Special Issue

Supramolecular Synthesis in Chemical Engineering

Message from the Guest Editor

The exploitation of supramolecular bonding behind designing a series of supramolecular materials for a wide range of applications promotes the chemical society in developing some exciting fields of chemical technologies. The movement with the host-quest systems was initiated by Donald J. Cram, Jean-Marie Lehn and Charles J. Pedersen, recognized by the Noble prize in Chemistry 1987 "for their development and use of molecules with structure-specific interactions of high selectivity" and now materialized by different fields of scientists for the advancement of civilization. We aim to bring this special issue to developing the chemical engineering technologies by exploring supramolecular materials like MOF, supramolecular gels, pharmaceutical co-crystals, supramolecular containers. etc. Here we invite authors to submit review articles, novel and original works to this special issue which could increasingly spread and advance our scientific understanding. This issue will emphasize the following areas mentioned as keywords, but could even be diversified further.

Guest Editor

Dr. Pathik Sahoo

International Center for Materials Nanoarchitectonics (WPI-MANA), National Institute for Materials Science (NIMS), 1-1 Namiki Tsukuba, Ibaraki 305-0044, Japan

Deadline for manuscript submissions

closed (30 June 2024)



ChemEngineering

an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 4.9

mdpi.com/si/131097

ChemEngineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
chemengineering@mdpi.com

mdpi.com/journal/ ChemEngineering





ChemEngineeri

an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 4.9

mdpi.com/journal/ ChemEngineering

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Mario J. Muñoz Batista

Department of Chemical Engineering, Faculty of Sciences, University of Granada, Avda. Fuentenueva, s/n, 18071 Granada, Spain

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Chemical) / CiteScore - Q1 (General Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 29.6 days after submission; acceptance to publication is undertaken in 5.7 days (median values for papers published in this journal in the first half of 2025).

