

Biosensing technologies for the detection of pathogens : a prospective way for rapid analysis

2018 <https://doi.org/10.5772/intechopen.69579>

Biosensors for environmental monitoring

2019 <https://doi.org/10.5772/intechopen.73763>

Challenges and Applications of Impedance-Based Biosensors in Water Analysis

Kivirand, Kairi; Min, Mart; Rinken, Toonika Biosensors for environmental monitoring 2019 <https://doi.org/10.5772/intechopen.89334>

Characterizing the biofunctionalization of gold surface with total internal reflection fluorescence (TIRF) microscopy

Ehrminger, Robin Benjamin; Kopantšuk, Sergei; **Kivirand, Kairi; Min, Mart** Proceedings of the Estonian Academy of Sciences 2020 / p. 27-34 : ill <https://doi.org/10.3176/proc.2020.1.02> http://www.kirj.ee/33001/?tpl=1061&c_tpl=1064 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of penicillins in milk by a dual-optrode biosensor

Kagan, Margarita; Printsman, Gunnar; **Kivirand, Kairi;** Rinken, Toonika Analytical letters 2017 / p. 819-828 : ill <https://doi.org/10.1080/00032719.2016.1202957>

Immunodetection of Streptococcus uberis pathogen in raw milk

Mihklepp, Kaisa; **Kivirand, Kairi;** Juronen, Delia; **Lõokene, Aivar;** Rinken, Toonika Enzyme and microbial technology 2019 / art. 109360, 6 p. : ill <https://doi.org/10.1016/j.enzmictec.2019.109360> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Introductory chapter : why do we need rapid detection of pathogens?

Kivirand, Kairi; Rinken, Toonika Biosensing technologies for the detection of pathogens - a prospective way for rapid analysis 2018 / 4 p <https://doi.org/10.5772/intechopen.74670>

Introductory chapter: The prospective of biosensing in environmental monitoring

Kivirand, Kairi; Rinken, Toonika Biosensors for environmental monitoring 2019 <https://doi.org/10.5772/intechopen.85981>