



Biomimetic Organic–Inorganic Composites

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Message from the Guest Editor

In the world of increasing demand for novel, advanced materials, biomimetic organic–inorganic composites are emerging as promising materials for an increasing number of applications in biomedicine, pharmacy, photonics, catalysis, and environmental protection. Combining inspiration by natural materials, both in design and synthetic routes, with the newest developments not only in materials science, but also biology and nanotechnology, has opened a wide range of possibilities for tailoring materials properties while keeping them environmentally friendly and sustainable. The large variety of inorganic and organic materials that can be used in developing biomimetic organic–inorganic composites additionally contributes to their importance.

This Special Issue is dedicated to the recent developments in the field of biomimetic organic–inorganic composites, from fundamental understanding of functioning of natural materials and mechanisms of organic-inorganic interactions in complex systems, to advances in processing routes and development of multifunctional materials.





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Message from the Editor-in-Chief

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