Special Issue

Electrochemical Membranes for Micropollutant Removal

Message from the Guest Editors

The development of electrochemical membranes (EMFs) has gained popularity over the last few decades with the aim of providing cost-effective water treatment technologies. The membrane filtration (MF) configuration reduces mass transport limitation, and the combined process offers the degradation efficiency advantages of advanced electrochemical oxidation processes (EAOPs) with better control of fouling problems. They also offer high performance for micropollutant removal and complex wastewater treatment in general, with high flux and mineralization current efficiencies.

In this Special Issue, authors are invited to submit original papers and reviews on the topic of electrochemical membranes for micropollutant removal. Contributions may concern (i) the development of new REM materials and their characterization, (ii) the optimization of REM performance via surface modifications and/or the study of electrochemical and/or filtration parameters, (iii) the assessment and control of fouling in REM processes, (iv) the use of REMs for the treatment of specific micropollutants in synthetic solutions (with environmental considerations) and/or complex real wastewaters, etc.

Guest Editors

Dr. Clémence Coetsier

Laboratoire de Génie Chimique, Université de Toulouse, CNRS, INPT, UPS, 31062 Toulouse, France

Dr. Clement Trellu

Laboratoire Géomatériaux et Environnement EA 4508, Université Gustave Eiffel, CEDEX 2, 77454 Marne-la-Vallée, France

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

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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open accessjournal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
School of Chemistry, The University of Melbourne, Melbourne, VIC 3010, Australia

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