

Special Issue

COVID-19 Biosensing Technologies

Message from the Guest Editor

COVID-19 has become a worldwide pandemic, challenging the public health systems around the world since December 2019. The rapid and accurate diagnosis of coronavirus infection plays a pivotal role in the prevention and treatment of COVID-19. The requisites of COVID-19 diagnostic devices are established by the World Health Organization as ASSURED: affordable, sensitive, specific, user-friendly, rapid and robust, equipment free, and deliverable to end-users. Biosensors are ideal candidates to meet these requirements. On account of the strong demand for rapid COVID-19 testing, scientists and engineers are working hard to develop novel sensors to identify COVID-19-related biomarkers in clinical and/or environmental samples. This Special Issue is addressed to all types of biosensors designed to be suitable for not only for rapid coronavirus infection diagnosis in humans but also as a global screening tool for surveillance, prevention, and preparedness in the event of future outbreaks.

Guest Editor

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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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