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Membrane and Membrane Reactors Operations in Chemical Engineering

Guest Editor:

Dr. Adolfo Iulianelli

Institute on Membrane
Technology of the Italian
National Research Council (CNR-
ITM), University of Calabria, 87030
Rende, Italy

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submissions:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims at compiling relevant contributions showing the potentialities of membrane and membrane reactors operations in chemical engineering based on the application of the Process Intensification principles. Modeling and experimental manuscripts, as well as reviews dealing with the most significative processes in chemical engineering performed via membrane and membrane reactors operations, are particularly welcome.

Dr. Adolfo Iulianelli
Guest Editor

Keywords:

- membrane gas separation
- membrane reactors and bioreactors
- membrane crystallization
- membrane distillation and waste water treatment
- membrane emulsifier
- membrane operations in food applications



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Batista**

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

Message from the Editor-in-Chief

ChemEngineering is to consolidate its position as a high-quality, open access journal that not only disseminates excellent research but also sets the agenda for future directions in chemical engineering. We will continue to highlight core areas such as catalysis, process intensification, and the circular economy, while also opening the door to emerging topics such as multi-energy systems that integrate light, heat, and electricity, etc., as well as digital tools, modelling, and artificial intelligence applied to chemical engineering.

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ChemEngineering Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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