Special Issue

Degradation and Separation of Fibre-Based Materials

Message from the Guest Editors

With the current global focus on sustainability, there is significant interest surrounding raw material sources and their degradation behaviour in various climatic conditions. Furthermore, the separation of these materials in the form of micro- and nano-plastics has attracted a considerable interest among the scientific community due to its impact on the environment and food chain. This Special Issue on “Degradation and Separation of Fibre based Materials” seeks high-quality studies focusing on the latest developments in the degradation and separation of fibre-based materials used in multi-disciplinary applications. Topics include, but are not limited to, the following:

- The degradation of fibre-based composites, and the use of bio- and nano-composites in various environmental conditions and their degradation mechanisms;
- The release and separation of fibres, microfibers/microplastics, and nanofibers/nanoplastics during the washing process;
- The use of nanofibers for separation applications.

Guest Editors

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Deadline for manuscript submissions

closed (20 November 2024)

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Message from the Editor-in-Chief

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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