

## Special Issue

# Biosensors Based on Electrical Resistance Measurements

### Message from the Guest Editor

This Special Issue solicits both review and original research articles related to employing electrical resistance measurement techniques and concepts that realize a wide range of sensing applications. Original papers that put forward novel fabrication technologies, sensing platforms, biological interfacing strategies, microfluidic approaches, cell-based sensing, detection, and quantification of chemicals that pose both physiological and pathological effects, etc., are especially welcome. Keywords

- electrical resistance measurements
- microphysiological systems
- TEER
- biosensors
- drug-induced toxicity

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### Guest Editor

Dr. Ramin Banan Sadeghian  
Department of Micro Engineering, Kyoto University, Kyoto, Japan

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### Deadline for manuscript submissions

closed (15 December 2024)



## Sensors

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Impact Factor 3.5  
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## 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.

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### Editor-in-Chief

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