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Functional Polymer Composites: Latest Advances and Prospects

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Message from the Guest Editors

Advances in functional polymer composites promote new solutions concerning materials related to energy and environmental policies. The mechanical performance of smart polymer composites could exhibit better performance in lightweight energy storage systems with the development of improved multifunctional and non-corrosive characteristics.

The Special Issue covers potential applications in various areas, including energy storage, energy harvesting, energy devices, electricity, shape memory materials, actuators, and sensor areas. Papers presenting advanced modelling, simulation, and experimental processes—covering the design, preparation, and prediction of the properties of proposed functional polymer composites—are warmly welcomed for submission to this Special Issue.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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