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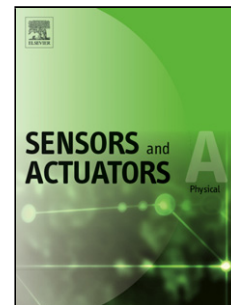
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Authors: Volkan Turgul, Izzet Kale

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Permittivity Extraction of Glucose Solutions Through Artificial Neural Networks and Non-invasive Microwave Glucose Sensing

Volkan Turgul* and Izzet Kale

Department of Engineering, Applied DSP and VLSI Research Group, Faculty of Science and Technology, University of Westminster, 115 New Cavendish Street, London, W1W 6UW, England, UK

* Corresponding author.

E-mail addresses: volkan.turgul@my.westminster.ac.uk (V. Turgul),
kalei@westminster.ac.uk (I. Kale).

Highlights

- Accurate permittivity model for glucose/water solutions is vital for sensor simulations
- Appropriate RF sensor design is needed for achieving high sensitivity
- The small change in blood glucose levels is challenging to measure
- Challenges and sources of problems in glucose concentration measurement

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