materials in our modern daily life. Their incredible diversity renders them versatile elements in fields such as mechanical engineering, tissue engineering, food industry, biotechnology, drug delivery systems, biosensor devices, or cosmetics, among others. Because of their properties, polymers have emerged as key components in energy storage devices, in that they can improve their performance (i.e., power density, cyclability, flexibility, security, or low weight) while increasing their sustainability if renewable materials are used.

The aim of this Special Issue "Innovative Polymeric Systems for Advanced Energy Storage Devices" is to highlight advanced studies where innovative polymeric systems are being applied in energy storage devices that display outstanding performance, from fundamental aspects through advanced functional applications. The scope may include but not exclusively be limited to polymer binders for electrodes, polymer electrolytes, or redox polymers. Following a renewable and green energy approach is also highly encouraged.













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Message from the Editor-in-Chief

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