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Feature Paper Collection in Section 'Materials in Separation Science'

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Message from the Collection Editors

This Topical Collection aims to gather high-quality original research and critical review articles on new materials or novel uses of micro-/nanomaterials for separations for environmental applications. Such applications include, but are not limited to, water purification, soil/sediment remediation, wastewater treatment, recovery of precious metals and nanomaterials, removal of viruses/bacteria, sorption of toxic gases, oil removal, etc. The articles should demonstrate the practical utilization of the materials at least in proof-of-concept demonstrations or lab-scale investigations and ideally in pilot testing, case studies, or large-scale applications. Contributions related to highly selective sorbents, broad-spectrum sorbents with multifunctional sorption properties, nanosorbents supported onto bulk supports, stand-alone separation techniques, and sorbent-based techniques suitable for the uptake of nanoparticles and micro-/nanoplastics, are particularly encouraged.

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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.

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