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DESCRIPTION

The Journal of Membrane Science provides a focal point for academic and industrial chemists, chemical engineers, materials scientists, and membranologists working on **membrane systems**.

The journal publishes original research and reviews on membrane transport, membrane formation / structure, fouling, module / process design, and processes / applications.

Primary emphasis is on **structure, function, and performance** of **non-biological membranes**; papers bridging the gap with biological membranes are also appropriate.

The Journal of Membrane Science publishes Full Text Papers, State-of-the-Art Reviews, Letters to the Editor, and Perspectives.

Reviews: should not only summarize the key research contributions in a field, they should also provide critical evaluation of the scientific literature. Review papers are intended to provide archival guidance and direction for the broad membrane community and are thus held to the highest standard for publication.

Perspective articles: should provide a focused discussion of an important area of membrane science and technology, emphasizing recent developments, future challenges, and/or new opportunities. Perspective articles will be by invitation only, and they will be reviewed by at least one Editor of the Journal and one member of our Advisory or [Editorial Board](#).

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Endorsed by the Aseanian, European and North American Membrane Societies.

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INTRODUCTION

The Journal of Membrane Science provides a focal point for membranologists and a vehicle for publication of significant contributions that advance the science and technology of membrane processes and phenomena. The primary emphasis is on the structure, function and performance of non-biological membranes, but papers bridging the gap between non-biological and biological membranes are also sought. A broad spectrum of papers is encouraged:

- theoretical analyses of membrane transport phenomena
- experimental results on membrane permeation and selectivity
- membrane formation and structure and their relation to transport properties
- membrane fouling and its effect on membrane performance
- membrane modules and their impact on device performance
- membrane processes/applications with a focus on the role of the membrane

Areas of interest include polymeric, inorganic, mixed-matrix, and supported-liquid membranes; liquid, gas and vapor separations; membrane reactors and bioreactors; barrier membranes; and drug delivery systems. The journal aims to be the premier venue for publication of new developments in the membrane field. *Types of Papers:*

The Journal of Membrane Science publishes Full length article, Review article, and Discussion. Review article should not only summarize the key research contributions in a field, they should also provide critical evaluation of the scientific literature. Review articles are intended to provide archival guidance and direction for the broad membrane community and are thus held to the highest standard for publication. More detailed guidelines for submitting a Review are provided [here](#).

Discussion article type should provide a focused discussion of an important area of membrane science and technology, emphasizing recent developments, future challenges, and/or new opportunities. Discussion article type will be by invitation only, and they will be reviewed by at least one Editor of the Journal and one member of our Advisory or Editorial Board.

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[2] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, 2018. The art of writing a scientific article. *Heliyon.* 19, e00205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.

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Reference to a website:

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