

**A total conformational analysis of diastereomeric esters and calculation of their conformational shielding models**  
**Tamp, Sven; Danilas, Kady; Kreen, Malle; Vares, Lauri; Kiirend, Ene; Vija, Sirje; Pehk, Tõnis; Parve, Omar; Metsala, Andrus**  
Journal of molecular structure : THEOCHEM 2008 / 1/3, p. 84-91 : ill  
[https://www.researchgate.net/publication/244272489\\_A\\_total\\_conformational\\_analysis\\_of\\_diastereomeric\\_esters\\_and\\_calculation\\_of\\_their\\_conformational\\_shielding\\_models](https://www.researchgate.net/publication/244272489_A_total_conformational_analysis_of_diastereomeric_esters_and_calculation_of_their_conformational_shielding_models)

**An NMR spectroscopic investigation of functional group selectivity of lipase-catalysed reactions of 11-acetyl prostaglandins E1 and E2**

**Villo, Ly; Tamp, Sven; Vallikivi, Imre; Järving, Ivar; Pehk, Tõnis; Parve, Omar** Proceedings of the 9th International Symposium on Biocatalysis and Biotransformations - (Biotrans 2009) Held in Bern, Switzerland 5-9 July 2009 2010 / p. 66

**An NMR/chromatographic study of the resorcinol-formaldehyde polycondensation reaction**

**Lippmaa, Helle** Kemia-Kemi = [Finnish chemistry] 1981 / p. 96-98 [https://www.ester.ee/record=b1201067\\*est](https://www.ester.ee/record=b1201067*est)

**An NMR/chromatographic study of the resorcinol-formaldehyde polycondensation reaction**

**Lippmaa, Helle** Kemia-kemi = [Finnish chemistry] 1979 / p. ? [https://www.ester.ee/record=b1201067\\*est](https://www.ester.ee/record=b1201067*est)

**Application of <sup>13</sup>C-[2]- and <sup>13</sup>C-[1,2] acetate in metabolic labelling studies of yeast and insect cells**

**Paalme, Toomas; Nisamedtinov, Ildar; Abner, Kristo; Laht, Tiit-Maie; Drews, Monika; Pehk, Tõnis** Antonie van Leeuwenhoek 2006 / 3/4, p. 443-457 <https://link.springer.com/article/10.1007/s10482-005-9053-7>

**Binding between cyclohexanohemicucurbit[n]urils and polar organic guests**

**Ustrnul, Lukas; Burankova, Tatsiana; Öeren, Mario; Juhhimenko, Kristina; Ilmarinen, Jenni; Siilak, Kristjan; Mishra, Kamini Atindrakumar; Aav, Riina** Frontiers in chemistry 2021 / art. 701028 <https://doi.org/10.3389/fchem.2021.701028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bitsüklo[3.3.0]oktaanide suhtelise konfiguratsiooni määramine <sup>1</sup>H-<sup>13</sup>C spinn-spinn sidestuskonstantide abil**

**Suun, S.; Pehk, Tõnis; Kaljuste, K.; Tamp, Sven; Jarvet, Jüri; Aav, Riina** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 96 : ill

**<sup>13</sup>C NMR study of resorcinol-formaldehyde resins**

**Lippmaa, Helle; Välimäe, Toomas; Samoson, Ago** 8th European Symposium on Polymer Spectroscopy : Budapest ..., August 23-26, 1988 : Abstracts 1988 / p. ?

**Changes in curing behaviour of aminoresins during storage**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis** ICTAC 13 : 13th International Congress on Thermal Analysis and Calorimetry : XXVI Conference AICAT-GICAT : Chia Laguna, September 12-19, 2004 : book of abstracts 2004 / p. 85  
<https://link.springer.com/article/10.1007/s10973-005-0623-8>

**Characterisation of ageing of melamine-formaldehyde resins by NMR spectroscopy**

**Siimer, Kadri; Pehk, Tõnis; Suurpere, Aime** Nordic Polymer Days 2000 : Helsinki, 24-26 May 2000 2000 / [1] p

**Characterization of polysaccharide gels by gradient NMR and microscopy methods : a comparative study**

**Tuvikene, Rando; Matsukawa, Shingo; Ogawa, Hiroo; Robal, Marju; Truus, Kalle; Volobujeva, Olga; Mellikov, Enn** IUPAC International Congress on Analytical Sciences 2011 : 22-26 May 2011, Kyoto, Japan 2011 / p. 23P195

**Characterization of resorcinol- and phenol-formaldehyde prepolymers by <sup>1</sup>H NMR spectroscopy**

**Christjanson, Peep; Suurpere, Aime; Köösel, Arne-Enn** Oil shale 1996 / 2, p. 115-122

**Characterization of urea-formaldehyde condensation by <sup>13</sup>C NMR spectroscopy**

**Siimer, Kadri; Pehk, Tõnis; Christjanson, Peep** Stambiamolekuliü junginiu chemija ir technologija = Polymer chemistry and technology : konferencijos pranešimu medžiaga 1999 / p. 61-66: ill

**Characterization of urea-formaldehyde storage stability by <sup>1</sup>H NMR spectroscopy**

**Christjanson, Peep; Suurpere, Aime; Siimer, Kadri** Program and book of abstracts of International Conference on Polymer Characterization "Polychar-8" : Denton, Texas, USA 2000 / p. 15

**Comparsion of resorcinol and 5-methylresorcinol copolycondensates with hydroxymethylphenols using GPS/ <sup>13</sup>C NMR analysis**

**Lippmaa, Helle; Välimäe, T.; Christjanson, Peep** Nihon Setchaku Kyōkai shi = Adhesion : journal of the Adhesion Society of Japan 1988 / p. 255-261

**Covalent modification of calcium hydroxyapatite surface by grafting phenyl phosphonate moities**

**Aissa, Abdallah; Debbabi, Mongi; Gruselle, Michel; Thouvenot, Rene; Gredin, Patrick; Traksmäa, Rainer; Tõnsuaadu, Kaia** Journal of solid state chemistry 2007 / 8, p. 2273-2278 <https://www.sciencedirect.com/science/article/pii/S0022459607002034>

#### **Determination of isotope effects on acid-base equilibria by <sup>13</sup>C NMR spectroscopy**

**Pehk, Tõnis**; Kiirend, E.; **Lippmaa, Endel**; Ragnarsson, U.; Grehn, L. Journal of the Chemical Society. Perkin transactions 1997 / 2, p. 445-450

#### **Development of applications for high-field non-hydrogenative parahydrogen induced hyperpolarization for the analysis of biological fluids with nuclear magnetic resonance spectroscopy = Paravesinikul põhineva mittehüdroometvõimelduse hõõrpolarisatsioonimeetodi rakenduste arendamine biooloogiliste vedelike analüüsiks kõrges magnetväljas**

**Reimets, Nele** 2024 [https://www.ester.ee/record=b5711180\\*est](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>

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

#### **Effect of alkylresorcinols on curing behaviour of phenol-formaldehyde resol resin**

**Siimer, Kadri**; Kaljuvee, Tiit; Christjanson, Peep; **Pehk, Tõnis**; Saks, Imre Journal of thermal analysis and calorimetry 2007 / [9] p. : ill

#### **Etüleendiamiin (EDA) tuumaga polüamidoamiin (PAMAM) dendrimeeride erinevate põlvkondade analüüs MALDI-TOF MS, CZE ja <sup>13</sup>C NMR meetoditega**

Peterson, J.; Allikmaa, Veiko; Ebber, Arkadi; Subbi, J.; **Pehk, Tõnis**; **Lopp, Margus** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 131

#### **General approach to measurements of pK<sub>a</sub> differences by <sup>13</sup>C NMR spectroscopy**

**Pehk, Tõnis**; Kiirend, E.; **Lippmaa, Endel**; Ragnarsson, U. Journal of the Chemical Society. Perkin transactions 1996 / 2, p. 2351-2367

#### **A hint for the function of human Sco1 from different structures**

Banci, Lucia; Bertini, Ivano; **Palumaa, Peep** Proceedings of the National Academy of Sciences of the United States of America 2006 / 23, p. 8595-8600 <https://pubmed.ncbi.nlm.nih.gov/16735468/>  
[https://www.academia.edu/14865179/A\\_hint\\_for\\_the\\_function\\_of\\_human\\_Sco1\\_from\\_different\\_structures](https://www.academia.edu/14865179/A_hint_for_the_function_of_human_Sco1_from_different_structures)

#### **Human Sco1 functional studies and pathological implications of P174L mutant**

Banci, Lucia; Bertini, Ivano; **Palumaa, Peep**; Sillard, Rannar Proceedings of the National Academy of Sciences of the United States of America 2007 / 1, p. 15-20  
[https://www.researchgate.net/publication/6617178\\_Human\\_Sco1\\_functional\\_studies\\_and\\_pathological\\_implications\\_of\\_the\\_P174L\\_mutant](https://www.researchgate.net/publication/6617178_Human_Sco1_functional_studies_and_pathological_implications_of_the_P174L_mutant)

#### **Hydrogen-1 NMR study of 2,5-dimethylresorcinol-methylolphenol co-condensation**

**Christjanson, Peep**; Köösel, Arne-Enn; Suurpere, Aime Oil shale 1997 / p. 375-383: ill

#### **Hydroxymethylation and polycondensation reactions in urea-formaldehyde resin synthesis**

**Christjanson, Peep**; **Pehk, Tõnis**; **Siimer, Kadri** Journal of applied polymer science 2006 / p. 1673-1680 : ill  
[https://www.researchgate.net/publication/230275426\\_Hydroxymethylation\\_and\\_polycondensation\\_reactions\\_in\\_urea-formaldehyde\\_resin\\_synthesis](https://www.researchgate.net/publication/230275426_Hydroxymethylation_and_polycondensation_reactions_in_urea-formaldehyde_resin_synthesis)

#### **Impurity interaction with point defects in the Si-SiO<sub>2</sub> structures and its influence on the interface properties**

**Kropman, Daniel**; **Mellikov, Enn**; Käner, T.; Ugaste, Ülo; Laas, Tõnu; Heinmaa, I.; Medvid, A. Materials science and engineering : B 2006 / p. 222-226 : ill <https://www.sciencedirect.com/science/article/pii/S0921510706004375>

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

Kropman, Daniel; Käner, T.; Samoson, Ago; Heinmaa, I.; **Mellikov, Enn** Nuclear instruments & methods in physics research. Section B 2002 / p. 78-82 <https://www.sciencedirect.com/science/article/pii/S0168583X0100862X>

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

Kropman, Daniel; Käner, T.; Samoson, Ago; Heidmaa, I.; Ugaste, Ülo; **Mellikov, Enn** Defect and Diffusion Forum 2001 / p. 1737-1744 <https://www.sciencedirect.com/science/article/abs/pii/S0168583X0100862X>

#### **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  
<https://pubs.acs.org/doi/10.1021/ef800305g#>

#### **Kaugmõju efektid karboksüülhapete ja nende derivaatide <sup>13</sup>C TMR spektrites**

**Pehk, Tõnis** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 101

**Large-scale preparation of fully deuterated cell components. Ribosomes from Escherichia coli with high biological activity**

Vanatalu, K.; Paalme, Toomas; Vilu, Raivo; Burkhardt, N.; Jünemann, R.; May, R.; Rühl, M.; Wadzack, J.; Nierhaus, K.H. European journal of biochemistry 1993 / p. 315-321 <https://febs.onlinelibrary.wiley.com/doi/10.1111/j.1432-1033.1993.tb18148.x>

**Metüleenühendite uurimine 1H TMR meetodiga = 1H NMR study of some methylene compounds**

Suurpere, Aime; Christjanson, Peep; Köösel, Arne-Enn XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 189-190 [https://www.ester.ee/record=b1070511\\*est](https://www.ester.ee/record=b1070511*est)

**MPA in the determination of the absolute configuration of vicinal diols by NMR spectroscopy**

Ilmarinen, Kaja; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 87

**NMR monitoring of lipase-catalyzed reactions of prostaglandins : preliminary estimation of reaction velocities**

Vallikivi, Imre; Järving, Ivar; Pehk, Tõnis; Samel, Nigulas; Tõugu, Vello; Parve, Omar Journal of molecular catalysis B : enzymatic 2004 / p. 15-19 : ill

**NMR study of triazinone compound formation**

Siimer, Kadri; Oja, Holger; Christjanson, Peep; Lahe, Andres VTT Symposium 133 : Textiles and Composites '92, Tampere, Finland 1992 / p. 332-337

**17O and 1H NMR study of H2O in individual solvents and aqueous solutions of electrolytes**

Mäemets, V.; Koppel, I. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 96

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

Paula, Carolin; Wissler, 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](#)

**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](#)

**1H and 13C NMR study of substituted tetrahydro-1,3,5-triazine(1H)-2-ones formation**

Christjanson, Peep; Siimer, Kadri; Laht, A.; Oja, Holger Tallinna Tehnikaülikooli Toimetised 1992 / lk. 10-20: ill

**1H NMR study of condensation reactions in triazinone-formaldehyde-urea systems**

Christjanson, Peep; Siimer, Kadri; Suurpere, Aime Tallinna Tehnikaülikooli Toimetised 1994 / lk. 24-33: ill

**1H NMR study of resorcinol-methylolurea co-condensation**

Siimer, Kadri; Christjanson, Peep Nordiska polymerdagarna, 16-18 juni 1997, Lund : program, abstrakt, plenarföredrag, korta föredrag, postrar 1997 / [1] p

**1H NMR study of storing of urea-formaldehyde resins**

Suurpere, Aime; Christjanson, Peep; Siimer, Kadri 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 71

**1H NMR study of the structural changes in urea-formaldehyde resins during storage**

Suurpere, Aime; Christjanson, Peep; Siimer, Kadri Finnish Chemical Congress and Exhibition : 17-19.11.1999, Helsinki : abstracts 1999 / p. 17

**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](#)

**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 13C NMR study of cured resorcinol-formaldehyde resins**

Lippmaa, Helle; Samoson, Ago Nihon Setchaku Kyōkai shi = Adhesion : journal of the Adhesion Society of Japan 1988 / p. 300-305

**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 <https://doi.org/10.1021/ja5069992> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Structural changes of starch during baking and staling of rye bread**

**Mihhalevski, Anna;** Heinmaa, Ivo; **Traksmaa, Rainer; Pehk, Tõnis; Mere, Arvo; Paalme, Toomas** Journal of agricultural and food chemistry 2012 / p. 8492-8500 : ill <https://pubs.acs.org/doi/10.1021/jf3021877>

### **Structural, dielectric, magnetic, and nuclear magnetic resonance studies of multiferroic Y-type hexaferrites**

**Khanduri, Himani;** Chandra Dimri, Mukesh; Kooskora, Helgi; Heinmaa, Ivo; Viola, G.; Ning, H.; Reece, M.J.; **Krustok, Jüri;** Stern, Raivo Journal of applied physics 2012 / p. 073903-1 - 073903-7 : ill <https://pubs.aip.org/aip/jap/article/112/7/073903/368621/Structural-dielectric-magnetic-and-nuclear>

### **Structure and thermal stability of pyruvated carrageenans from the red alga *Coccotylus truncatus***

Tuvikene, Rando; Truus, Kalle; Robal, Marju; **Pehk, Tõnis; Kailas, Tiiu; Vaher, Merike;** Paalme, Tiina Carbohydrate research 2009 / p. 788-794 : ill <https://www.sciencedirect.com/science/article/pii/S0008621509000366>

### **Studies on co-condensation of methylolphenols with phenol by <sup>1</sup>H NMR**

**Christjanson, Peep; Köösel, Arne-Enn** XIV. symposium : Poroky vo vyrobe a pouziti lepidel v drevopriemysle : (Adhesives in woodworking industry) : Vinne, 8.-10.9.1999 : zbornik referatov 1999 / p. 47-53: ill

### **Studies on the structure of melamine-formaldehyde condensates by <sup>13</sup>C NMR spectroscopy**

**Siimer, Kadri; Pehk, Tõnis; Christjanson, Peep** Abstracts of Finnish Chemical Congress and Exhibition 2000 / p. 16

### **Studies on the structure of the steam explosion and swelling-solvation cellulose and lignin using <sup>13</sup>C CP/MAS NMR**

Gravitis, Janis; Andersons, Bruno; Teeäär, Raivo; **Kallavus, Urve** Third European Workshop on Lignocellulosics and Pulp (EWLP '94), Stockholm, Sweden, August 28-31, 1994 : extended abstracts 1994 / p. 5-7: ill

### **Studies on wood biodegradation by SEM and <sup>13</sup>C NMR methods**

Irbe, I.; **Kallavus, Urve;** Teeäär, R.; Andersons, B. The Sixth International Mycological Congress, Israel, 23-28 August, 1998 : proceedings 1998 / p. 120

### **A study on the nitrogen metabolism in cultured Sf-9 insect cells using <sup>15</sup>N-labeled substrates and <sup>1</sup>H/<sup>15</sup>N NMR spectroscopy**

**Drews, Monika;** Doverskog, M.; Öhman, L.; Jakobson, U.; Kuchel, P.; Häggström, L. Animal Cell Technology : New Development - New Applications : abstracts of 15th ESACT Meeting, Val-de-Loire, France, Sept. 7-11, 1997 1997 / p. 8.P9

### **Study on urea-formaldehyde resins structure by <sup>1</sup>H NMR spectroscopy**

**Suurpere, Aime; Christjanson, Peep; Siimer, Kadri** Stambiamolekuliu junginiu chemija ir technologija = Polymer chemistry and technology : konferencijos pranešimu medžiaga 1999 / p. 55-60: ill

### **Synthesis and <sup>1</sup>H NMR study of asymmetrical methylene compounds of monophenols and caprolactam**

**Christjanson, Peep; Suurpere, Aime; Süld, Tiia-Maaja** Stambiamolekuliu junginiu chemija ir technologija = Polymer chemistry and technology : tarptautines konferencijos pranešimu medžiaga 1998 / p. 22-26

### **TG-DTA study of melamine-urea-formaldehyde resins**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis;** Lasn, Ilmar; Saks, Imre Book of abstracts : MEDICTA 2007 : the 8th Mediterranean Conference on Calorimetry and Thermal Analysis : September 25th - September 29th, 2007, Palermo, Italy 2007 / p. 180 <https://link.springer.com/content/pdf/10.1007/s10973-007-8721-4.pdf>

### **The use of long range effects in <sup>13</sup>C NMR spectra of carboxylic acids and their derivatives**

**Pehk, Tõnis** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 111

### **Theoretical prediction and assignment of vicinal <sup>1</sup>H–<sup>1</sup>H coupling constants of diastereomeric 3-alkoxy-6,7-epoxy-2-oxabicyclo[3.3.0]octanes**

**Aav, Riina; Pehk, Tõnis; Tamp, Sven; Tamm, Toomas; Kudrjašova, Marina; Parve, Omar; Lopp, Margus** Magnetic resonance in chemistry 2011 / p. 76-82 : ill <https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/full/10.1002/mrc.2712>

### **Thermal behaviour of melamine-modified urea-formaldehyde resins**

**Siimer, Kadri; Kaljuvee, Tiit; Pehk, Tõnis;** Lasn, Ilmar Journal of thermal analysis and calorimetry 2010 / 3, p. 755-762 : ill <https://akjournals.com/view/journals/10973/99/3/article-p755.xml>

### **Unexpected reactivity of ethyl 2-(diethylphosphono)propionate toward 2,2-disubstituted-1,3-cyclopentanediones**

**Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus** Phosphorus, sulfur and silicon 2005 / p. 1739-1748 <https://www.tandfonline.com/doi/full/10.1080/10426500590885309>

**Universaalne 13C TMR spektroskoopiaal baseeruv meetod orgaaniliste hapete dissotsiatsioonikonstantide võrdlevaks määramiseks = An universal 13C NMR method for the comparative analysis of acid-base equilibria**

**Pehk, Tõnis** XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 145-146 [https://www.ester.ee/record=b1070511\\*est](https://www.ester.ee/record=b1070511*est)

**Vee struktuuri uurimine elektrolüütide vesilahustes ja solventides 17O ja 1H tuumamagnetresonantsspektroskoopia meetodil**

**Mäemets, V.;** Koppel, I. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 87

**Анализ продуктов реакции N-оксиметилкапролактама с фенолами и аминами методом спектроскопии ЯМР 1H**

**Christjanson, Peep; Suurpere, Aime; Oja, Holger** Четвертая научная конференция по аналитической химии Прибалтийских республик, БССР и Калининградской области. Часть 1 : тезисы докладов 1982 / с. 132 [https://www.ester.ee/record=b1265288\\*est](https://www.ester.ee/record=b1265288*est)

**Изучение строения карбамидных олигомеров циклической структуры методами ЯМР 13C и 1H**

**Siimer, Kadri; Oja, Holger; Christjanson, Peep** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 50-63: ill

**Исследование структуры некоторых фенолформальдегидных смол методами ИК-спектроскопии и спектроскопии ЯМР13C**

**Lippmaa, Helle;** Pehk, Tõnis; Kiisler, Karl; Christjanson, Peep Республиканская научная конференция

"Фенолформальдегидные смолы и клеи на их основе" : тезисы докладов 1974 / с. 30-32 [https://www.ester.ee/record=b1310514\\*est](https://www.ester.ee/record=b1310514*est)

**Исследование структуры фенолформальдегидных смол спектрометрическими методами. Сообщение 15, ЯМР 13C анализ конденсатов п-оксиметилфенола**

**Lippmaa, Helle;** Välimäe, T. Tallinna Tehnikaülikooli Toimetised 1990 / lk. 3-14

**Конструкция электромагнита для ЯМР-спектрометра высокой разрешающей силы**

**Lippmaa, Endel** Сборник статей по химии и химической технологии. 8 1962 / с. 51-57 : илл [https://www.ester.ee/record=b2181584\\*est](https://www.ester.ee/record=b2181584*est)  
<https://digikogu.taltech.ee/et/Item/6ec4da4c-96e0-445e-b789-9dde4bb0db38>

**О магнитных свойствах материалов, применяемых в ЯМР-спектроскопии**

**Lippmaa, Endel** Сборник статей по химии и химической технологии. 8 1962 / с. 79-82 [https://www.ester.ee/record=b2181584\\*est](https://www.ester.ee/record=b2181584*est)  
<https://digikogu.taltech.ee/et/Item/6ec4da4c-96e0-445e-b789-9dde4bb0db38>

**Сравнение спиновых стабилизаторов магнитного поля ЯМР-спектрометров высокой разрешающей силы**

**Lippmaa, Endel; Sügis, Anatol** Сборник статей по химии и химической технологии. 8 1962 / с. 59-64 : илл  
[https://www.ester.ee/record=b2181584\\*est](https://www.ester.ee/record=b2181584*est) <https://digikogu.taltech.ee/et/Item/6ec4da4c-96e0-445e-b789-9dde4bb0db38>

**Ядерный магнитно-резонансный спектрометр высокой разрешающей силы с электромагнитом**

**Lippmaa, Endel; Sügis, Anatol** Сборник статей по химии и химической технологии. 8 1962 / с. 83-99 : илл  
[https://www.ester.ee/record=b2181584\\*est](https://www.ester.ee/record=b2181584*est) <https://digikogu.taltech.ee/et/Item/6ec4da4c-96e0-445e-b789-9dde4bb0db38>

**Ядерный магнитно-резонансный спектрометр высокой разрешающей силы со спиновой стабилизацией**

**Lippmaa, Endel** Сборник статей по химии и химической технологии. 8 1962 / с. 65-77 : илл [https://www.ester.ee/record=b2181584\\*est](https://www.ester.ee/record=b2181584*est)  
<https://digikogu.taltech.ee/et/Item/6ec4da4c-96e0-445e-b789-9dde4bb0db38>

**ЯМР13C анализ фенолформальдегидных поликонденсатов**

**Lippmaa, Helle** Республиканская научная конференция "Химия и применение фенолальдегидных смол" : тезисы докладов 1987 / с. 43-44 : табл [https://www.ester.ee/record=b1263082\\*est](https://www.ester.ee/record=b1263082*est)