

**Online urea concentration estimation from spent dialysate using optical sensor**

**Pilt, Kristjan; Arund, Jürgen; Adoberg, Annika; Leis, Liisi; Luman, Merike; Fridolin, Ivo** XV Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 2019 : proceedings of MEDICON 2019, September 26–28, 2019, Coimbra, Portugal 2020 / p. 1459-1464 [https://doi.org/10.1007/978-3-030-31635-8\\_180](https://doi.org/10.1007/978-3-030-31635-8_180) Conference proceedings at Scopus Article at Scopus Article at WOS

**Online uric acid concentration estimation in blood from spent dialysate measurements using an optical sensor**

**Paats, Joosep; Arund, Jürgen; Pilt, Kristjan; Adoberg, Annika; Leis, Liisi; Luman, Merike; Holmar, Jana; Tanner, Risto; Fridolin, Ivo** 9th European Medical and Biological Engineering Conference : Proceedings of EMBEC 2024 ; Volume 2 2024 / p. 178 - 187 [https://doi.org/10.1007/978-3-031-61628-0\\_20](https://doi.org/10.1007/978-3-031-61628-0_20) Conference Proceedings at Scopus Article at Scopus Article at WOS

**Optical Estimation of Beta 2 Microglobulin during Hemodiafiltration - Does It Work?**

**Uhlen, Nils Fredrik Arne; Holmar, Jana; Yngman-Uhlen, Pia; Fernström, Anders; Fridolin, Ivo** Blood Purification 2015 / p. 113-119 <https://doi.org/10.1159/000381797> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Optical online monitoring of uremic toxins beyond urea**

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**Simulation and analysis of transformer winding inter-disk and inter-turn faults for online diagnosis**

Nurmanova, Venera; **Ahmadihangar, Roya; Aliakhmet, Kamilla; Naderi, Mohammad Salay** 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe) 2019 / 5 p. : ill <https://doi.org/10.1109/EEEIC.2019.8783743>