Special Issue

Functional Materials for CO_2 and Hg^0 Removal

Message from the Guest Editor

This Special Issue on “Functional Materials for CO2 and Hg0 removal” mainly aims to stimulate the development of novel functional materials for the removal of gaseous pollutants and to address the following challenges. This Special Issue will include but not be limited to:

- The synthesis and application of carbon and noncarbon materials;
- Novel methods or techniques for synthesizing functional materials;
- Functional materials for the removal of CO2 and Hg0 from flue gas;
- Functional materials for the removal of VOCs, H2S, NO, SO2, As, Se, Pb, etc.;
- Adsorptive, thermocatalytic, photocatalytic, and electrochemical removal of gaseous pollutants.

Guest Editor

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Deadline for manuscript submissions

closed (10 April 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

Prof. Dr. Frank L. Dorman
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