

sensors



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Electrochemical Sensors for Detection and Analysis

Guest Editors:

Dr. Vasko Jovanovski

Laboratory for Electrocatalysis,
Analytical Chemistry Laboratory,
National Institute of Chemistry,
Hajdrihova 19, 1000 Ljubljana,
Slovenia

Dr. Matjaž Finšgar

Faculty of Chemistry and
Chemical Engineering, University
of Maribor, Smetanova ulica 17,
2000 Maribor, Slovenia

Prof. Dr. Valentin Mirčeski

Institute of Chemistry, Faculty of
Natural Sciences and
Mathematics, “Ss Cyril and
Methodius” University, Skopje,
Arhimedova 5, PO Box 162, North
Macedonia

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Message from the Guest Editors

Dear Colleagues,

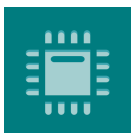
Current investigations on sensing materials have increased rapidly due to their ever-improving electrochemical properties, which together with advances in electrochemical methods and sensor electronics make them extremely useful in on-site and on-demand electrochemical detection and analysis. The chemical composition of nanostructured materials and composites contribute to superior sensitivity and selectivity of sensors. Emerging nanomaterials can have a significant effect on electrochemical properties and together with various voltammetric and amperometric methods offer novel opportunities for fast and reliable on-site analysis.

This Special Issue aims to focus on the most recent strategies and developments in the field. Papers should address the preparation and use of state-of-the-art nanomaterials and/or the study and application of their electrochemical properties and/or improved sensitivity/selectivity of such materials as well as novel electrochemical methods in the development of sensors. Metal nanoparticles or alloys, conductive nanoporous platforms and 2D materials are among the innovative nanomaterials expected to be brought forward in this Special Issue.



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Special Issue



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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

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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