

### **Binary RuO<sub>2</sub>-CuO electrodes outperform RuO<sub>2</sub> electrodes in measuring the pH in food samples**

**Lazouskaya, Maryna; Vetik, Iuliia;** Tamm, Martti; Uppuluri, Kiranmai; **Scheler, Ott** ACS omega 2023 / p. 13275-13284

<https://doi.org/10.1021/acsomega.3c00538> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fabrication, potentiometric characterization, and application of screen-printed RuO<sub>2</sub> pH electrodes for water quality testing**

Uppuluri, Kiranmai; **Lazouskaya, Maryna;** Szwagierczak, Dorota; Zaraska, Krzysztof; Tamm, Martti Sensors 2021 / art. 5399, 15 p. :

ill <https://doi.org/10.3390/s21165399> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fat prediction in minced meat with low-cost BIA spectrometer**

**Objartel, Mart; Tamm, Martti; Kraft, Kadri; Annus, Paul; Land, Raul** Book of abstracts : 16th International Conference on Electrical Bio-Impedance : 17th Conference on Electrical Impedance Tomography : ICEBI and EIT Stockholm, 19-23 June 2016 2016 / p. 38

### **Front-face fluorimeter for the determination of cutting time of cheese curd**

**Lazouskaya, Maryna;** Stulova, Irina; Sõrmus, Aavo; **Scheler, Ott;** Tiisma, Kalle; Vinter, Toomas; Loov, Roman; Tamm, Martti Foods 2021 / art. 576, 13 p <https://doi.org/10.3390/foods10030576> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Nafion as a protective membrane for screen-printed pH-sensitive ruthenium oxide electrodes**

**Lazouskaya, Maryna; Tamm, Martti; Scheler, Ott;** Uppuluri, Kiranmai; Zaraska, Krzysztof 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2020 / 4 p. : ill <https://doi.org/10.1109/BEC49624.2020.9276822>

### **Nafion protective membrane enables using ruthenium oxide electrodes for pH measurement in milk**

**Lazouskaya, Maryna; Scheler, Ott; Mikli, Valdek;** Uppuluri, Kiranmai; Zaraska, Krzysztof; Tamm, Martti Journal of The

Electrochemical Society 2021 / art. 107511, 12 p. : ill <https://doi.org/10.1149/1945-7111/ac2d3c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Physicochemical and sensorial evaluation of meat analogues produced from dry-fractionated pea and oat proteins**

De Angelis, Davide; Kaleda, Aleksei; **Vaikma, Helen;** Tamm, Martti; **Tammik, Mari-Liis;** Squeo, Giacomo; Summo, Carmine Foods 2020 / art. 1754, 15 p <https://doi.org/10.3390/foods9121754> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Reusability of RuO<sub>2</sub>-Nafion electrodes, suitable for potentiometric pH measurement**

**Lazouskaya, Maryna; Scheler, Ott;** Uppuluri, Kiranmai; Zaraska, Krzysztof; Tamm, Martti 2022 IEEE International Conference on Flexible and Printable Sensors and Systems (FLEPS), Vienna, Austria, 2022 2022 / p. 1-4

<https://doi.org/10.1109/FLEPS53764.2022.9781521>

### **RUO<sub>2</sub>-Nafion electrodes for pH measurement in milk**

**Lazouskaya, Maryna; Scheler, Ott;** Uppuluri, Kiranmai; Zaraska, Krzysztof; Tamm, Martti 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 131