Special Issue

Light-Based Reactions for Water and Wastewater Treatment

Message from the Guest Editor

We are particularly interested in papers that delve into the development and optimization of light-based processes for inactivating a wide range of pathogens and degrading various contaminants, such as pharmaceuticals, pesticides, and more. Topics of interest include, but are not limited to, the following:

- Synthesis and characterization of photocatalysts and photobiocatalysts for water and wastewater treatment.
- Analytical analysis of water and wastewater for control and decontamination.
- Development and applications of photoactive materials for water and wastewater treatment.
- Advanced oxidation processes.
- Green chemistry in the field of water and wastewater treatment.
- Environmental remediation for water and wastewater treatment.
- Purification techniques and technology.
- Chromatography and separation methods.
- Chemical separation and characterization.
- Flow chemistry.

We look forward to receiving your innovative and impactful contributions.

Guest Editor

Prof. Dr. Lucas D. Dias

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Deadline for manuscript submissions

closed (20 November 2024)

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About the Journal

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

Prof. Dr. Frank L. Dorman
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