Special Issue

Analytical Pyrolysis–Gas Chromatography–Mass Spectrometry of Synthetic Polymers and Biopolymers

Message from the Guest Editor

Analytical pyrolysis–gas chromatography–mass spectrometry (Py-GC-MS) is a laboratory procedure in which small amounts of high-molecular organic materials, such as synthetic polymers or biopolymers, undergo thermal treatment and separations. Analytical pyrolysis–gas chromatography–mass spectrometry allows the confirmation of a failed product's source, the identification of contaminants causing failure, competitive analysis, and allows us to overcome problems in product development or quality control. This technique is often used for wood studies due to its ability to provide details of the lignocellulose's molecular structure. We are pleased to invite you to contribute to this Special Issue of *Separations* on the analytical pyrolysis–gas chromatography–mass spectrometry of synthetic polymers/copolymers and biopolymers, which will be focused on the new developments and applications in this hyphenated technique. In this Special Issue, case reports, original research articles, and reviews are particularly welcome. I look forward to receiving your contributions.

Guest Editor

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Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

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