



Nanoparticles on Supramolecular Sensing

Guest Editor:

Dr. Roberta Pinalli

Department of Chemistry, Life Sciences and Environmental Sustainability, University of Parma, Italy

roberta.pinalli@unipr.it

Deadline for manuscript submissions:

25 November 2020

Message from the Guest Editor

Nanoparticles functionalized with supramolecular host-guest systems are considered one of the most promising tools for the detection of a large number of analytes. Nanoparticle-synthetic receptor-based sensors have multiple advantages, including simple sample preparation, low cost, and high sensitivity. This Special Issue of *Nanomaterials* (Current Impact Factor: 4.034, Cite Score, Scopus data 2018, 4.21, which equals rank 66/439 (Q1) in 'General Materials Science' and rank 29/272 (Q1) in 'General Chemical Engineering'), "Nanoparticles in Supramolecular Sensing", aims at collecting articles or minireviews that highlight the last results and continuous efforts in developing new functionalized nanoparticles to be used as high-fidelity sensors.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Shirley Chiang

Department of Physics, University of California Davis, One Shields Avenue, Davis, CA 95616-5270, USA

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed by the [Science Citation Index Expanded](#) (Web of Science), Scopus, Chemical Abstracts, Inspec and Polymer Library. Citations available in [PubMed](#), full-text archived in [PubMed Central](#).

CiteScore (2019 Scopus data): **4.1**, which equals rank 147/460 (Q1) in 'General Materials Science' and rank 73/281 (Q1) in 'General Chemical Engineering'.

Contact Us

Nanomaterials
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

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