

Ago Samoson: Eesti elekter ei ole Euroopa elekter [Võrguväljaanne]

Samoson, Ago err.ee 2021 ["Ago Samoson: Eesti elekter ei ole Euroopa elekter "](#)

Ago Samoson: Eesti teadus surmahirmus [Võrguväljaanne]

Samoson, Ago err.ee 2020 / fot [Ago Samoson: Eesti teadus surmahirmus](#) Vaata ka: Renno Veinthal: tehnikaülikooli teadustöö viljakus on suurenenud (err.ee 02.05.2020)

Ago Samoson: omadele kõik, teistele (vaenukõne) seadus [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 ["Ago Samoson: omadele kõik, teistele \(vaenukõne\) seadus"](#)

Ago Samoson: president kui ülikooli rektor [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 ["Ago Samoson: president kui ülikooli rektor "](#)

Ago Samoson: riiki peaks pidevalt kraadima [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 ["Ago Samoson: riiki peaks pidevalt kraadima"](#)

Ago Samoson: roosa kass püüab hiiri [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 <https://leht.postimees.ee/7178079/ago-samoson-roosa-kass-puuab-hiiri>

Akadeemiline vaba(n)dus

Samoson, Ago Sirp 2019 / lk. 37 https://www.ester.ee/record=b1072938*est <https://www.sirp.ee/s1-artiklid/c21-teadus/akadeemiline-vabandus/>

Akadeemiline vara on parem kui fosforiit

Samoson, Ago postimees.ee 2024 / lk. 14 [Akadeemiline vara on parem kui fosforiit https://dea.digar.ee/article/postimees/2024/10/08/12.9](https://dea.digar.ee/article/postimees/2024/10/08/12.9)

Amplitude-modulated low-power decoupling sequences for fast magic-angle spinning NMR

Agarwal, Vipin; **Tuherm, Tiit; Reinhold, Andres; Past, Jaan; Samoson, Ago**; Ernst, Matthias; Meier, Beat H. Chemical Physics Letters 2013 / p. 1-7 <https://doi.org/10.1016/j.cplett.2013.07.073> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterising local environments in high energy density Li-ion battery cathodes: A combined NMR and first principles study of LiFe_{0.9}Co_{0.1}xPO₄

Strobridge, Fiona C.; Middlemiss, Derek S.; Pell, Andrew J.; Leskes, Michal; Clément, Raphaële J.; Pourpoint, Frédérique; Lu, Zhonguang; Hanna, John V.; Pintacuda, Guido; **Samoson, Ago** Journal of materials chemistry A 2014 / p. 11948-11957 : ill <https://doi.org/10.1039/c4ta00934g> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of protein-protein interfaces in large complexes by solid-state NMR solvent paramagnetic relaxation enhancements

Öster, Carl; Kosol, Simone; Hartlmüller, Christoph; Lamley, Jonathan M.; Iuga, Dinu; **Oss, Andres; Org, Mai-Liis; Vanatalu, Kalju; Samoson, Ago**; Madl, Tobias; Lewandowski, Jozef R. Journal of the American Chemical Society 2017 / p. 12165-12174 : ill <https://doi.org/10.1021/jacs.7b03875> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Compound's pre-screening of withania somnifera, Baccopa monnieri and centella asiatica extracts

Witter, Steffi; Arju, Georg; Junusova, Marina; **Kuhtinskaja, Maria; Samoson, Ago**; Witter, Raiker; **Vilu, Raivo** Journal of biosciences and medicines 2020 / p. 80-98 <https://doi.org/10.4236/jbm.2020.89007>

Correlations between lithium local structure and electrochemistry of layered LiCo_{1-2x}Ni_xMn_xO₂ oxides: 7Li MAS NMR and EPR studies

Stoyanova, Radostina; Ivanova, Svetlana; Zhecheva, Ekaterina; **Samoson, Ago**; Simova, Svetlana; Tzvetkova, Pavleta; Barra, Anne-Laure Physical chemistry chemical physics 2014 / p. 2499-2507 : ill <https://doi.org/10.1039/c3cp54438a> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

De novo 3D structure determination from sub-milligram protein samples by solid-state 100 kHz MAS NMR spectroscopy

Agarwal, Vipin; Penzel, Susanne; Szekely, Kathrin; Cadalbert, Riccardo; Testori, Emilie; **Oss, Andres; Past, Jaan; Samoson, Ago**; Ernst, Matthias; Böckmann, Anja; Meier, Beat H. Angewandte Chemie international edition 2014 / p. 12253-12256 : ill <https://doi.org/10.1002/anie.201405730> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dehydration of AlPO₄-34 studied by variable-temperature NMR, XRD and first-principles calculations

Varlec, Jure; Krajnc, Andraž; **Vanatalu, Kalju; Oss, Andres; Samoson, Ago** New journal of chemistry 2016 / p. 4178-4186 : ill <https://doi.org/10.1039/c5nj02838h> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of a signal processing algorithm for automatic identification of the cardiac events in the seismocardiogram

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Mohammad, Irshad; Cambaz, Musa Ali; **Samoson, Ago;** Fichtner, Maximilian; Witter, Raiker Solid state nuclear magnetic resonance 2024 / art. 101914 <https://doi.org/10.1016/j.ssnmr.2023.101914> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mohammad, Irshad 2019 <https://digi.lib.ttu.edu/i/?12305> https://www.ester.ee/record=b5227792*est Tehnikaülikooli doktorant ehitas uudse energiasalvesti

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Samoson. Ago postimees.ee 2024 Kavalam on koqu elektriijaamale rattad alla panna

Kemeny-Snell distance in nuclear magnetic resonance metabolomics

Shin, Min-Ji; Veskioja, Tarmo; Titma, Tiina; Samoson, Ago Applied magnetic resonance 2020 / p. 1637–1645

<https://doi.org/10.1007/s00723-020-01282-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kuidas võib nimetada valimisi ühetaolisteks, kui e-häält saab muuta, paberil antud häält aga mitte?

Leetna, Henn pealinn.ee 2023 [Kuidas võib nimetada valimisi ühetaolisteks, kui e-häält saab muuta, paberil antud häält aga mitte?](#)

Kuluhüvitis on kommunismi kool

Samoson, Ago Postimees 2023

Lootusteadlase pilguga vajab Eesti võimalikult laia koalitsiooni

Samoson, Ago postimees.ee 2023 [Lootusteadlase pilguga vajab Eesti võimalikult laia koalitsiooni](#)

Mida arvab uus president Rail Balticust?

Samoson, Ago Postimees 2021 / Lk. 11 <https://dea.digar.ee/article/postimees/2021/08/06/12.7>

Multiscale investigation of sodium-ion battery anodes: analytical techniques and applications

Schäfer, David; Hankins, Kie; Allion, Michelle; Krewer, Ulrike; Karcher, Franziska; Derr, Laurin; Schuster, Rolf; Maibach, Julia; Mück, Stefan; Kramer, Dominik; **Samoson, Ago; Witter, Raiker** Advanced energy materials 2024 / art. 2302830, 37 p

<https://doi.org/10.1002/aenm.202302830> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

NMR assignment of methyl groups in immobilized proteins using multiple-bond ¹³C homonuclear transfers, proton detection, and very fast MAS

Paluch, Piotr; Augustyniak, Rafal; **Org, Mai-Liis; Vanatalu, Kalju; Kaldma, Ats; Samoson, Ago;** Stanek, Jan Frontiers in Molecular Biosciences 2022 / Art. 828785 <https://doi.org/10.3389/fmolb.2022.828785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phase transformations in porous materials studied by in situ solid-state NMR spectroscopy and in situ X-ray diffraction

Paula, Carolin; Wisser, Dorothea; Rangus, Mojca; **Vanatalu, Kalju; Oss, Andres; Org, Mai-Liis; Samoson, Ago;** Hartmann, M. The journal of physical chemistry C 2020 / p. 19136–19145 : ill <https://doi.org/10.1021/acs.jpcc.0c05921> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Samoson, Ago Postimees 2021 / Lk. 16 <https://dea.digar.ee/article/postimees/2021/04/28/14.9>

Point defects interaction with extended defects and impurities and its influence on the Si-SiO₂ system properties

Kropman, Daniel; Arbu, Uno; Kärner, T.; Ugaste, Ülo; **Mellikov, Enn; Kauk, Marit;** Heinmaa, I.; **Samoson, Ago;** Medvid, A.

Gettering and defect engineering in semiconductor technology. XI 2005 / p. 333-338 : ill

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Preparation of fibril nuclei of beta-amyloid peptides in reverse micelles

Lin, Yen-Ling; Cheng, Yu-Sheng; **Org, Mai-Liis; Oss, Andres; Samoson, Ago** Chemical communications 2018 / p. 10459–10462 :

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President kui ülikooli rektor

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Protein NMR spectroscopy at 150 kHz magic-angle spinning continues to improve resolution and mass sensitivity

Schledorn, Maarten; Malär, Alexander A.; Torosyan, Anahit; **Oss, Andres; Org, Mai-Liis; Samoson, Ago** Chembiochem : a

European journal of chemical biology 2020 / p. 2540-2548 <https://doi.org/10.1002/cbic.202000341> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Protein resonance assignment at MAS frequencies approaching 100 kHz : a quantitative comparison of J-coupling and dipolar-coupling-based transfer methods

Penzel, Susanne; Smith, Albert A.; Agarwal, Vipin; Hunkeler, Andreas; **Org, Mai-Liis; Samoson, Ago;** Böckmann, Anja; Ernst,

Matthias; Meier, Beat H. Journal of Biomolecular NMR 2015 / p. 165 - 186 <https://doi.org/10.1007/s10858-015-9975-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantifying proton NMR coherent linewidth in proteins under fast MAS conditions : a second moment approach

Malär, Alexander A.; Smith-Penzel, Susanne; Camenisch, Gian-Marco; Wiegand, Thomas; **Samoson, Ago** Physical chemistry

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Rail Baltic - ölekõrs teadusele

Samoson, Ago Sirp 2014 / lk. 40 <https://sirp.ee/s1-artiklid/c21-teadus/2014-04-30-17-04-10-2/>

Roosa kass püüab hiiri

Samoson, Ago Postimees 2021 / Lk. 16 <https://dea.digar.ee/article/postimees/2021/02/12/14.10>

160 sõna ja teadus (-põhine jätkusuutlikkus) tehtud!?

Samoson, Ago Postimees 2011 / AK=Arvamuskultuur, lk. 6-7

Screening of Nutraceuticals and Plant Extracts for Inhibition of Amyloid- β Fibrillation

Witter, Steffi; Samoson, Ago; Vilu, Raivo; Witter, Raiker Journal of Alzheimer's disease 2020 / p. 1003-1012 : ill

<https://doi.org/10.3233/JAD-190758> [https://www.etis.ee/File/DownloadPublic/bf09dd82-f7d2-45eb-8e71-aac7816291c9?](https://www.etis.ee/File/DownloadPublic/bf09dd82-f7d2-45eb-8e71-aac7816291c9?name=JAD_73_2020_1003.pdf&type=application%2Fpdf)

[name=JAD_73_2020_1003.pdf&type=application%2Fpdf](https://www.etis.ee/File/DownloadPublic/bf09dd82-f7d2-45eb-8e71-aac7816291c9?name=JAD_73_2020_1003.pdf&type=application%2Fpdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selectively enhanced 1H-1H correlations in proton-detected solid-state NMR under ultrafast MAS conditions

Zhang, Zhengfeng; **Oss, Andres; Org, Mai-Liis; Samoson, Ago;** Li, Mingyue; Tan, Huan; Su, Yongchao; Yang, Jun The journal of physical chemistry letters 2020 / p. 8077-8083 : ill <https://doi.org/10.1021/acs.jpclett.0c02412> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Solid-state heteronuclear multiple-quantum spectroscopy under a magic-angle spinning frequency of 150 kHz

Yuan, Eric Chung-Yueh; Chen, Po-Wen; Huang, Shing-Jong; **Org, Mai-Liis; Samoson, Ago;** Chan, Jerry Chun Chung Journal of the Chinese Chemical Society 2022 / p. 1449-1461 <https://doi.org/10.1002/jccs.202200063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solid-state NMR backbone chemical shift assignments of α -synuclein amyloid fibrils at fast MAS regime

Toleikis, Zigmantas; Paluch, Piotr; Kuc, Ewelina; Petkus, Jana; Sulskis, Darius; **Org-Tago, Mai-Liis; Samoson, Ago;** Smirnovas, Vytautas; Stanek, Jan; Lends, Alons Biomolecular NMR assignments 2024 / p. 181-186 <https://doi.org/10.1007/s12104-024-10186-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solid-state NMR of a protein in a precipitated complex with a full-length antibody

Lamley, Jonathan M.; Iuga, Dinu; Öster, Carl; Sass, Hans-Juergen; Rogowski, Marco; **Oss, Andres; Past, Jaan; Reinhold, Andres;** Grzesiek, Stephan; **Samoson, Ago;** Lewandowski, Jozef R. Journal of the American Chemical Society 2014 / p. 16800-16806 : ill

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Spinning faster: protein NMR at MAS frequencies up to 126kHz

Penzel, Susanne; **Oss, Andres; Org, Mai-Liis; Samoson, Ago;** Böckmann, Anja; Ernst, Matthias; Meier, Beat H. Journal of biomolecular NMR 2019 / p. 19-29 <https://doi.org/10.1007/s10858-018-0219-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tallinna tehnikaülikooli (tee)kaart

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Teadus teeb Nokiat : [uuest loodavast valitsuskoalitsioonist ja teadusest]

Samoson, Ago Õpetajate Leht 2015 / lk. 10 <https://opleht.ee/2015/03/teadus-teeb-nokiat/>

Teeme pabervalimised ühetaolisteks e-valimistega

Samoson, Ago Postimees 2023 <https://dea.digar.ee/article/postimees/2023/10/25/11.10>

Teeme ära : mõõgad atradeks!

Samoson, Ago Sirp 2019 / lk. 33-34 : fot https://www.ester.ee/record=b1072938*est <https://www.sirp.ee/s1-artiklid/c21-teadus/teeme-ara-moogad-atradeks/>

The metabolic pattern could be used for early detection of stable ischemic heart disease and hypertensive heart disease

Titma, Tiina; Günther, Ulrich L.; Ludwig, Christian; **Pikta, Marika; Zemtsovskaja, Galina; Viigimaa, Margus; Samoson, Ago**

Revue d'epidemiologie et de sante publique 2018 / p. S328 <https://doi.org/10.1016/j.respe.2018.05.243>

The metabolic profile of ischemic heart disease patients with or without previous MI by serum 1H NMR is similar

Titma, Tiina; Günther, Ulrich L.; Ludwig, Christian; **Pikta, Marika; Zemtsovskaja, Galina; Shin, Min-Ji; Viigimaa, Margus; Tanner, Risto; Samoson, Ago** 7th Baltic Atherosclerosis Society Congress : [abstracts] 2018 / p. 47-48

http://www.ester.ee/record=b4819912*est

The metabolic profile of ischemic heart disease by serum 1H NMR

Shin, Min-Ji; Titma, Tiina; Ludwig, Christian; Günther, Ulrich L.; **Pikta, Marika; Zemtsovskaja, Galina; Viigimaa, Margus; Tanner, Risto; Samoson, Ago** 2017 Annual Meeting : abstract supplement : late-breaking abstract submissions : 2017, Baltimore 2017 / p.

The metabolic profile of stable ischemic heart disease by serum ¹H NMR

Titma, Tiina; Shin, Min-Ji; Ludwig, Christian; Günther, Ulrich L.; **Pikta, Marika**; **Zemtsovskaja, Galina**; **Viigimaa, Margus**; **Tanner, Risto**; **Samoson, Ago** Applied magnetic resonance 2019 / p. 527–539 : ill <https://doi.org/10.1007/s00723-018-1084-0> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Theoretical description of RESPIRATION-CP

Nielsen, Anders Bodholt; Tan, Kong Ooi; Shankar, Ravi; Penzel, Susanne; Cadalbert, Riccardo; **Samoson, Ago**; Meier, Beat H.; Ernst, Matthias Chemical Physics Letters 2016 / p. 150 - 156 <https://doi.org/10.1016/j.cplett.2015.12.043> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

THz gyrotron and BWO designed for operation in DNP-NMR spectrometer magnet

Bratman, V. L.; Fedotov, A. E.; Kalyonov, Yu K.; Makhlov, Petr B.; **Samoson, Ago** Journal of Infrared, Millimeter, and Terahertz Waves 2013 / p. 837 - 846 <https://doi.org/10.1007/s10762-013-0024-1> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TTÜ rektori 170 miljoni euro vastutus

Samoson, Ago postimees.ee 2025 / lk. 13 <https://arvamus.postimees.ee/8242863/ago-samoson-ttu-rektori-170-miljoni-euro-vastutus>

TTÜ teadur Ago Samoson: E-hääletus on seniajani seisnud vaid valijate usaldusel Inimestel peab olema ülevaade oma hääle saatusest!

Samoson, Ago Pealinn 2023 / lk. 12-13 : fot

Tuulikud, tuhnurid ja radarid

Samoson, Ago Sirp 2019 / lk. 34 : fot https://www.ester.ee/record=b1072938*est <https://www.sirp.ee/s1-artiklid/c21-teadus/tuulikud-tuhnurid-ja-radarid/>

Usaldus e-valimised

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Valimised ehk e-mäng koduväljakul

Samoson, Ago postimees.ee 2025 <https://arvamus.postimees.ee/8211830/ago-samoson-valimised-ehk-e-mang-koduväljakul>

Valimishävingut tuleb ennetada

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Несменяемость Каи Каллас представляет угрозу безопасности

Samoson, Ago rus.postimees.ee 2023 [Несменяемость Каи Каллас представляет угрозу безопасности](#)