



Multifunctional Composites, Volume III

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Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editor

With the progress of the nanotechnology and production methods, composite materials are becoming lighter, cheaper, more durable, and more versatile. At present, great progress has been made in design, preparation, and characterization of composite materials, making them smarter and versatile. By creating new properties using suitable fillers and matrix, the functional composites can meet the most difficult standards of users, especially in high-tech industries.

This Special Issue aims to collect articles reporting on recent developments dealing with preparative methods, design, properties, structure, characterization methods, as well as promising applications of multifunctional composites. It covers potential applications in various areas, such as anticorrosion, photocatalyst, absorbers, superhydrophobic, self-cleaning, antifouling/antibacterial, renewable energy, energy storage systems, construction, and electronics. Modeling and simulating processes involving the design and preparation of functional and multifunctional composites as well as those performing experimental studies involving these composites are welcomed to submit papers.

