

Special Issue

Development of Electrochemical Sensors Based on Naturally Occuring Compounds

Message from the Guest Editor

With the renaissance of electrochemical methods and electrochemical (bio)sensors, more and more of them are being developed for medical applications, smart textiles, and the food industry. For such applications, the safe use of biosensors is very important. Therefore, naturally occurring compounds are very important since they typically have the lowest toxicity when used in vitro or in vivo.

Other naturally occurring compounds are usually used in the of electrochemical biosensors, increasing the electroactive area and the electron transfer. The investigation and application of naturally existing compounds, including enzymes, antibodies and other biological molecules, can be also used to prepare whole electrochemical biosensors. The investigation and characterization of such kinds of compounds in biosensing is important for applications in vitro and in vivo.

For more information, please click: mdpi.com/si/27279

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2020)



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/27279

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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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