

# Special Issue

## Carbon Hybrid Materials

### Message from the Guest Editor

Due to their specific properties, i.e., high surface area, good electronic and thermal conductivity, mechanical and chemical stability, carbon materials emerged as essential materials used as supports or additives to design multifunctional carbon hybrid materials, Particularly, metal-based particles such as noble and transition metals, metal oxides, metal nitrides or metal hydrides supported on carbon have attracted tremendous interest in various fields of applications. Such composites are fascinating as they exhibit synergistic effects compared to their single counterparts. The aim of this issue is to present the development strategies to design carbon-based nanocomposites along with their performances in energy storage and environmental applications. Nanocomposites based of different forms of carbon (micro/mesoporous carbon, graphite, graphene, CNTs, carbon black...) and metal, metal oxides, metal nitrates, polymers or other carbon matrices can be discussed.

---

### Guest Editor

Dr. Camélia Matei Ghimbeu

Institut de Science des Matériaux de Mulhouse (IS2M), CNRS UMR 7361 UHA, 15 Rue Jean Starcky, 68057 Mulhouse, France

---

### Deadline for manuscript submissions

closed (31 December 2017)



C

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.9  
CiteScore 1.6



[mdpi.com/si/10012](http://mdpi.com/si/10012)

C

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

[mdpi.com/journal/  
carbon](http://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 19.8 days after  
submission; acceptance to publication is undertaken in 3.6  
days (median values for papers published in this journal in  
the first half of 2024).