

## Special Issue

# Porous Carbon Fiber

### Message from the Guest Editor

Porous carbon fiber holds great promise in the development of advanced applications in energy and environmental areas due to its outstanding properties. This Special Issue aims to present recent advances in porous carbon fiber, focusing on the emerging trends, both in structure–property characteristics and in the mechanisms of boosting the performance of porous structures. Original papers may address the following themes, without being limited to: porous structure design, novel precursor development, processing strategies of porous carbon fiber, advanced characterisation techniques, surface modification and guest material loading approaches, defect engineering, physicochemical property improvement, mechanism analysis and innovative applications of porous carbon fibers. Comparative studies regarding the merits and demerits of porous carbon fiber in various fields are also welcome. I kindly invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

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### Guest Editor

Dr. Quanxiang Li

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### Deadline for manuscript submissions

closed (10 July 2023)



## Materials

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### Message from the Editorial Board

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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