

### **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.ester.ee/record=b1072938*est) <https://www.sirp.ee/s1-artiklid/c21-teadus/akadeemiline-vabandus/>

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

Öster, Carl; Kosol, Simone; Hartmüller, 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 <http://dx.doi.org/10.1021/jacs.7b03875>

### **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>

### **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 <http://dx.doi.org/10.1002/anie.201405730>

### **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 <http://dx.doi.org/10.1039/c5nj02838h>

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

**Rahman, Mohammed Owahidur; Witter, Raiker; Samoson, Ago** Cardiology 2015 / p. 44 <https://www.karger.com/Article/Abstract/431110>

### **Development of in situ high resolution NMR: Proof-of-principle for a new (spinning) cylindrical mini-pellet approach applied to a Lithium ion battery**

**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>

### **Developments and investigations on battery materials**

**Witter, Raiker; Irshad, Mohammad; Molaiyan, Palanivel; Oss, A.; Anupöld, T.**; Rongeat, C.; Reddy, M. Anji; Fichtner, M.; **Samoson, Ago** 56th Rocky Mountain Conference on Magnetic Resonance : July 13-17, 2014, Copper Conference Center, Copper Mountain, Colorado, USA 2014 / p. 336

### **Eesti teadus - kaalul on rohkem kui elu**

**Samoson, Ago** Postimees 2014 / lk. 17 <https://www.postimees.ee/2996881/eesti-teadus-kaalul-on-rohkem-kui-elu/comments>

### **E-valimised on praegu usalduse küsimus**

**Samoson, Ago** Postimees 2023 / Lk. 12 <https://dea.digar.ee/article/postimees/2023/09/27/13.4>

### **Faster magic angle spinning reveals cellulose conformations in woods**

Yuan, Eric Chung-Yueh; Huang, Shing-Jong; Huang, Hung-Chia; Sinkkonen, Jari; **Oss, Andres; Org, Mai-Liis; Samoson, Ago**; Tai, Hwan-Ching; Chan, Jerry Chun Chung Chemical communications 2021 / p. 4110-4113 <https://doi.org/10.1039/D1CC01149A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## H-MAS

**Samoson, Ago** Journal of magnetic resonance 2019 / p. 167-172 : ill <https://doi.org/10.1016/j.jmr.2019.07.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## 1H line width dependence on MAS speed in solid state NMR - comparison of experiment and simulation

Sternberg, Ulrich; **Witter, Raiker**; Kuprov, Ilya; Lamley, Jonathan M.; **Oss, Andres**; Lewandowski, Jozef R.; **Samoson, Ago** Journal of magnetic resonance 2018 / p. 32-39 : ill <https://doi.org/10.1016/j.jmr.2018.04.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Interaction between point defects in the Si-Si=2 system

Kropman, Daniel; Kämer, T.; Samoson, Ago; Heinmaa, I.; **Mellikov, Enn** Nuclear instruments & methods in physics research. Section B 2002 / p. 78-82

## Interaction between point defects in the Si-SiO<sub>2</sub> system during the process of its formation

Kropman, Daniel; Kämer, T.; Samoson, Ago; Heidmaa, I.; Ugaste, Ülo; **Mellikov, Enn** Defect and Diffusion Forum 2001 / p. 1737-1744

## Investigation of biomasses and chars obtained from pyrolysis of different biomasses with solid-state <sup>13</sup>C and <sup>23</sup>Na nuclear magnetic resonance spectroscopy

**Link, Siim**; Arvelakis, Stelios; Spliethoff, Hartmut; Waard, Pieter De; Samoson, Ago Energy & fuels 2008 / p. 3523-3530 : ill

## Kallase asendamatus on julgeolekurisk

**Samoson, Ago** Postimees 2023 / Lk. 12 <https://dea.digar.ee/article/postimees/2023/12/28/9.5>

## 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](#)

## 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](#)

## Medical plants and nutraceuticals for amyloid- $\beta$ fibrillation inhibition

**Witter, Steffi**; **Witter, Raiker**; **Vilu, Raivo**; Samoson, Ago Journal of Alzheimer's Disease Reports 2018 / p. 239-252 : ill <http://doi.org/10.3233/ADR-180066>

## 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 / 37 p <https://doi.org/10.1002/aenm.202302830>

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

Paluch, Piotr; Augusyniak, 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; Wissner, 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](#)

## Plaan B-ga ei tohiks kauem viivitada

**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-SiO<sub>2</sub> system properties

**Kropman, Daniel**; Arbu, Uno; Kämer, 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

### **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 : ill <https://doi.org/10.1039/C8CC05882B> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **President kui ülikooli rektor**

**Samoson, Ago** Postimees 2021 / Lk. 13 <https://dea.digar.ee/article/postimees/2021/06/14/12.7>

### **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 Scopus](#)

### **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 chemical physics 2019 / p. 18850-18865 : ill <https://doi.org/10.1039/c9cp03414e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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- $\beta$ 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?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](#)

### **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 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 <http://dx.doi.org/10.1021/ja5069992>

### **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**

**Samoson, Ago** Õpetajate Leht 2015 / lk. 12

### **Teadur Ago Samoson: e-hääletus on siiani seisnud vaid valijate usaldusel. Inimestel peab olema ülevaade oma hääle saatusest**

Karlep, Ivo; Samoson, Ago pealinn.ee 2023 [Teadur Ago Samoson: e-hääletus on siiani seisnud vaid valijate usaldusel. Inimestel peab olema ülevaade oma hääle saatusest](#)

### **Teadus teeb Nokiast : [uuest loodavast valitsuskoalitsioonist ja teadusest]**

**Samoson, Ago** Õpetajate Leht 2015 / lk. 10

### **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.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](http://www.ester.ee/record=b4819912*est)

**The metabolic profile of ishemic 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. 154

<https://www.toxicology.org/pubs/docs/Tox/2017ToxSup.pdf>

**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](#)

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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.ester.ee/record=b1072938*est) <https://www.sirp.ee/s1-artiklid/c21-teadus/tuulikud-tuhnurid-ja-radarid/>

**Usaldus e-valimised**

**Samoson, Ago** postimees.ee 2023 [Usaldus e-valimised](#) [Usaldus e-valimised](#)

**Valimishävingut tuleb ennetada**

**Samoson, Ago** postimees.ee 2024 [Valimishävingut tuleb ennetada](#)

**Несменяемость Каи Каллас представляет угрозу безопасности**

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

**Синтез и применение поликонденсационных клеев : сборник статей**

**Viikna, Anti; Christjanson, Peep; Kõösel, Arne-Enn; Lippmaa, Helle;** Samoson, Ago; **Suurpere, Aime; Arro, Zemfira; Siimer, Kadri; Starkopf, Jüri-Aleksander; Jokk, Heiki;** Kadaripik, V.; **Riistop, Märt;** Liiv, E.; **Vares, Toomas; Kaps, Tiit; Sillajõe, Aadu**

1986 [https://www.ester.ee/record=b2191180\\*est](https://www.ester.ee/record=b2191180*est)