Special Issue

Carbon-Based Materials as Effective Adsorbents

Message from the Guest Editor

Nanotechnology has been able to address majority of challenges the world is facing in regard to nanomedicine, electrochemistry, agriculture, waste water treatment, pollutant remediation, etc. Its association with chemistry, materials sciences, and engineering surprisingly helps in the expansion of a green technology. Carbon-based materials from natural polymeric materials have been used for the manufacturing of less expensive electro- or photo-catalyst materials. This Special Issue, which spreads into different branches of scientific areas as discussed above, is aimed toward the innovative applications beyond the state of the arts in several scientific areas, with particular interest in improving separation processes. Related application fields include analytical applications, isolation and purification of drug molecules/bio-active compounds, water purification, nanoparticles separations, separation of viruses/bacteria, etc. With original research articles or reviews based on self-by-design and eco-friendly approaches, we hope to identify and fill the gap of knowledge in this domain of research.

Guest Editor

Dr. Bijay P. Chhetri

Center for Integrative Nanotechnology Sciences (CINS), University of Arkansas at Little Rock (UALR), Little Rock, AR 72204, USA

Deadline for manuscript submissions

closed (10 July 2024)

Separations

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.5

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
Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

Author Benefits

High Visibility:
indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, and other databases.

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:
reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.