

Special Issue

Advanced Functional Materials: Challenges and Opportunities

Message from the Guest Editor

Advanced functional materials are a class of materials with magnetic, optical and electrical properties, including fluorescent materials, photoelectric functional materials, functional nanomaterials and so on. In recent years, advanced functional materials have played an important role in medical materials, energy conversion, environmental protection, and green chemistry. This special issue includes but is not limited to the latest advances in the synthesis and characterization of advanced functional materials, as well as innovations and developments in their designs and applications. We also welcome research and discussion on other chemical aspects of the topic. We are pleased to invite you to contribute to the Special Issue “Advanced Functional Materials: Challenges and Opportunities”. The following type of manuscripts will be considered for publication: full research articles, short communications and reviews.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2025)



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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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