

Special Issue

Protein-Based Composite Materials

Message from the Guest Editor

A protein composite is a material system with two or more macro/micro/nano constituents of different shapes, properties or chemical compositions, at least one of which is a protein. Typical protein polymers include animal proteins (e.g., silk, keratin, collagen, elastin, resilin, reflectin), plant proteins (e.g., corn zein, soy, wheat gluten), as well as their related protein peptides derived from recombinant biotechnology. The aim of this Special Issue is to discuss their design, synthesis, characterization, manufacturing or modeling, as well as their various physical and chemical applications in the biomedical and green industry fields. We cordially invite you to contribute to the themed issue. Both original research and review articles are welcome.

Guest Editor

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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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