

Tentative Outline

Special Thematic Issue for the journal Mini-Reviews in Organic Chemistry

Title of the Thematic Issue: Preparation Methods, Properties and Application of Nano-Structured Conductive Polymers

Guest Editor: Yanmin Wang

- **Scope of the Thematic Issue:**

Various preparation methods, properties and application of the conductive polymers including polyaniline, polypyrrole, polythiophene and their derivatives, etc. with the nanosized structures such as nanofibers, nanotubes, nanobelts, nanorods, nanowires and so on.

Keywords: Preparation methods, nanosized structure, conductive polymers, polyaniline, polypyrrole, polythiophene, nanofibers, nanotubes

Sub-topics:

The sub-topics to be covered within the issue should be provided:

- Nano-structured conductive polymers
- Conductive polymers nanotubes
- Conductive polymers nanowires
- Polypyrrole nanoparticles
- Poly(3,4-ethylenedioxythiophene) nanostructure and nanocomposites

Tentative titles of the articles and list of contributors:

- Preparation Methods of Nano-Structured Conductive Polymers
- Fabrication, Properties and Application of Polyaniline Nanotubes
- Research Progress on Polypyrrole Nanotubes
- Polyaniline Nanowires: From Preparation and Application
- An Overreview About the Research on Polypyrrole Nanowires
- A Review Based on the Polypyrrole Nanoparticles
- Polythiophene with Various Nanosized Structures
- Poly(3,4-Ethylenedioxythiophene) Nanostructure and Nanocomposites
-

Schedule:

- ✧ Thematic issue submission deadline: June 30th, 2020

Contacts:

Guest Editor Name: Yanmin Wang

Affiliation: Shandong University of Science and Technology

Email: yanmin_w@163.com