



Current Advances in Hybrid Functional Materials

Guest Editor:

Prof. Dr. Lorenzo Malavasi

Department of Chemistry and
INSTM, University of Pavia, 27100
Pavia, Italy

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Message from the Guest Editor

Hybrid functional materials, made of both inorganic and organic components, represent potential and attractive platforms for applications in many different fields such as nanoelectronics, hybrid perovskite photovoltaics, drug delivery, bioimaging and so on. The material properties of hybrid materials can be tuned by modification of the composition on the molecular scale to produce smart materials with an emphasis on the development of advanced synthetic routes and integration strategies. The significant chemical tunability of hybrid materials allows us to enhance chemical, electrochemical, magnetic or electronic characteristics as well as to design completely new materials. In this respect, hybrid functional materials are a key topic in the current materials chemistry field and new trends, applications and perspectives will be covered by a dedicated Special Issue of *Molecules*.





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Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
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University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

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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Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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