

Special Issue

Molecular Design, Synthesis, and Application of Conjugated Materials

Message from the Guest Editor

Conjugated materials have broad applications in many fields due to their special properties. The electrical and optical properties of these materials can be finely tuned by manipulating their chemical structures, which dictate aspects such as absorption, emission, aggregation, and electrical properties. Understanding the structure-related properties of conjugated materials at the molecular level is essential for grasping the underlying mechanisms. Thus, this Special Issue encompasses molecular design strategies intended to improve the performance of these materials for promising applications, including traditional research domains. Moreover, for this issue, we invite innovative synthetic methodologies for the fabrication of conjugated materials. Given the active exploration of conjugated materials by numerous research groups, we expect this Special Issue to captivate colleagues and a broader audience interested in conjugated materials, providing valuable insights into design strategies for their development.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2025)



International Journal of Molecular Sciences

an Open Access Journal
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Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/200640

*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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