

Special Issue

Bioinspired and Biobased Materials

Message from the Guest Editor

Nature is a huge source of inspiration for material design, providing engineering solutions that are effective, adaptable to varying conditions, environmentally friendly and proven over long time spans. Classical examples include honeycomb-like structures, nacre-inspired tough ceramics or crustacean-inspired composites resistant to fracture. On the other hand, natural components such as biooils can be also efficiently incorporated into engineering materials, toward a more sustainable design, utilization of waste and lower environmental impact. This Special Issue is open for all contributions linked to the field of bioinspired and biobased materials, including their design, optimization of formulation, synthesis and characterization of properties, focusing on molecular-level investigations. New concepts in these fields and dedicated review papers will also be welcome.

Guest Editor

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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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