

Special Issue

Nanomaterials with Functional Polymer Elements

Message from the Guest Editors

The application of advanced polymer synthesis techniques have enabled the preparation of a wide array of functional nanomaterials. These techniques have yielded a broad suite of polymeric nanomaterials that have found applications in a variety of industries and research fields. In addition, the combination of functional polymers (e.g., stimuli-responsive, anti-fouling, biocompatible, antimicrobial, etc.) with nanostructured materials (e.g., iron oxide nanoparticles, graphene, carbon nanotubes, etc.) leads to novel hybrid nanomaterials with desirable physicochemical properties. In this Special Issue of *Nanomaterials*, we will highlight cutting-edge research on the topic of "Nanomaterials with Functional Polymer Elements". In particular, this Special Issue will feature new developments in the synthesis, characterization and application of all polymeric nanomaterials and polymer-functionalized nanoparticles provided functional polymers are the key elements. We look forward to receiving your contribution to this exciting Special Issue of *Nanomaterials*.

Guest Editors

Dr. Nghia P. Truong

Dr. Mikey Whittaker

Dr. John Quinn

Deadline for manuscript submissions

closed (31 May 2018)



Nanomaterials

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/9850

Nanomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nanomaterials@mdpi.com

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





Nanomaterials

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano–alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q1 (General Chemical Engineering)