Special Issue

Separation Technology in Chemical Engineering

Message from the Guest Editor

The production of high-COD (chemical oxygen demand) organic waste water and the associated negative impacts remain the main challenges faced by human beings. Although various environmental technologies have been explored, most are not suitable for high-COD organic waste water. The low concentration of the high-COD organic components within water makes the recovery of organic components and the following treatment process energy-intensive. Hence, developing and emloying energy-efficient unit operation systems within chemical engineering for the pretreatment of water is of critical significance. This Special Issue aims to publish works on energy-efficient organic waste water pre-treatment processes by using chemical engineering unit operations, especially distillation, absortion, adsortion and extraction units.

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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