

Special Issue

Advanced in Low Dimensional Carbon: Processing and Applications

Message from the Guest Editor

Low-dimensional carbon refers to a broad category of carbon materials including carbon black, carbon nanotubes, graphene, oxidized graphene, buckyball carbon, carbon fibers, glassy carbon, carbon papers, and diamond particles. They are extensively used in our daily life as absorbents, catalysts, energy storage components, and flexible devices. This Special Issue welcomes papers dealing with the following topics: Carbon particles; Nanofibers; Carbon nanotubes; Carbon buckyballs; Carbon papers; Diamond particles; Graphite flakes; Carbon-containing textiles; Flexible sensors; Wearable devices; Low-dimensional carbon for battery electrodes; Catalyst supports from low-dimensional carbon; Porous carbon; Glassy carbon; Graphene in solar cells; Implants from low-dimensional carbon materials; Biomedical applications of low-dimensional carbon materials; Carbon nanotube for high mechanical performance applications; Graphene as transparent materials; Low-dimensional carbon as additive in composites; Low-dimensional carbon and/or diamond particles as lubricants and abrasives; High-performance carbon absorbents.

Guest Editor

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Deadline for manuscript submissions

closed (25 August 2023)



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Editor-in-Chief

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