

Special Issue

Novel Electromagnetic and Acoustic Devices

Message from the Guest Editors

Electromagnetic and acoustic devices with higher-order flexibility are continually promising and urgently required for energy transmission manipulation. With the rapid development of material innovations and performance advancements, more sophisticated electromagnetic and acoustic devices with novel characteristics have attracted broad research attention due to their profound applications in radar communications, broadcasting, and telecommunications. Great efforts have been made in electromagnetic wave transmission, reflection, absorption, shielding, and invisible cloaking for electromagnetic devices. Multiple scenes with severe circumstances have encouraged the promotion of acoustic devices with outstanding tunable functions. Based on physical field theory, various synthesis mechanism have led to the multifunctional field effects of novel electromagnetic and acoustic devices. This Special Issue aims to give an outlook on what the future might hold for novel electromagnetic and acoustic devices.

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