

**Advanced sensing materials based on molecularly imprinted polymers towards developing point-of-care diagnostics devices**

**Kidakova, Anna; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Sõritski, Vitali** Proceedings of the Estonian Academy of Sciences 2019 / p. 158–167 : ill <https://doi.org/10.3176/proc.2019.2.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Advances in detection of antibiotic pollutants in aqueous media using molecular imprinting technique - a review**

**Ayankojo, Akinrinade George; Reut, Jekaterina; Nguyen, Vu Bao Chau; Boroznjak, Roman; Sõritski, Vitali** Biosensors 2022 / art. 441 <https://doi.org/10.3390/bios12070441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A computational approach for rational monomer selection in molecularly imprinted polymer synthesis = Monomeeride valiku protsessi modelleerimine optimaalse monomeeri leidmiseks molekulaarselt jäljendatud polümeeride sünteesil**

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**The computational approach for rational monomer selection in molecularly imprinted polymer synthesis [Online resource]**

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**A computational approach to study functional monomer|protein molecular interactions to optimize protein molecular imprinting**

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**Development of a portable MIP-based electrochemical sensor for detection of SARS-CoV-2 antigen**

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**Development of a surface imprinting strategy based on a covalently immobilized protein**

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**The development of surface imprinted thin films for immunoglobulin G molecular recognition**

**Boroznjak, Roman; Tretjakov, Aleksei; Reut, Jekaterina; Sõritski, Vitali; Öpik, Andres** MIP 2012 : 7th International Conference on Molecularly Imprinted Polymers Science and Technology : book of abstracts 2012 / p. 205

**Development of synthetic receptor-based sensors for detection of neurotrophic factor proteins**

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**Electrochemical detection of brain-derived neurotrophic factor by molecularly-imprinted polymer on screen-printed electrode**

**Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali** The 10th International Conference on Molecular Imprinting, Jerusalem, Israel, June 24-28, 2018 : [abstracts] 2018 / 1 p. : ill <https://events.eventact.com/programview2/Agenda/Lecture/175959?code=3635110>

**Electrochemical sensor based on molecularly imprinted polymer for rapid quantitative detection of brain-derived neurotrophic factor**

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**Molecularly imprinted polymer film interfaced with Surface Acoustic Wave technology as a sensing platform for label-free protein detection**

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**Molecularly imprinted polymer-based SAW sensor for label-free detection of cerebral dopamine neurotrophic factor protein**

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