



Electromagnetic Interference (EMI) Shielding Composites

Guest Editor:

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Message from the Guest Editor

Electromagnetic pollution, known as electromagnetic interference (EMI), has increased and will continue to do so, reaching higher levels because of the wide proliferation of electrical/electronic products and battery-based electric vehicles. The most common use of EMI shielding is for the reflection of metal-based materials; however, it has inherent disadvantages such as its heavy weight, high corrosion, and high cost. The development of light-weight and cost-effective EMI shielding materials is a priority that must be solved for the development of electric vehicles and micro-electronic devices.

The main aim of this Special Issue is to collect various studies about investigations into the development of EMI shielding composites. The submitted studies can deal with EMI shielding fillers, polymer matrix, structure and fabrication processes of the composites, etc. Research on radar absorbing structure (RAS) using destructive interference or multi-layer structures for multiple reflections is also welcome.

