

#### **Alkylresorcinols as modifiers for urea-formaldehyde resins**

**Starkopf, Jüri-Aleksander** Composite wood materials bonded with PF resins 2001 / p. 40-45

#### **Calorimetric study of methylolurea/resorcinol co-condensation**

**Siimer, Kadri; Christjanson, Peep; Siimer, Enn** International Conferences on Polymer Characterization : Polychar-5, January 8-10, 1997 & Short Course, January 7, 1997 : program and book of abstracts 1997 / p. P-47

#### **Can removal of middle molecular uremic retention solutes be estimated by UV-absorbance measurements in spent dialysate?**

**Lauri, Kai; Luman, Merike; Holmar, Jana; Tomson, Ruth; Kalle, Sigrid; Arund, Jürgen; Uhlin, Nils Fredrik Arne; Fridolin, Ivo** World Congress on Medical Physics and Biomedical Engineering, June 7–12, 2015, Toronto, Canada 2015 / p. 1297 - 1300  
[https://doi.org/10.1007/978-3-319-19387-8\\_315](https://doi.org/10.1007/978-3-319-19387-8_315) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Changes in chemical structure of urea-formaldehyde condensates during synthesis**

**Siimer, Kadri; Pehk, Tõnis; Christjanson, Peep** International Conferences on Polymer Characterization : POLYCHAR-7, January 5-8, 1999 & Short course, January 4, 1999, Denton, USA : program and book of abstracts 1999 / p. P-10

#### **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 urea-formaldehyde resins by their rheological behaviour during storage**

**Suurpere, Aime; Siimer, Kadri; Christjanson, Peep** Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 294-299 : ill

#### **Characterisation of urea-formaldehyde resins by their rheological behaviour during storage at various temperatures**

**Suurpere, Aime; Siimer, Kadri; Christjanson, Peep** Proceedings of Baltic Polymer Symposium 2002, Nida, September 18-20, 2002 2002 / p. 198-203 : ill

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

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

#### **Co-condensation of (alkyl)resorcinols with methylolureas**

**Christjanson, Peep; Siimer, Kadri; Suurpere, Aime** Oil shale 1996 / 3, p. 205-217

#### **Combined displacer-enhanced removal of protein-bound uremic toxins estimated in spent dialysate**

**Adoberg, Annika; Leis, Liisi; Uhlin, Nils Fredrik Arne; Arund, Jürgen; Segelmark, Marten; Fernström, Anders; Luman, Merike; Fridolin, Ivo** Kidney International Reports 2019 / art.: MON-105 ; p. S347 <https://doi.org/10.1016/j.ekir.2019.05.895>

#### **Correlation of chemical structure of urea-formaldehyde resins with formaldehyde emission from particleboards**

**Siimer, Kadri; Lasn, Ilmar; Laht, A.; Peterson, Aleksander** Tallinna Tehnikaülikooli Toimetised 1994 / lk. 34-46: ill

#### **Curing behaviour of melamine-urea-formaldehyde resins**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** Lasn, Ilmar Proceedings of Baltic Polymer Symposium 2003 : Jurmala, September 17-19, 2003 2003 / p. 57-63 : ill

#### **Curing behaviour of urea-formaldehyde resins**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 270-275 : ill

#### **Curing behaviour of urea-formaldehyde resins on a wood substrate**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** Lasn, Ilmar Proceedings of Baltic Polymer Symposium 2002, Nida, September 18-20, 2002 2002 / p. 79-84 : ill

#### **Curing behaviour of urea-modified phenol-formaldehyde resin**

**Siimer, Kadri; Süld, Tiia-Maaja; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis** Book of abstracts of the Polymer Processing Society 9th Annual Meeting PPS-09 : Larnaca, Cyprus, October 18-21, 2009 2009 / p. P-190

#### **Curing characteristics of urea-formaldehyde resins**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** Nordiska Polymerdagarna 13-15 juni 2001 2001 / p. 273

#### **Curing of urea-formaldehyde resins on a wood substrate**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** Lasn, Ilmar Journal of thermal analysis and calorimetry 2006 / 1, MEDICTA 2005

: 7th Mediterranean Conference on Calorimetry and Thermal Analysis : July 2-6, 2005, Thessaloniki, Greece, p. 71-77 : ill

#### **Curing process of urea-formaldehyde resins**

**Starkopf, Jüri-Aleksander; Arro, Zemfira; Lippmaa, Helle** Tallinna Tehnikaülikooli Toimetised 1994 / lk. 47-53: ill

#### **Curing processes of urea and resorcinol resins studied by viscometry**

**Starkopf, Jüri-Aleksander; Arro, Zemfira; Lippmaa, Helle** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 145

#### **Curing rate of urea-formaldehyde adhesives**

**Starkopf, Jüri-Aleksander** Tallinna Tehnikaülikooli Toimetised 1992 / lk. 38-44: ill

#### **Сополиконденсация фенолов и мочевины с формальдегидом**

**Siimer, Kadri; Christjanson, Peep; Suurpere, Aime** XXII конференция по высокомолекулярным соединениям, 15-19 окт. 1985 г. [Алма-Ата] : тезисы секций и стендовых докладов 1985 / с. 80 [https://www.ester.ee/record=b5201402\\*est](https://www.ester.ee/record=b5201402*est)

#### **Dependence of formaldehyde emission from particleboards on the chemical structure of urea-formaldehyde resins**

**Siimer, Kadri; Lasn, Ilmar; Christjanson, Peep** International Conference on Polymer Characterization : POLYCHAR-6, January 7-9, 1998 & Chort Course, January 6, 1998, University of North Texas, Denton, USA : program and book of abstracts 1998 / p. P-59

#### **Development of an optical monitoring technology for urea rebound assessment**

**Tomson, Ruth; Fridolin, Ivo; Luman, Merike** The 10th International Conference on Bioelectromagnetism : proceedings 2015 / [4] p. : ill

#### **Development of an optical monitoring technology for urea rebound assessment**

**Tomson, Ruth; Fridolin, Ivo; Luman, Merike** International journal of bioelectromagnetism 2015 / p. 52-56 : ill

#### **Development of the model for the optical monitoring of urea in spent dialysate**

**Tomson, Ruth; Fridolin, Ivo; Uhlin, Nils Fredrik Arne; Holmar, Jana; Lauri, Kai; Luman, Merike** BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 179-182 : ill

#### **Dialysis dose and nutrition assessment by an optical method = Dialüüsravi doosi ja patsientide toitumuse hindamine optilise meetodiga**

**Luman, Merike** 2010 [https://www.ester.ee/record=b2599301\\*est](https://www.ester.ee/record=b2599301*est)

#### **Eesti karbamiidvaigud**

**Siimer, Kadri; Saks, Imre; Christjanson, Peep; Pehk, Tõnis; Suurpere, Aime; Kaljuvee, Tiit** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 101-102

#### **The effect of Kt/V on post dialysis urea rebound in hemodialysis and hemodiafiltration**

**Tomson, Ruth; Fridolin, Ivo; Luman, Merike; Holmar, Jana** Nephrology dialysis transplantation 2016 / p. i490 <https://doi.org/10.1093/ndt/gfw194.3>

#### **Effect of wood substrate on curing urea-formaldehyde resins**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Lasn, Ilmar** Finnish Chemical Congress and Exhibition Kemia-2002, Helsinki, 12-14.11.2002 : abstracts 2002 / p. 33

#### **Estimating total urea removal and protein catabolic rate by monitoring UV absorbance in spent dialysate**

**Uhlin, Nils Fredrik Arne; Fridolin, Ivo; Lindberg, Lars-Göran; Magnusson, Martin** Nephrology dialysis transplantation 2005 / 11, p. 2458-2464 <https://pubmed.ncbi.nlm.nih.gov/16077147/>

#### **Experience of manufacturing particleboards using urea**

**Lasn, Ilmar; Peterson, Aleksander; Siimer, Kadri** Nordic Polymer Days, Norway, Trondheim 1992 / p. 22

#### **Hemodialysis optical monitoring toward greener technology : a potential for water saving dialysis treatment**

**Leis, Liisi; Adoberg, Annika; Paats, Joosep; Holmar, Jana; Arund, Jürgen; Karai, Deniss; Luman, Merike; Pilt, Kristjan; Taklaja, Paul; Tanner, Risto; Fridolin, Ivo** 19th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics : Proceedings of NBC 2023, June 12–14, 2023, Liepaja, Latvia 2023 / p. 162 - 171 [https://doi.org/10.1007/978-3-031-37132-5\\_21](https://doi.org/10.1007/978-3-031-37132-5_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **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)

#### **Influence of lime-containing additives on the thermal behaviour of urea**

**Klimova, Irina; Kaljuvee, Tiit; Trikkel, Andres** 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts 2011 / p. 361  
<https://link.springer.com/article/10.1007/s10973-012-2244-3>

#### **Influence of some lime-containing additives on the thermal behavior of urea**

**Klimova, Irina; Kaljuvee, Tiit; Mikli, Valdek; Trikkel, Andres** Journal of thermal analysis and calorimetry 2013 / p. 253-258 : ill  
<https://doi.org/10.1007/s10973-012-2244-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Intradialytic on-line multicomponent total removed solute monitoring in spent dialysate by a novel miniaturized optical sensor**

**Adoberg, Annika; Paats, Joosep; Arund, Jürgen; Leis, Liisi; Pilt, Kristjan; Fridolin, Ivo; Luman, Merike** Nephrology Dialysis Transplantation 2020 / gfaa141.T0015 <https://doi.org/10.1093/ndt/gfaa141.T0015>

#### **Karbamiid- ja resortsinoolvaikude kõvenemisprotsesside viskosimeetria**

**Starkopf, Jüri-Aleksander; Arro, Zemfira; Lippmaa, Helle** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 133

#### **Karbamiid-formaldehüüdvaikude omaduste muutumine struktureerumisel**

**Suurpere, Aime; Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 129-130

#### **Karbamiid-poorplastide kasutamisest ehituses**

**Kontus, R.; Remma, Heino** XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 104 [https://www.ester.ee/record=b2449987\\*est](https://www.ester.ee/record=b2449987*est)

#### **Manufacture of particleboards using melamine-urea-formaldehyde resins**

**Siimer, Kadri; Pehk, Tõnis; Kaljuvee, Tiit; Lasn, Ilmar; Peterson, Aleksander** Polimeru chemija, fizika ir tehnologija = Polymer chemistry, physics and technology : konferencijos pranešimu medžiaga 2000 / p. 47-50 : ill

#### **Manufacturing and characterisation of Estonian urea-formaldehyde resins**

**Siimer, Kadri; Christjanson, Peep; Kaljuvee, Tiit; Suurpere, Aime; Pehk, Tõnis; Saks, Imre; Lasn, Ilmar** Scientific proceedings of Riga Technical University. Serija 1, Material science and applied chemistry 2007 / p. 48-55

#### **Melamine-formaldehyde-urea resin cure behaviour**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** Kemia 2003 : Kemian päivat : Finnish Chemical Congress and Exhibition : 11.-13.11.2003 : abstracts 2003 / p. 29-30

#### **Melamine-urea-formaldehyde resins for particleboards**

**Siimer, Kadri; Pehk, Tõnis; Lasn, Ilmar; Peterson, Aleksander** Nordic Polymer Days 1999 : Copenhagen, 31. May - 2. June 1999 1999 / p. P9

#### **Metüloolkarbamiidide ja resortsinoolide kooskondensatsiooni reaktsioonid = Co-condensation reactions of methylolureas and resorcinols**

**Siimer, Kadri** XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 187-188 [https://www.ester.ee/record=b1070511\\*est](https://www.ester.ee/record=b1070511*est)

#### **Mikrokaloremeetria kasutamine karbamiid-formaldehüüdvaikude uurimisel**

**Siimer, Kadri; Christjanson, Peep; Siimer, Enn** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 130

#### **Modified urea-formaldehyde resins for particleboards**

**Siimer, Kadri; Süld, Tiia-Maaja; Kaljuvee, Tiit; Lasn, Ilmar** Polymer Processing Society : PPS-26 : regional meeting : Istanbul, Turkey, October 20-24, 2010 : program & abstracts 2010 / p. 94

#### **Modifiers for urea-formaldehyde resins**

**Starkopf, Jüri-Aleksander** XI symposium Pokroky vo vyrobe a pouziti lepidiel v drevarskom priemysle : zbornik referatov 1993 / p. 133-137

#### **New optical method for estimation of protein bound uremic toxins elimination**

**Holmar, Jana; Arund, Jürgen; Uhlin, Fredrik; Tanner, Risto; Fridolin, Ivo** World Congress on Medical Physics and Biomedical Engineering May 26-31, 2012, Beijing, China 2013 / p. 71-74 [https://doi.org/10.1007/978-3-642-29305-4\\_20](https://doi.org/10.1007/978-3-642-29305-4_20) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **NMR study of urea-formaldehyde-ammonia oligomers**

**Siimer, Kadri; Oja, Holger; Laht, Aare** Kemia-kemi = [Finnish chemistry] 1991 / p. 984-985 [https://www.ester.ee/record=b1201067\\*est](https://www.ester.ee/record=b1201067*est)

#### **Obtaining granular NPK fertilizers from single superphosphate and urea**

**Aasamäe, Ernst; Arumeel, Edgar; Einard, Marve; Veiderma, Mihkel** Fertilizer research 1993 / p. 161-167

#### **Obtaining various grades of NPK fertilizers from ammonium phosphate and urea with addition of micronutrients**

**Aasamäe, Ernst; Arumeel, Edgar; Einard, Marve** Proceedings of the Estonian Academy of Sciences. Chemistry 1992 / 4, p. 164-170

#### **Online urea concentration estimation from spent dialysate using optical sensor**

**Pilt, Kristjan; Arund, Jürgen;** Adoberg, Annika; Leis, Liisi; Luman, Merike; **Fridolin, Ivo** XV Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 2019 : proceedings of MEDICON 2019, September 26–28, 2019, Coimbra, Portugal 2020 / p. 1459-1464 [https://doi.org/10.1007/978-3-030-31635-8\\_180](https://doi.org/10.1007/978-3-030-31635-8_180) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Optical method for uric acid removal assessment during dialysis = Optiline meetod kusihaape eemaldamise määramiseks dialüüsiravi käigus**

**Holmar, Jana** 2013 [https://www.ester.ee/record=b3004743\\*est](https://www.ester.ee/record=b3004743*est)

#### **Optical on-line monitoring of a displacer-chromophore administration during a dialysis treatment**

**Arund, Jürgen;** Adoberg, Annika; Leis, Liisi; **Luman, Merike; Uhlin, Nils Fredrik Arne;** Segelmark, Marten; Fernström, Anders; **Fridolin, Ivo** Kidney International Reports 2019 / p. S340-S341 <https://doi.org/10.1016/j.ekir.2019.05.879>

#### **Optical urea rebound estimation during dialysis**

**Tomson, Ruth; Uhlin, Nils Fredrik Arne; Fridolin, Ivo** 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 109-112 : ill [https://doi.org/10.1007/978-3-319-12967-9\\_30](https://doi.org/10.1007/978-3-319-12967-9_30) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Properties of particleboards prepared with modified urea binders**

**Reiska, Rein; Vares, Toomas; Starkopf, Jüri-Aleksander** Tallinna Tehnikaülikooli Toimetised 1992 / lk. 31-37

#### **<sup>1</sup>H NMR study of condensation reactions in triazinone-formaldehyde-urea systems**

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

#### **<sup>1</sup>H 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

#### **<sup>1</sup>H 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

#### **<sup>1</sup>H 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

#### **Relationship between structure and properties of urea-formaldehyde resins**

**Suurpere, Aime;** Saks, Imre; Oige, K.; Lasn, Ilmar; **Siimer, Kadri** Baltic Polymer Symposium 2006 : September 20-22, 2006 : programme and proceedings 2006 / p. 87

#### **Relationship between structure and properties of urea-formaldehyde resins. II**

**Suurpere, Aime;** Saks, Imre; Lasn, Ilmar; **Siimer, Kadri** Baltic Polymer Symposium 2007 : Druskininkai, Lithuania, September 19-21, 2007 : programme and book of abstracts 2007 / p. 96

#### **Relationship between the chemical structure of urea-formaldehyde resins and properties of particleboards**

**Lasn, Ilmar; Peterson, Aleksander; Laht, Aare; Siimer, Kadri** Abstracts of Nordic Polymer Days, Stockholm, 2-4 June 1993 1993 / p. 14

#### **Rheokinetic study of urea-formaldehyde resins at ageing**

**Suurpere, Aime; Christjanson, Peep; Siimer, Kadri** Chemine technologija 2005 / 2, p. 16-21 : ill

#### **Rheokinetic study of urea-formaldehyde resins in ageing**

**Suurpere, Aime; Christjanson, Peep; Siimer, Kadri** Programme and proceedings of Baltic Polymer Symposium 2004 : Kaunas, November 24-26, 2004 2004 / p. 75

#### **Rheological behaviour of urea-formaldehyde adhesive resins**

**Christjanson, Peep; Suurpere, Aime; Siimer, Kadri** 11th Annual Polychar World Forum on Advanced Materials : POLYCHAR-11 :

**Rheological behaviour of urea-formaldehyde adhesive resins [Electronic resource]**

**Christjanson, Peep; Suurpere, Aime; Siimer, Kadri** e-polymers 2004 / no. 037, [10] p. : ill

**Rheological behaviour of urea-formaldehyde resins**

**Suurpere, Aime; Christjanson, Peep** Kemia 2003 : Kemian päivat : Finnish Chemical Congress and Exhibition : 11.-13.11.2003 : abstracts 2003 / p. 36

**Rheological measurements for study of urea-formaldehyde adhesive resins**

**Suurpere, Aime; Christjanson, Peep; Siimer, Kadri** Proceedings of Baltic Polymer Symposium 2003 : Jurmala, September 17-19, 2003 2003 / p. 51-56 : ill

**Rotational viscometry for study of urea-formaldehyde resins**

**Suurpere, Aime; Christjanson, Peep; Siimer, Kadri** Programme and proceedings of Baltic Polymer Symposium 2005 : Tallinn, October 19-21, 2005 2005 / p. 61

**Rotational viscometry for the study of urea-formaldehyde resins**

**Suurpere, Aime; Christjanson, Peep; Siimer, Kadri** Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 2, p. 134-146 : ill

**Selective photocatalytic oxidation of steroid estrogens in water treatment : urea as co-pollutant**

**Karpova, Tatjana; Preis, Sergei; Kallas, Juha** Journal of hazardous materials 2007 / 3, p. 465-471 : ill

**Serum levels and removal by haemodialysis and haemodiafiltration of tryptophan-derived uremic toxins in ESKD patients**

**Paats, Joosep; Adoberg, Annika; Arund, Jürgen; Fridolin, Ivo; Leis, Liisi; Luman, Merike; Pilt, Kristjan; Uhlin, Nils Fredrik Arne** International journal of molecular sciences 2020 / art. 1522, 19 p. : ill <https://doi.org/10.3390/ijms21041522> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Structural changes in urea-formaldehyde resins during storage**

**Christjanson, Peep; Siimer, Kadri; Pehk, Tõnis** Lasn, Ilmar Holz als Roh- und Werkstoff 2002 / p. 379-384

**Structuration process of urea-formaldehyde resins during storage**

**Christjanson, Peep; Siimer, Kadri; Pehk, Tõnis** POLYCHAR World Forum on Polymer Applications and Theory : POLYCHAR-10, January 8-11, 2002 & Short Course, January 7, 2002 : program and book of abstracts 2002 / p. 85

**Structure formation in urea-formaldehyde resin synthesis**

**Christjanson, Peep; Pehk, Tõnis; Siimer, Kadri** Proceedings of the Estonian Academy of Sciences. Chemistry 2006 / 4, p. 212-225 : ill

**Structure of modern urea-formaldehyde resins**

**Siimer, Kadri; Pehk, Tõnis** Pihlapuu, U. 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 67

**Study of the adhesion and viscosity parameters of urea-formaldehyde resins during storage**

**Starkopf, Jüri-Aleksander; Siimer, Kadri; Otto, Kairi; Kaps, Tiit** Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 282-286 : ill

**Study of the structural changes in urea-formaldehyde condensates during synthesis**

**Siimer, Kadri; Pehk, Tõnis; Christjanson, Peep** Macromolecular symposia 1999 / December, 7th International Conference on Polymer Characterization (POLYCHAR-7), p. 149-156 : ill

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

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

**Synthesis and properties of urea resins containing triazinone rings**

**Siimer, Kadri; Christjanson, Peep; Starkopf, Jüri-Aleksander** Tallinna Tehnikaülikooli Toimetised 1992 / lk. 21-30

**Synthesis of chiral urea-based macrocycles and their application as molecular containers = Kiraalsete urea-põhiste molekulaarsete mahutite süntees ja rakendus**

**Mishra, Kamini Atindrakumar** 2022 <https://doi.org/10.23658/taltech.20/2022> <https://digikogu.taltech.ee/et/Item/b07b0d8d-888b-420d-839e-a809b9d5cfce> [https://www.ester.ee/record=b5500524\\*est](https://www.ester.ee/record=b5500524*est)

**Synthesis, vibrational spectra and X-ray structures of copper(I) thiourea complexes**

Bombicz, Petra; Mutikainen, Ilpo; **Krunks, Malle**; Leskelä, Tuula; Madarasz, Janos; Niinistö, Lauri Inorganica chimica acta 2004 / 2, p. 513-525 <https://www.sciencedirect.com/science/article/pii/S0020169303005152>

#### **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>

#### **TG-DTA technique for studying the cure process of urea-formaldehyde resins**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** Finnish Chemical Congress and Exhibition Kemia-2001 : Helsinki, 13-15.11.2001 : abstracts 2001 / p. 26-27

#### **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>

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

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** 6th Mediterranean Conference on Calorimetry and Thermal Analysis : MEDICTA 2003 : 27-30 July 2003, Portugal : book of abstracts 2003 / p. 140 <https://link.springer.com/article/10.1007/s10973-009-0617-z>

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

**Siimer, Kadri; Süld, Tiia-Maaja; Christjanson, Peep; Kaljuvee, Tiit; Pehk, Tõnis**; Lasn, Ilmar XXVIII National Conference on Calorimetry, Thermal Analysis and Chemical Thermodynamics : Milan, Italy, December 11-15, 2006 2006 / p. 90

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

**Siimer, Kadri; Kaljuvee, Tiit** MEDICTA 2009 : 9th Mediterranean Conference on Calorimetry and Thermal Analysis : June 15-18, 2009, Marseille, France : book of abstracts 2009 / p. 91 : ill

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

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** ESTAC 8 : 8th European Symposium on Thermal Analysis and Calorimetry, Barcelona, Spain, August 25-29, 2002 : abstracts book 2002 / p. 73

#### **Thermal behaviour of urea-formaldehyde resins during curing**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep** Journal of thermal analysis and calorimetry 2003 / 1/2, ESTAC 8 : proceedings of the 8th European Symposium on Thermal Analysis and Calorimetry : Barcelona, Spain, August 25-29, 2002. Volume 2. ISBN 963-05-8044-6. p. 607-617 : ill

#### **Thermal decomposition of cadmium and copper thiocarbamide chlorides**

**Krunks, Malle**; Madarasz, Janos; Leskelä, T.; Hiltunen, L.; Mannonen, R.; Niinistö, L. 15th Nordic symposium for thermal analysis and calorimetry : programme, extended abstracts 1996 / p. 11

#### **Thermal decomposition of copper(II) thiocarbamide chloride hemihydrate**

**Krunks, Malle**; Leskelä, T.; Mannonen, R.; Niinistö, L. Journal of thermal analysis 1998 / p. 355-364: ill

#### **A thermoanalytical study of copper(II) thiocarbamide compounds**

**Krunks, Malle**; Leskelä, T.; Mutikainen, Ilpo; Niinistö, L. Journal of thermal analysis and calorimetry 1999 / 2, p. 479-484: ill

#### **Time-averaged concentration estimation of uraemic toxins with different removal kinetics : a novel approach based on intradialytic spent dialysate measurements**

**Paats, Joosep; Adoberg, Annika; Arund, Jürgen**; Dhondt, Annemieke; Fernström, Anders; Glorieux, Griet; **Fridolin, Ivo; Holmar, Jana; Luman, Merike; Pilt, Kristjan** Clinical Kidney Journal 2023 / p. 735-744 : ill <https://doi.org/10.1093/ckj/sfac273>  
<https://academic.oup.com/ckj/article/16/4/735/6948331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Trans-tsükloheksaanuurea VCD analüüs tahkes ja vedelas faasis : [posterettekanne]**

Peterson, Anna; Öeren, Mario; **Shmatova, Elena**; Kailas, Tiit; **Aav, Riina** XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013

#### **Tööstuslike karbamiidformaldehüüdvaikude struktuuri ja omaduste uurimine**

**Suurpere, Aime**; Saks, Imre; Lasn, Ilmar; **Siimer, Kadri** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 157-158

#### **Urea- and creatinine-based parameters in the optical monitoring of dialysis : the case of lean body mass and urea rebound assessment = Uurea ja kreatiniini põhinevad parameetrid neeruasendusravi optilises monitooringus : patsiendi lihasmassi ja uurea tagasilöögi efekti hindamine**

**Tomson, Ruth** 2017 <https://digi.lib.ttu.ee/i/?7744> [https://www.ester.ee/record=b4678405~S1\\*est](https://www.ester.ee/record=b4678405~S1*est)

#### **Urea rebound assessment based on UV absorbance in spent dialysate**

**Tomson, Ruth; Uhlin, Fredrik; Fridolin, Ivo** Asaio journal 2014 / p. 459-465 : ill <https://doi.org/10.1097/MAT.0000000000000091>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Urea resins of cyclic structure**

**Siimer, Kadri; Christjanson, Peep; Starkopf, Jüri-Aleksander** Nordic Polymer Days, Norway, Trondheim 1992 / p. 21

#### **Urea-formaldehyde resin cure on a wood substrate**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Süld, Tiia-Maaja**; Lasn, Ilmar MEDICTA 2005 : 7th Mediterranean Conference on Calorimetry and Thermal Analysis : 2-6 July 2005, Thessaloniki, Greece : proceedings 2005 / p. 133-138 : ill

#### **Urea-formaldehyde resin cure on a wood substrate**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep**; Lasn, Ilmar MEDICTA 2005 : 7th Mediterranean Conference on Calorimetry and Thermal Analysis : 2-6 July 2005, Thessaloniki, Greece : book of abstracts 2005 / p. 73

#### **Urea-formaldehyde resins for low formaldehyde emission particleboards**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis**; Lasn, Ilmar; Saks, Imre PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15-19, 2008, Salerno, Italy : book of abstracts 2008 / p. II.478

#### **Urea-formaldehyde resins for low formaldehyde emission particleboards [Electronic resource]**

**Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis**; Lasn, Ilmar; Saks, Imre PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15-19, 2008, Salerno, Italy : program and proceedings 2008 / [7] p. : ill. [CD-ROM]

#### **Urea-formaldehyde resins for wood agglomeration : synthesis, structure and properties**

**Christjanson, Peep; Siimer, Kadri** V. symposium : Drevne kompozitne materialy (Composite Wood Materials) : Zvolen, 23.-25.6.2004 : zbornik referatov 2004 / p. 112-118

#### **Urea-formaldehyde resins in Estonia : manufacturing and characterisation**

**Siimer, Kadri; Christjanson, Peep; Pehk, Tõnis; Kaljuvee, Tiit; Suurpere, Aime**; O'Brock, D.; Saks, Imre; Lasn, Ilmar Baltic Polymer Symposium 2006 : September 20-22, 2006 : programme and proceedings 2006 / p. 83

#### **Use of microcalorimetry in urea-formaldehyde resin study**

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

#### **Use of microcalorimetry in urea-formaldehyde resin study**

**Siimer, Kadri; Christjanson, Peep**; Siimer, Enn 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 141

#### **Uureapõhised molekulaarsed mahutid**

**Aav, Riina** Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 243-247 : ill

#### **Uus enantiomeerne poolkukurbit[6]juriil**

**Shmatova, Elena; Werner, Franz; Tarma, K.; Öeren, Mario; Borissova, Maria; Aav, Riina** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 92 : ill

#### **Viscometric study on structuration processes of urea-formaldehyde resins**

**Starkopf, Jüri-Aleksander; Siimer, Kadri** 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 70

#### **Viscometric study on structuration processes of urea-formaldehyde resins during storage**

**Starkopf, Jüri-Aleksander; Siimer, Kadri** Stambiamolekuliu junginiu chemija ir technologija = Polymer chemistry and technology : konferencijos pranešimu medžiaga 1999 / p. 49-54: ill

#### **Wood-based composite plastic with polyethylene and urea-formaldehyde binder**

**Vares, Toomas; Reiska, Rein** Tallinna Tehnikaülikooli Toimetised 1992 / lk. 45-51: ill

#### **Влияние добавки карбамида на азотнокислотно-сульфатную переработку природных фосфатов**

**Aasamäe, Ernst; Veiderma, Mihkel** Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1983 / с. 1-7 : ил  
[https://www.eester.ee/record=b1264984\\*est](https://www.eester.ee/record=b1264984*est)

#### **Изучение отверждения модифицированной алкилрезорцинами карбамидной смолы**

**Vares, Toomas; Lippmaa, Helle; Siimer, Kadri** Синтез и применение поликонденсационных клеев. 12 1989 / с. 40-49

#### **Изучение строения карбамидных олигомеров циклической структуры методами ЯМР 13С и 1Н**

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

**Использование соединений включения мочевины с диметиловыми эфирами алифатических дикарбоновых кислот**

**Aarna, Agu; Kann, Jüri; Männik, A.** Сборник статей по химии и химической технологии. 17 1967 / с. 3-12 : илл  
[https://www.ester.ee/record=b2182175\\*est](https://www.ester.ee/record=b2182175*est) <https://digikogu.taltech.ee/et/Item/7729329c-fcb4-4227-8663-3a21bf5c78ff>

**Исследование реакции мочевины с формальдегидом в нейтральной среде**

**Vabaoja, Jüri; Kiisler, Karl** Республиканская научная конференция "Синтез феноло-формальдегидных клеевых смол и старение клеевого соединения" : с 7 по 9 сентября 1971 года 1971 / с. 56-60 : илл [https://www.ester.ee/record=b1335728\\*est](https://www.ester.ee/record=b1335728*est)

**Модифицирование мочевиноформальдегидного связующего алкилрезорцинами для древесностружечных плит**

**Vares, Toomas** Исследования в области химии древесины : 5-я межреспубликанская конференция молодых ученых : тезисы докладов 1988 / с. 9 [https://www.ester.ee/record=b1437625\\*est](https://www.ester.ee/record=b1437625*est)

**Применение газо-жидкостной хроматографии для анализа комплексов двухосновных алифатических карбоновых кислот с мочевиной**

**Aarna, Agu; Kann, Jüri; Virkus, Ants-Juhan** Сборник статей по химии и химической технологии. 15 1966 / с. 93-101 : илл  
[https://www.ester.ee/record=b2182115\\*est](https://www.ester.ee/record=b2182115*est) <https://digikogu.taltech.ee/et/Item/55575f8e-02db-404e-8bef-28e158aa260b>

**Применение модифицированной карбамидной смолы для изготовления стержней**

**Vabaoja, Jüri; Saar, J.; Sepp, E.** Известия высших учебных заведений. Машиностроение : научно-технический журнал 1976 / с. 120-122 [https://www.ester.ee/record=b3249094\\*est](https://www.ester.ee/record=b3249094*est)

**Реакция амидометилирования. Сообщение XVI, Исследование реакции резорцина с оксиметилмочевинами**

**Siimer, Kadri; Suurpere, Aime; Välimäe, Toomas** Синтез и применение поликонденсационных клеев. 4 1981 / с. 39-49 : илл  
[https://www.ester.ee/record=b2191035\\*est](https://www.ester.ee/record=b2191035*est) <https://digikogu.taltech.ee/et/Item/b5691e32-e425-4279-b0c6-86c2af1f88a1>

**Реакция гексаметилентетрамина с резорцином и мочевиной**

**Christjanson, Peep; Süld, Tiia-Maaja** Республиканская научная конференция "Химия и применение фенолальдегидных смол" : тезисы докладов 1987 / с. 49-50 : ил [https://www.ester.ee/record=b1263082\\*est](https://www.ester.ee/record=b1263082*est)

**Реакция оксиметильных производных одноатомных фенолов и мочевины**

**Siimer, Kadri; Christiansen, P.** Тезисы докладов Координационного совещания по фенопластам, 11-13 июня 1985 г. 1985 / с. 62-64

**Реакция резорцина с оксиметилмочевинной**

**Siimer, Kadri; Reispere, Aimi** Республиканская научная конференция "Химия и применение фенолальдегидных смол" : тезисы докладов 1982 / с. 17-18 [https://www.ester.ee/record=b1265870\\*est](https://www.ester.ee/record=b1265870*est)

**Реакция смеси резорцинов и мочевины с формальдегидом и резорцина с метилполмочевинами**

**Vabaoja, Jüri** Синтез и применение поликонденсационных клеев. 3 1980 / с. 61-70 : илл [https://www.ester.ee/record=b2191029\\*est](https://www.ester.ee/record=b2191029*est)  
<https://digikogu.taltech.ee/et/Item/18e952ba-a2c4-42b8-9e19-228f813bf9e9>

**Свободный формальдегид в древесно-полимерных материалах. Сообщ. 4, Влияние добавок карбамида и алкилрезорцинов на свойства древесно-стружечных плит**

**Vares, Toomas; Starkopf, Jüri-Aleksander** Синтез и применение поликонденсационных клеев. 11 1988 / с. 78-86

**Синтез и свойства некоторых производных N,N-дизамещенной мочевины**

**Siimer, Kadri; Suurpere, Aime** Синтез и применение поликонденсационных клеев. 11 1988 / с. 42-53

**Система управления промывной колонной в производстве карбамида**

**Sõtšev, V. S.; Aarna, Olav** III всесоюзная конференция "Математическое моделирование сложных химико-технологических систем" (СХТС-III), с 7 по 9 июня 1982 года : тезисы докладов. Часть 2 1982 / с. 159-160 [https://www.ester.ee/record=b1275459\\*est](https://www.ester.ee/record=b1275459*est)

**Соконденсация формальдегида с мочевиной и аминами**

**Christjanson, Peep; Süld, Tiia; Suurpere, Aime** Синтез и применение поликонденсационных клеев. 11 1988 / с. 3-14

**Сополиконденсация фенолов и мочевины с формальдегидом**

**Siimer, Kadri; Christjanson, Peep; Suurpere, Aime** XXII конференция по высокомолекулярным соединениям, 15-19 окт. 1985 г. [Алма-Ата] : тезисы секций и стендовых докладов / 1985 / с. 80 [https://www.ester.ee/record=b5201402\\*est](https://www.ester.ee/record=b5201402*est)

**Термическая характеристика производных N,N-дизамещенной мочевины**

**Siimer, Kadri; Põldme, Meeme** Синтез и применение поликонденсационных клеев. 11 1988 / с. 54-59

**Термическое разложение тиомочевинных комплексов кадмия**

**Krunks, Malle; Mellikov, Enn** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 3-22: ill

**Физико-химические свойства карбамидформальдегидной смолы, модифицированной алкилрезорцинами**

**Vares, Toomas; Elbert, A.A.** Известия высших учебных заведений. Лесной журнал 1988 / с. 92-95

[https://www.ester.ee/record=b2144372\\*est](https://www.ester.ee/record=b2144372*est)

**Фракционирования кристаллизация индивидуальных алифатических двухосновных карбоновых кислот с мочевиной из водного раствора**

**Aarna, Agu; Kann, Jüri** Сборник статей по химии и химической технологии. 15 1966 / с. 103-115 : илл

[https://www.ester.ee/record=b2182115\\*est](https://www.ester.ee/record=b2182115*est) <https://digikogu.taltech.ee/et/Item/55575f8e-02db-404e-8bef-28e158aa260b>

**Фракционированная кристаллизация бинарных смесей двухосновных алифатических карбоновых кислот с мочевиной из водного раствора**

**Aarna, Agu; Kann, Jüri** Сборник статей по химии и химической технологии. 15 1966 / с. 117-127 : илл

[https://www.ester.ee/record=b2182115\\*est](https://www.ester.ee/record=b2182115*est) <https://digikogu.taltech.ee/et/Item/55575f8e-02db-404e-8bef-28e158aa260b>