

Special Issue

Application of Smart Fluorescent Proteins for Biosensing

Message from the Guest Editors

This Special Issue encourages authors to submit cutting edge applications of such recent “smart fluorescent proteins”. Applications away from conventional sensing and imaging such as optogenetic tools or memory devices are also welcome. Improvement of analytical methods related to smart fluorescent proteins will also be included. Original manuscripts as well as reviews of the current state of the art are welcome for submission. Topics to be considered:

- fluorescent protein
- fluorescent probe
- fluorescent sensor
- fluorescent indicator
- diagnostic sensor
- environmental sensor
- two-photon excitation microscopy
- total internal reflection microscopy
- super-resolution microscopy
- fluorescence lifetime imaging microscopy
- photoacoustic imaging
- correlative light and electron microscopy
- photoactuator
- photomanipulator
- photosensitizer
- memory device

Guest Editors

Prof. Tomoki Matsuda

Department of Biomolecular Science and Engineering, The Institute of Scientific and Industrial Research, Osaka University, Osaka, Japan

Prof. Hiromi Imamura

Graduate School of Biostudies; Kyoto University

Deadline for manuscript submissions

closed (25 December 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/57937

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

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





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)