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Sustainable Bioplastics

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Potential natural additives and agro-industrial by-products in biopolymer formulations for active food packaging

The addition to natural additives and/or agro-industrial by-products discarded from food processing operations is an innovative trend in polymer science with clear application in active food packaging. A variety of natural compounds have been proposed for incorporation to polymer matrices to improve the packaging's functionalities as well as food quality and safety. The demand for the use of natural additives in polymer formulations has produced in recent years a clear increase in the number of publications. The demand for the use of natural additives in polymer formulations has produced in recent years a clear increase in the number of publications.

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