Journal of
Composites Science

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Manufacturing of Fibrous Composites for Engineering Applications, Volume II

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Deadline for manuscript submissions:
31 December 2024

Message from the Guest Editor

Fibrous composites are one type of high-performance composite material featuring the presence of fiber-like reinforcement impregnated with different matrix bases, which have taken a prominent position in diverse engineering applications because of their unique mechanical/physical properties and outstanding structural functions. Manufacturing is a critical procedure to ensure the target dimensions and desired quality of fibrous composites. This involves technical issues frequently encountered in the fabrication, processing, and machining of these composite materials. To date, great endeavors have been made in the past few decades to address manufacturing issues associated with the engineering applications of fibrous composites. Precision manufacturing of these advanced composites has thus become a hot research topic in both academia and industry.

This Special Issue seeks to report the latest research findings achieved by worldwide scholars focusing on the manufacturing science of fibrous composites for engineering applications. Well-organized papers covering both experimental and numerical studies of fabricating, processing, and machining fibrous composites are all welcome.