



materials



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Advanced Polymeric Materials and Nanocomposites for Green Plastics and Biodegradable Packaging

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Message from the Guest Editor

In recent years, there has been an increasing concern about the growing amount of plastic waste, coming from daily life. Different kinds of synthetic plastics are used for an extensive range of needs, but in order to reduce the impact of petroleum-based plastics and materials waste, considerable attention has been focused on green and biodegradable plastics. In this context, advanced polymeric materials and nanocomposites have recently gained much attention. Starting monomers and chemicals coming from natural resources and/or food processing wastes can also be considered as promising candidates for polymers and nanocomposites production. Their use in the packaging sector could be helpful to reduce the problems associated with waste management, avoiding ecological problems and environmental pollution and reducing, at the same time, the huge consumption of nonrenewable and nonbiodegradable materials. The aim of this Special Issue is to provide an overview of ongoing scientific and industrial research on this interesting topic.



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Special Issue



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Message from the Editor-in-Chief

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