

Special Issue

Biosensors Based on Electrochemical and Electrogenerated Chemiluminescence (ECL) Detection

Message from the Guest Editor

Over the last several decades, electrochemical biosensors have been widely used in a variety of fields of biochemical analysis, clinical diagnostics, and environmental analysis because of their quick response time, simplicity, cost-effectiveness, sensitivity, and possibility for on-site field analysis. In addition, electrogenerated chemiluminescence (ECL), the light emission generated from luminophores via electron transfer processes, has become an attractive transduction platform that has received growing interest for biosensors because of its excellent sensitivity. We welcome submissions that are related to electrochemical and ECL biosensors, for example, the development of highly sensitive electrochemical and ECL detection methods, new methods for immobilization of biological recognition elements onto electrode surfaces, and the wide range of new applications of electrochemical and ECL-based biosensors. For more information, please click: mdpi.com/si/53108.

Guest Editor

Prof. Dr. Wonyong Lee
Department of Chemistry, Yonsei University, Seoul 03722, Korea

Deadline for manuscript submissions

closed (28 February 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/53108

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 9.4
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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)