

Special Issue

Carbon-Based Sensors

Message from the Guest Editor

Sensors will play an even more significant impact in future years and demand for highly responsive, selective, and cost effective sensors requires research on new sensing materials and technologies. Novel nanoscale carbon materials may provide new opportunities towards the development of highly miniaturized and integrated sensors and bring new challenges in their synthesis, assembly and fabrication. Functional carbon materials include graphene, carbon nanotubes and their assemblies, such as fibers, fabrics or mats, porous carbon, and polymeric-based carbon fibers. These materials have superb mechanical, thermal and electrical properties and could be tapped to develop the next generation of sensors.

Guest Editor

Prof. Dr. Jandro L. Abot

Department of Mechanical Engineering, The Catholic University of America, Washington, DC 20064, USA

Deadline for manuscript submissions

closed (30 September 2017)



C

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 1.6



mdpi.com/si/6798

C
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
c@mdpi.com

[mdpi.com/journal/
carbon](https://mdpi.com/journal/carbon)





C

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 1.6



[mdpi.com/journal/
carbon](https://mdpi.com/journal/carbon)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Craig E. Banks
Faculty of Science and Engineering, Manchester Metropolitan
University, Chester Street, Manchester M1 5GD, UK

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, CAPlus /
SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Materials Science, Multidisciplinary)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 23.7 days after
submission; acceptance to publication is undertaken in 2.8
days (median values for papers published in this journal in
the second half of 2024).