

Current state of the art of analyte scope in urine metabolome analysis by non-hydrogenative PHIP

Reimets, Nele; Ausmees, Kerti; Reile, Indrek *Journal of Magnetic Resonance Open* 2024 / art. 100171, 5 p. : ill
<https://doi.org/10.1016/j.jmro.2024.100171>

Developing Analytical Applications for Parahydrogen Hyperpolarization : Urinary Elimination Pharmacokinetics of Nicotine

Reimets, Nele; Ausmees, Kerti; Vija, Sirje; Reile, Indrek *Analytical chemistry* 2021 / p. 9480-9485 : ill
<https://doi.org/10.1021/acs.analchem.1c01281>

Development of applications for high-field non-hydrogenative parahydrogen induced hyperpolarization for the analysis of biological fluids with nuclear magnetic resonance spectroscopy = Paravesinikul põhineva mittehüdrogeeniva hüperpolarisatsiooni-meetodi rakenduste arendamine bioloogiliste vedelike analüüsiks kõrges magnetväljas

Reimets, Nele 2024 https://www.ester.ee/record=b5711180*est <https://digikogu.taltech.ee/et/Item/87c91b10-55d7-4eb9-80d3-07e3c91774d8>
<https://doi.org/10.23658/taltech.64/2024>

Parahydrogen hyperpolarization of minimally altered urine samples for sensitivity enhanced NMR metabolomics

Ausmees, Kerti; **Reimets, Nele;** Reile, Indrek *Chemical communications* 2022 / p. 463-466 <https://doi.org/10.1039/d1cc05665d>

Parahydrogen hyperpolarized NMR detection of underivatized short oligopeptides

Reimets, Nele; Ausmees, Kerti; Vija, Sirje; Trummal, Aleksander; Uudsemaa, Merle; Reile, Indrek *Analyst* 2023 / p. 5407-5415 : ill
<https://doi.org/10.1039/d3an01345f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Understanding Parahydrogen Hyperpolarized Urine Spectra : The Case of Adenosine Derivatives

Ausmees, Kerti; **Reimets, Nele;** Reile, Indrek *Molecules* 2022 / art. 802, 9 p. : ill <https://doi.org/10.3390/molecules27030802>