

Sensors and Materials

Special Issue on Carbon Material-based Chemical and Biochemical Sensors

Call for Papers

Carbon is a widely-used and well-known material and has been conventionally employed for electrochemical devices including batteries, fuel cells, and biosensors. Recently, new carbon materials, including carbon nanotubes, graphene, and diamond, have been reported and various applications for electrochemical, optical, and electrical sensors have been reported since nanotubes and diamond have unique optical and electrical properties. More practically, printing technology using newly developed carbon inks have been developed for wearable and disposable sensing devices and are considered to be applied to IoT sensors. This special issue will focus on traditional and novel carbon materials for biosensors, environmental sensors, electrochemical and optical sensors, and microfluidic devices.

Scope:

- Electrochemical sensing devices
- Novel carbon materials for sensors
- Printable and wearable sensors
- Optical sensing devices
- Microfluidic devices with carbon materials
- Biosensors

Submission due date: October 31, 2018

Publication date (planned): First half of 2019

Journal website: <http://myukk.org/>

Guest editors: Dr. Yuko Ueno (NTT Basic Research Laboratories) and Professor Osamu Niwa (Saitama Institute of Technology)

Submit to: 1. Online Manuscript Submission System (<https://myukk-org.ssl-xserver.jp/form/>) or
2. Email to MYU K.K. (myukk@myu-inc.jp)

(Attention)

As stated in Instructions to Authors in the Guidelines, the author(s) will be obliged to pay the publication fee upon acceptance of the manuscript for publication (JPY 95040 for 10 pages in *Sensors and Materials* format). If the quality of the English of your manuscript does not satisfy the journal standards, the authors should bear the proofreading fee (JPY 10000 or equivalent in USD), which will be charged with the publication fee. We appreciate your understanding on this matter.

If you have any questions, please feel free to contact the editorial staff at the address below.

Editorial Department of *Sensors and Materials*

MYU K.K.

1-23-3-303 Sendagi, Bunkyo-ku, Tokyo 113-0022, Japan

Tel: +81-3-3821-2930, Fax: +81-3-3827-8547

E-mail: myukk@myu-inc.jp

