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Biography

Johan Bobacka, D.Sc. (Tech.), is Professor of Analytical Chemistry at the Laboratory of Molecular Science and Engineering, Åbo Akademi University. His main research activities are in the area of electroanalytical chemistry and electrochemical sensors with special emphasis on the development of solid-contact ion-selective electrodes, solid-state reference electrodes and novel transduction principles for ion sensors. Research activities are also directed towards sodium-ion batteries and wearable chemical sensors. He is a co-founder and senior scientific advisor of the company *GlucModicum Oy* developing a platform for non-invasive glucose monitoring. He is an editor of *Sensors & Actuators: B. Chemical (Elsevier)* and a member of the editorial advisory board of *Electrochimica Acta (Elsevier)*. He is also a member of the editorial boards of the *Journal of Solid State Electrochemistry (Springer)*, *Chemosensors (MDPI)* and *Current topics in electrochemistry (Research Trends)*. He is a member of the board of the profiling area *Technologies for a sustainable future* and chairman of the board of the *Johan Gadolin Process Chemistry Centre (PCC)* at Åbo Akademi University. He has co-supervised 15 doctoral theses and 52 MSc theses. His publications include 185 peer-reviewed articles with an H-index of 46 (Web of Science).

Publications

Graphene and graphene–cellulose nanocrystal composite films for sustainable anodes in biophotovoltaic devices

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