Special Issue

Graphene Oxide Composites

Message from the Guest Editor

Graphene shows great promise for applications in many fields. Graphene and its derivatives, graphene oxide (GO) and reduced graphene oxide (rGO), have been used as components for composite materials. GO, an important derivative of graphene, is amphiphile with hydrophilic edges and a hydrophobic basal plane. Oxygen-containing functional groups not only improve the dispersion of GO in aqueous solution but also serve as the bonding sites for heterogeneous materials. Therefore, GO is considered a promising component for composite materials. GO composites synthesized by various methods can be used for solar cells, supercapacitors, sensors, fuel cells, batteries, etc. The versatile applications and synthesis methods of GO composites have opened up a whole new direction for research and development. In this Special Issue, papers related to composites made with GO, graphene, and rGO are all invited.

Guest Editor

Prof. Dr. Jian-Zhang Chen
Graduate Institute of Applied Mechanics, National Taiwan University, Taipei 10617, Taiwan

Deadline for manuscript submissions

closed (31 July 2021)

Journal of Composites Science

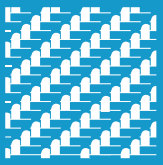
an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 5.8

mdpi.com/si/47448

Journal of Composites Science
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcs@mdpi.com

mdpi.com/journal/jcs



Journal of Composites Science

an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 5.8

mdpi.com/journal/jcs

MDPI

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Dr. Francesco Tornabene
Department of Innovation Engineering, University of Salento, 73100 Lecce, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

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

Journal Rank:

JCR - Q2 (Materials Science, Composites) / CiteScore - Q1 (Engineering (miscellaneous))