

**Activated persulfate processes for degradation of endocrine disrupting compound nonylphenol in aqueous matrices**  
[Online resource]

**Dulova, Niina; Balpreet Kaur; Kattel, Eneliis; Trapido, Marina** 19th European Meeting on Environmental Chemistry : 3 - 6 december 2018 Royat - France : programm book 2018 / p. 34  
[https://emec19.sciencesconf.org/data/pages/EMEC\\_19\\_Book\\_of\\_abstract.pdf](https://emec19.sciencesconf.org/data/pages/EMEC_19_Book_of_abstract.pdf)

**Advanced oxidation processes for degradation of 2,4-dichlo- and 2,4-dimethylphenol**

**Trapido, Marina; Veressinina, Jelena; Munter, Rein** Journal of environmental engineering 1998 / 8, p. 690-694: ill

**Advanced oxidation processes for the degradation of 2,4,6-trinitrophenol - what is the best solution?**

**Trapido, Marina; Goi, Anna** Proceedings of the 15th Ozone World Congress : London, United Kingdom, 11th - 15th September 2001 : oral presentations. Vol. II 2001 / p. 245-255 : ill

**Advanced oxidation processes of xylenols in aqueous solutions**

**Trapido, Marina; Veressinina, Jelena; Munter, Rein** Proceedings of the Estonian Academy of Sciences. Chemistry 1995 / 1, p. 21-31: ill

**Advances in the one-step synthesis of 2D and 3D sulfide materials grown by pulsed laser deposition assisted by a sulfur thermal cracker**

**Esterlich, Joan Ramish; Affanoukoue, Kevin; Kaupmees, Reelika; Miakota, Denys; Engberg, Sara; Grossberg-Kuusk, Maarja; Schou, Jorgen; Canulescu, Stela** Applied physics. A, Materials science & processing 2023 / art. 59 <https://doi.org/10.1007/s00339-022-06319-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ageing of kesterite solar cells 1 : Degradation processes and their influence on solar cell parameters**

**Neubauer, Christian; Samiepour, Ali; Oueslati, Souhaib; Danilson, Mati; Meissner, Dieter** Thin solid films 2019 / p. 595-599 : ill  
<https://doi.org/10.1016/j.tsf.2018.11.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ageing of kesterite solar cells 2 : Impact on photocurrent generation**

**Samiepour, Ali; Neubauer, Christian; Oueslati, Souhaib; Mikli, Valdek; Meissner, Dieter** Thin solid films 2019 / p. 509-513 : ill  
<https://doi.org/10.1016/j.tsf.2018.11.044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Application of advanced oxidation technologies for propoxycarbazone-sodium degradation**

**Dulov, Aleksandr; Dulova, Niina; Veressinina, Jelena; Trapido, Marina** 20th IOA World Congress - 6th IUVA World Congress : Ozone and UV Leading-Edge Science and Technologies : Paris, France, 23-27 May 2011 : proceedings 2011 / p. I.6.15-1 - I.6.15-8

**Application of ozonation, UV photolysis, Fenton treatment and other related processes for degradation of ibuprofen and sulfamethoxazole in different aqueous matrices**

**Epold, Irina; Dulova, Niina; Veressinina, Jelena; Trapido, Marina** Journal of advanced oxidation technologies 2012 / p. 354-364 : ill  
[https://www.researchgate.net/publication/263695119\\_Application\\_of\\_Ozonation\\_UV\\_Photolysis\\_Fenton\\_Treatment\\_and\\_other\\_Related\\_Processes\\_for\\_Degradation\\_of\\_Ibuprofen\\_and\\_Sulfamethoxazole\\_in\\_Different\\_Aqueous\\_Matrices](https://www.researchgate.net/publication/263695119_Application_of_Ozonation_UV_Photolysis_Fenton_Treatment_and_other_Related_Processes_for_Degradation_of_Ibuprofen_and_Sulfamethoxazole_in_Different_Aqueous_Matrices)

**Aromaatsete amiinoühendite fotokatalüütilisest lagundamisest**

**Preis, Sergei; Kritševskaja, Marina; Hartšenko, Anna** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 110

**Capillary electrophoretic monitoring of products of enzymatic digestion of willow sawdust**

**Helmja, Kati; Käsper, Andres; Kudrjašova, Marina; Vaher, Merike** SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 105 <https://www.etis.ee/Portal/Publications/Display/b8a916a7-4a4b-460f-a3de-eeede27394252>

**Catalytic ozonation as a means for degradation of resistant compounds**

**Trapido, Marina; Veressinina, Jelena; Munter, Rein** Abstracts of the International Conference "Eco-Balt 2004" 2004 / p. 15-16

**Chlorsulfuron degradation by Streptomyces**

**Zeltins, Andris; Pavlovicha, D.; Miklashevichs, E.** Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 88

**Converter state-space model estimation using dynamic mode decomposition**

**Suskis, Pavels; Zakis, Janis; Suzdalenko, Alexander; Khang, Huynh Van; Rassõlkin, Anton; Vaimann, Toomas; Pomarnacki, Raimondas** 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / 5 I  
<https://doi.org/10.1109/ENERGYCON53164.2022.9830201>

**Decomposition and sulphation of calcareous compounds during combustion of Estonian oil shale**

**Trikkel, Andres; Kuusik, Rein, keemik; Uibu, Mai** Sixth International Symposium & Exhibition on Environmental Contamination in Central and Eastern Europe and the Commonwealth of Independent States : 1-4 September 2003, Prague, Czech Republic :

**Decomposition and sulphation of calcareous compounds during combustion of Estonian oil shale [Electronic resource]**  
**Trikkel, Andres; Kuusik, Rein, keemik; Uibu, Mai** VI International Symposium & Exhibition on Environmental Contamination in Central and Eastern Europe and the Commonwealth of Independent States : Prague, Czech Republic, 1-4 Sept. 2003 : proceedings 2004 / [5] p. [CD-ROM]

**Decomposition mechanism of hydroxyfluorapatite in phosphoric acid - thermal treatment**  
**Pöldme, Meeme; Raude, Urmas;** Aruväli, Jaan; Utsal, Kalju XI. International Conference on Phosphorus Chemistry, Tallinn, USSR July 3-7, 1989 : abstracts of posters. II 1989 / [p.86] [https://www.ester.ee/record=b1209881\\*est](https://www.ester.ee/record=b1209881*est)

**Decomposition mechanism of hydroxyfluorapatite in phosphoric acid-thermal treatment**  
**Pöldme, Meeme; Raude, Urmas;** Aruväli, J.; Utsal, K. Phosphorus, sulfur and silicon and the related elements 1990 / p. 441

**Decomposition method for solving optimal material orientation problems**  
**Majak, Jüri; Pohlak, Meelis** Composite structures 2010 / 8, p. 1839-1845  
<https://www.sciencedirect.com/science/article/pii/S0263822310000346>

**Decomposition method for solving optimal material orientation problems**  
**Majak, Jüri; Pohlak, Meelis** 15th International Conference on Composite Structures : Portugal, Porto 2009 / ? p

**Degradation of ceftriaxone in aqueous solution by heterogeneous photo-activated persulfate system [Online resource]**  
**Kattel, Eneliis; Balpreet Kaur; Trapido, Marina; Dulova, Niina** EMEC18 : Chemistry Towards an Infinite Environment, 18th European Meeting on Environmental Chemistry : book of abstracts 2017 / p. 108 : ill [http://www.europeanace.com/file\\_download/82](http://www.europeanace.com/file_download/82)

**Degradation of nitroaromatics with the Fenton reagent**  
**Trapido, Marina; Dello, Ave; Goi, Anna; Munter, Rein** Proceedings of the Estonian Academy of Sciences. Chemistry 2003 / 1, p. 38-47 : ill

**Degradation of nitrophenols with the Fenton reagent**  
**Trapido, Marina; Goi, Anna** Proceedings of the Estonian Academy of Sciences. Chemistry 1999 / 4, p. 163-173

**Degradation of persistent micropollutants in suspended-bed reactor by photocatalytic oxidation and combination of biological treatment with photocatalysis = Püsivate mikrosaaasteainete lagundamine keevkihtreaktoris fotokatalüütilise oksüdatsiooniga ning bioloogilise oksüdatsiooni kombineerimine fotokatalüüsiga**  
**Pronina, Natalja** 2017 <https://digi.lib.ttu.ee/i/?7661> [https://www.ester.ee/record=b4671593\\*est](https://www.ester.ee/record=b4671593*est)

**Degradation of pharmaceutical and personal care products using sewage sludge composting**  
**Haiba, Egge; Nei, Lembit** LINNAEUS ECO-TECH 2018 : International conference on natural sciences and technologies for waste and wastewater treatment remediation emissions related to climate environmental and economic effects : The Eleventh International Conference on the Establishment of Cooperation between Companies and Institutions in the Nordic Countries, the Baltic Sea Region, and the World : book of abstracts 2018 / p. 125 <https://open.lnu.se/index.php/eco-tech/issue/view/59/Full%20issue>

**Degradation of polycyclic aromatic hydrocarbons in soil : the Fenton reagent versus ozonation**  
**Goi, Anna; Trapido, Marina** Environmental technology 2004 / p. 155-164 : ill

**Degradation of propoxycarbazone-sodium with advanced oxidation processes**  
**Dulov, Aleksandr; Dulova, Niina; Veressinina, Jelena; Trapido, Marina** Water science & technology : water supply 2011 / p. 129-134

**Degradation of salicylic acid by Fenton and modified Fenton treatment**  
**Goi, Anna; Veressinina, Jelena; Trapido, Marina** Chemical engineering journal 2008 / [9] p. : ill  
<https://www.sciencedirect.com/science/article/pii/S1385894708000302>

**Degradation of salicylic acid by means of ozonation and advanced oxidation processes**  
**Goi, Anna; Veressinina, Jelena;** Dzitsjuk, I.; **Trapido, Marina** 2007 World Congress on Ozone and Ultraviolet Technologies : August 27-29, 2007, Los Angeles, California USA 2007 / p. Abs.126

**A demineralized osteostracan fossil from the Silurian Kalana Lagerstätte of Estonia : revealing its internal anatomy and uncovering a unique type of fossilization**  
Tinn, Oive; Lang, Liisa; **Märss, Tiiu;** Vahur, Signe; Kirsimäe, Kalle Lethaia 2022 / 13 p. : ill <https://doi.org/10.1111/let.12452> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Design and manufacturing of composite laminates with structural health monitoring capabilities**  
**Herranen, Henrik; Majak, Jüri; Tšukrejev, Pavel; Karjust, Kristo; Märten, Olev** Procedia CIRP 2018 / p. 647-652 : ill  
<https://doi.org/10.1016/j.procir.2018.03.128> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Development of HPLC and MEKC methods for the analysis of sulfur mustard cyclic degradation products**

**Lees, Heidi; Kaljurand, Mihkel; Vaher, Merike** 40th International Symposium on Capillary Chromatography and 13th GC×GC Symposium : May 29 - June 03, 2016, Riva del Garda Fierecongressi, Riva del Garda, Italy : abstract book 2016 / p. 255

### **2,4-xylydine degradation with ozonation : mass transfer and reaction kinetics**

Reinik, Janek; **Jakobsson, Kaj**; Kallas, Juha Ozone : science & engineering 2004 / 5, p. 499-509

### **2,4-xylydine degradation with ozonation : mass transfer and reaction kinetics**

Reinik, Janek; **Jakobsson, Kaj**; Kallas, Juha IOA-EA3G : International Conference in Conjunction with Wasser-Berlin-2003 2003 / p. 435-445

### **Efficient photoelectrocatalytic degradation of amoxicillin using nano-TiO<sub>2</sub> photoanode thin films : a comparative study with photocatalytic and electrocatalytic methods**

Alaydaroos, Alia Husain; **Sydorenko, Jekaterina**; Palanisamy, Selvakumar; Chiesa, Matteo; Al Hajri, Ebrahim Chemosphere 2023 / art. 139629 <https://doi.org/10.1016/j.chemosphere.2023.139629> Journal metrics at Scopus Article at Scopus

### **Elementary mathematical approach to protein degradation process in cheese**

Laht, Tiiu-Maie Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 51

### **Esilekerkivate ravimite lagundamine süvaoksüdatsiooniprotsessidega vees/reovees : võrdlev uuring**

**Epold, Irina; Veressinina, Jelena; Trapido, Marina** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 21

### **Extent of carbonate decomposition in CFB boiler firing oil shale with different properties**

**Plamus, Kristjan** 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 39-43 : ill

### **Extent of carbonate decomposition in CFB boilers firing Estonian oil shale**

**Arro, Hendrik; Pihu, Tõnu; Prikk, Arvi; Rootamm, Rein** Circulating Fluidized Bed Technology IX : proceedings of the 9th International Conference on Circulating Fluidized Beds in conjunction with 4th International VGB Workshop "Operating Experience with Fluidized Bed Firing Systems" : May 13-16, 2008, Hamburg, Germany 2008 / p. 595-599 : ill  
[https://www.researchgate.net/publication/289667079\\_Extent\\_of\\_carbonate\\_decomposition\\_in\\_CFB\\_boilers\\_firing\\_estonian\\_oil\\_shale](https://www.researchgate.net/publication/289667079_Extent_of_carbonate_decomposition_in_CFB_boilers_firing_estonian_oil_shale)

### **Faaside lahutamise glaukoniidi happelisel töötlemisel**

**Viisimaa, Ludmilla; Kuusik, Rein, keemik** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 158

### **Genetic potential of indigenous bacteria : degradation of phenolic compounds in polluted river water**

Heinaru, E.; Laht, T.; Talpsep, E.; Heinaru, A. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 19

### **Horizontal transfer of released phe-genes in the wild**

Peters, M.; Talpsep, E.; Heinaru, E.; Heinaru, A.; Nurk, A. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 29

### **Hydrogen peroxide photolysis, Fenton reagent and photo-Fenton for the degradation of nitrophenols : a comparative study**

**Goi, Anna; Trapido, Marina** Chemosphere 2002 / p. 913-922 : ill <https://www.sciencedirect.com/science/article/pii/S004565350100203X>

### **Influence of sulfur dioxide on decomposition of oil shale mineral matter**

**Ots, Arvo; Pihu, Tõnu; Hlebnikov, Aleksandr; Arro, Hendrik** Oil shale 2001 / 4, p. 298-306 : ill  
[https://artiklid.elnet.ee/record=b1008449\\*est](https://artiklid.elnet.ee/record=b1008449*est)

### **Katalüütiline osoonimine orgaaniliste saasteainete lagundamiseks**

Dello, Ave; **Trapido, Marina; Veressinina, Jelena** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 20-21

### **Kinetic modelling of wet oxidation treated debarking water**

**Kindsigo, Merit; Hautaniemi, Marjaana; Kallas, Juha** Proceedings of the Estonian Academy of Sciences 2010 / 3, lk. 233-242 : ill

### **Klooreeritud metaani derivaatide lagundamisest gaasifaasis raudkatalüsaatoril**

**Preis, Sergei; Kallas, Juha** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 104-105

### **Klooreeritud metaani derivaatide lagundamisest gaasifaasis raudkatalüsaatoril mõõdukatel tingimustel**

**Preis, Sergei;** Magrini-Bair, K.; Wolfrum, E.; **Kallas, Juha** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 104

**Low-temperature supercritical conversion of Kukersite oil shale**

**Fomitšov, Mihhail** Oil shale 2019 / p. 171–178 : ill [http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_2S/OS-2019-2S-171-178.pdf](http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-171-178.pdf)  
<https://doi.org/10.3176/oil.2019.2S.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mechanical recycling of compounded plastic waste for material valorization by briquetting**

**Kers, Jaan;** Križan, P.; Letko, M. Baltic Polymer Symposium 2009 : Ventspils, Latvia, September 22-25 : programme and proceedings 2009 / p. 22

**Mikroloomakasvatuse mured**

**Pikkov, Lui** Horisont 1987 / lk. 7-8 [https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est) <https://www.digar.ee/arhiiv/et/periodika/69811>

**Monitoring biomass degradation, isomerization of glucose to fructose and conversion to 5-HMF in ionic liquids by CE**

**Aid, Tiina; Lopp, Margus; Vaher, Merike** 40th International Symposium on Capillary Chromatography and 13th GC×GC Symposium : May 29 - June 03, 2016, Riva del Garda Fierecongressi, Riva del Garda, Italy : abstract book 2016 / p. 271

**Nitroaromaatsete ühendite lagundamine Fentoni reaktiiviga**

Dello, Ave; **Goi, Anna; Trapido, Marina** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 18-19

**Nitrofenoolide lagundamine Fentoni reaktiiviga ning vesinikperoksiidi fotolüüsiga**

**Goi, Anna; Trapido, Marina** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 29-30

**A novel endoribonuclease from the marine sponge Tethya aurantium specific to 2',5'-phosphodiester bonds**

**Lopp, Margus; Reintamm, Tõnu; Kuusksalu, Anne;** Rosa, Salvatore, de; **Kelve, Merike** Biochimie 2012 / p. 1635-1646 : ill <https://doi.org/10.1016/j.biochi.2012.04.002> <https://www.sciencedirect.com/science/article/pii/S0300908412001368>

**Ozonation and the Fenton reagent for the degradation of nitroaromatic compounds**

**Goi, Anna; Trapido, Marina; Veressinina, Jelena; Kallas, Juha; Munter, Rein** International Conference on Ozone in Global Water Sanitation, Amsterdam, the Netherlands, October 1st to October 3rd 2002 : proceedings 2002 / p. IV-2-1 - IV-2-16

**Oxidative decomposition of benzoic acid in the presence of metal ionic catalysts**

**Munter, Rein; Trapido, Marina; Veressinina, Jelena** Proceedings of the Estonian Academy of Sciences. Chemistry 2005 / 1, p. 16-23 : ill

**Oxidative degradation of vancomycin by UV and pulsed corona discharge in combination with oxidants: hydrogen peroxide, peroxymonosulfate and peroxydisulfate**

**Nikitin, Dmitri; Kaur, Balpreet; Preis, Sergei; Dulova, Niina** GEET International Conference : Green Energy and Environmental Technology : Abstract Book 2022 / 1 I. <https://scik.eu/Rome2022/GrAbBo.php>

**Photocatalytic degradation of trimethoprim enhanced by organic aerogels**

**Bolobajev, Juri; Kreek, Kristiina; Koel, Mihkel; Goi, Anna** 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 110 [https://photo-catalysis.org/events/901/photo/book\\_of\\_proceedings\\_eaaop5\\_prague.pdf](https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf)

**Photocatalytical oxidation of aromatic aminocompounds**

**Preis, Sergei; Kritševskaja, Marina; Hartšenko, Anna** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 120

**Photochemical degradation and mineralization of amoxicillin in different water matrices [Online resource]**

**Kattel, Eneliis; Balpreet Kaur; Trapido, Marina; Dulova, Niina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

**Production of a recombinant swollenin from Trichoderma harzianum in Escherichia coli and its potential synergistic role in biomass degradation**

Santos, Clelton A.; Ferreira-Filho, Jaire A.; O'Donovan, Anthonia; **Gupta, Vijai Kumar;** Tuohy, Maria G.; Souza, Anete P. Microbial cell factories 2017 / art. 83, 11 p. : ill <https://doi.org/10.1186/s12934-017-0697-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Refined coagulant for water purification from Estonian glauconite. 1, Digesting glauconite with sulphuric acid in slurries**

**Kuusik, Rein, keemik; Viisimaa, Ludmilla; Aasamäe, Ernst** Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 1/2, p. 42-55

### **Role of bacterial-fungal consortium for enhancement in the degradation of industrial dyes**

Mawad, Asmaa M.M.; Hesham, Abd El-Latif, Yousef, Naiema M.H.; Shoreit, Ahmed Abdelfattah Mohamed; **Gathergood, Nicholas; Gupta, Vijai Kumar** Current genomics 2020 / p. 283 - 294 <https://doi.org/10.2174/1389202921999200505082901> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Separation of phases by acidic treatment of glaukonite**

**Viisimaa, Ludmilla; Kuusik, Rein, keemik** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 166

### **Sonolytic degradation of chlorophene enhanced by Fenton-mediated oxidation and H<sup>•</sup>-scavenging effect**

**Bolobajev, Juri; Goi, Anna** Chemical engineering journal 2017 / p. 904-914 : ill <https://doi.org/10.1016/j.cej.2017.07.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Steady-state phenol degradation in a fluidized-bed bioreactor by immobilized cells of Pseudomonas putida**

**Randla, Tiina; Tiisler, Lilian; Käär, Arvo; Vilu, Raivo** Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 84

### **Sustainable phenylalanine-derived sails for solubilization of polycyclic aromatic hydrocarbons**

**Kapitanov, Illia; Sudheer, Surya; Yadav, Toshikee;** Ghosh, Kallol K.; Gathergood, Nicholas; **Gupta, Vijai Kumar; Karpichev, Yevgen** Molecules 2023 / art. 4185 : ill <https://doi.org/10.3390/molecules28104185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Süsiniktetrakloriidi lagundamine rauaga gaasifaasis**

**Preis, Sergei;** Magrini, Kimberly A.; Wolfrum, E.J. XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 136

### **Süsiniktetrakloriidi lagundamisest rauasulamil mõdukates katsetingimustes**

**Preis, Sergei;** Magrini, K.; Wolfrum, E.; **Bankier, Siret; Kallas, Juha** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 116-117

### **ZnO/TiO<sub>2</sub>/Sb<sub>2</sub>S<sub>3</sub> core-shell nanowire heterostructure for extremely thin absorber solar cells**

Parize, Romain; **Katerski, Atanas; Gromoko, Inga;** Rapenne, Laetitia; Roussel, Hervé; **Kärber, Erki;** Appert, Estelle; **Krunks, Malle;** Consonni, Vincent Journal of physical chemistry C 2017 / p. 9672-9680 : ill <https://doi.org/10.1021/acs.jpcc.7b00178> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Temperatuuri mõju tasakaalule süsteemis apatiit - SO<sub>2</sub> (termodünaamilised arvutused)**

**Manuilova, Anastassia; Tõnsuaadu, Kaia** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 83-84

### **TG-FTIR/MS analysis of thermal and kinetic characteristics of some coal samples**

**Kaljuvee, Tiit; Keelman, Merli; Trikkel, Andres;** Petkova, Vilma ICTAC 15 - 15th International Congress on Thermal Analysis and Calorimetry : August 20-24, 2012, Osaka 2012 [https://www.researchgate.net/publication/257616213\\_TG-FTIRMS\\_analysis\\_of\\_thermal\\_and\\_kinetic\\_characteristics\\_of\\_some\\_coal\\_samples](https://www.researchgate.net/publication/257616213_TG-FTIRMS_analysis_of_thermal_and_kinetic_characteristics_of_some_coal_samples)

### **Thermal decomposition of tris(O-ethylthiocarbonato)-antimony(III) - a single-source precursor for antimony sulfide thin films**

**Eensalu, Jako Siim; Tõnsuaadu, Kaia; Adamson, Jasper; Oja Acik, Ilona; Krunks, Malle** Journal of thermal analysis and calorimetry 2022 / p. 4899-4913 : ill <https://doi.org/10.1007/s10973-021-10885-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Thermooxidative decomposition of oil shales**

**Kaljuvee, Tiit; Keelmann, Merli; Trikkel, Andres; Kuusik, Rein, keemik** Journal of thermal analysis and calorimetry 2011 / p. 395-403

### **О механизме низкотемпературного разложения сланца-кукерсита**

**Aarna, Agu; Rikken, Juta** Сборник статей по химии и технологии горючего сланца. 4 1958 / с. 53-67 : ил [https://www.ester.ee/record=b2181270\\*est](https://www.ester.ee/record=b2181270*est) <https://digikogu.taltech.ee/et/Item/9e663eaf-55f5-4ab2-9ec1-85514c07981d>

### **Tuhamägede heitvee fenoolsete ühendite mikrobioloogiline lagundamine**

Heinaru, E.; Talpsep, E.; Laht, T.; Heinaru, A. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 19-21

### **Täiustatud oksüdatsiooniprotsessid aromaatsete ja polüaromaatsete süsivesinike lagundamiseks : kineetika ja reaktsiooniproduktid**

Trapido, Marina; **Veressinina, Jelena** XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 137-139

## Validation of conventional and retracked Sentinel-3 observations along the Norwegian coast

Mostafavi, Majid; Jahanmard, Vahidreza; Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Nordic

Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 27 I.

<https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

## Wet air oxidation of oil shale = Põlevkivi oksüdeerimine vees hapniku mõjul

Kaldas, Kristiina 2021 [https://www.ester.ee/record=b5472528\\*est](https://www.ester.ee/record=b5472528*est) <https://digikogu.taltech.ee/et/Item/7b9a99ef-0748-4eef-beb7-9f0ac88f5ddb>

<https://doi.org/10.23658/taltech.59/2021>

## Изотермы-изохроны разложения апатита с применением избытка серной кислоты

Rebane, Anne; Veiderma, Mihkel; Aasamäe, Ernst Всесоюзное совещание по фосфатам : тезисы 1-3 1971 / с. 400

## Изотермы-изохроны разложения апатита серной кислотой

Veiderma, Mihkel; Rebane, Anne; Ravasoo, R.; Uusma, H. Процессы и аппараты химической технологии и технология

неорганических веществ. 3 1972 / с. 87-96 : илл [https://www.ester.ee/record=b1531312\\*est](https://www.ester.ee/record=b1531312*est) [https://digikogu.taltech.ee/et/Item/e448e56a-](https://digikogu.taltech.ee/et/Item/e448e56a-a020-4c7c-8723-e0214721d71b/)

[a020-4c7c-8723-e0214721d71b/](https://doi.org/10.23658/taltech.59/2021)

## Исследование азотнокислотного разложения тоолсеского фосфорита

Aasamäe, Ernst; Veiderma, Mihkel; Kudrjavitseva, Jelena Неорганическая химия и технология. 1 1980 / с. 3-11 : илл

[https://www.ester.ee/record=b2191026\\*est](https://www.ester.ee/record=b2191026*est) <https://digikogu.taltech.ee/et/Item/130509c0-2687-471a-a9f8-1501114a266e>

## Исследование влияния примесей на фосфорнокислотное разложение фосфорита в незагустевающих пульпах

Aasamäe, Ernst-Eduard; Veiderma, Mihkel Процессы и аппараты химической технологии и технологии неорганических

веществ. 1 1969 / с. 77-88 : илл [https://www.ester.ee/record=b1304968\\*est](https://www.ester.ee/record=b1304968*est) [https://digikogu.taltech.ee/et/Item/776d7a60-8e51-4e74-b6db-](https://digikogu.taltech.ee/et/Item/776d7a60-8e51-4e74-b6db-8995a4e621b0/)

[8995a4e621b0/](https://doi.org/10.23658/taltech.59/2021)

## Исследование обжига и азотнокислотного разложения обожженных фосфоритов Эстонской ССР

Veskimäe, Helgi; Veiderma, Mihkel; Aasamäe, Ernst; Kuusik, Rein, keemik Неорганическая химия и технология. 1 1980 / с.

13-20 : илл [https://www.ester.ee/record=b2191026\\*est](https://www.ester.ee/record=b2191026*est) <https://digikogu.taltech.ee/et/Item/130509c0-2687-471a-a9f8-1501114a266e>

## Исследование фосфорно-кислотного разложения Маардуского фосфоритного концентрата в незагустевающих пульпах

Aasamäe, Ernst; Veiderma, Mihkel; Rebane, Anne Труды научно-технической конференции "Оболовые фосфориты как

сырье для химической промышленности" : [14-16 июня 1967 г.] 1968 / с. 135-150 : илл [https://www.ester.ee/record=b1410006\\*est](https://www.ester.ee/record=b1410006*est)

## О пенообразовании при азотнокислотном разложении фосфоритов Прибалтики

Aasamäe, Ernst; Saar, Veera; Veiderma, Mihkel Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy

of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1989 / с. 1-5 : илл

[https://www.ester.ee/record=b1264984\\*est](https://www.ester.ee/record=b1264984*est)

## О потерях HNO<sub>3</sub> газами при азотнокислотном разложении фосфатов Прибалтики

Aasamäe, Ernst; Saar, Veera Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the

Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1989 / с. 145-149 : илл

[https://www.ester.ee/record=b1264984\\*est](https://www.ester.ee/record=b1264984*est)

## Об эффективности термических методов обработки фосфоритов в процессах их кислотного разложения

Aasamäe, Ernst; Veiderma, Mihkel; Veskimäe, Helgi Тезисы докладов и сообщений научно-технического семинара "Обжиг и

обесфторивание природных фосфатов" с 10 по 12 июня 1975 года 1975 / с. 36-37 [https://www.ester.ee/record=b1314182\\*est](https://www.ester.ee/record=b1314182*est)

## Особенности азотнокислотного разложения Тоолсеского фосфорита

Aasamäe, Ernst-Eduard; Veiderma, Mihkel; Kudrjavitseva, Jelena XII Всесоюзная научно-техническая конференция по

технологии неорганических веществ и минеральных удобрений (Чимкент, 1981). Ч. 1 1981 / с. [365-366]

## Особенности азотнокислотного разложения фосфоритов Прибалтики

Kudrjavitseva, Jelena; Aasamäe, Ernst-Eduard; Veiderma, Mihkel Проблемы рационального использования фосфатного

сырья и интенсификация технологических процессов : тезисы докладов совещания, 14-16 нояб. 1989 г. 1989 / с. 44-45

## Получение нитроаммофоски азотнокислотным разложением фосфорита месторождения Тоолсе

Aasamäe, Ernst; Veiderma, Mihkel; Kudrjavitseva, Jelena XII Всесоюзная научно-техническая конференция по технологии

неорганических веществ и минеральных удобрений, (Чимкент, 1981 г.). Ч. 1 1981 / с. [366-368]

## Получение нитрофоски из Раквереских фосфоритов азотнокисотно-сульфатным способом

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 1985 / с. 165-169

[https://www.ester.ee/record=b1264984\\*est](https://www.ester.ee/record=b1264984*est)

## Получение нитрофоски из Эстонских фосфоритов азотно-сернокислотным способом

Kudrjajtseva, Jelena; **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 1987 / с. 93-97 : ил [https://www.ester.ee/record=b1264984\\*est](https://www.ester.ee/record=b1264984*est)

**Потери HNO<sub>3</sub> в газовую фазу при азотно-сернокислотном разложении фосфатного сырья**

**Kudrjajtseva, Jelena; Aasamäe, Ernst-Eduard; Veiderma, Mihkel** XVI научно-техническая конференция молодых специалистов, посвященная XXVII съезду КПСС : тезисы докладов 1986 / с. 22-23

**Потери азотной кислоты при азотно-сернокислотном разложении фосфатного сырья**

**Kudrjajtseva, Jelena; 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 1986 / с. 1-6 [https://www.ester.ee/record=b1264984\\*est](https://www.ester.ee/record=b1264984*est)

**Разложение озона в биологически очищенной сточной воде**

**Munter, Rein; Siirde, Enno** Химия и технология воды : научно-технический ежемесячный журнал 1986 / с. 32-34 [https://www.ester.ee/record=b1833703\\*est](https://www.ester.ee/record=b1833703*est)

**Разложение озона в водном растворе**

**Munter, Rein** Химия и технология воды : научно-технический ежемесячный журнал 1985 / с. 13-17 : ил [https://www.ester.ee/record=b1833703\\*est](https://www.ester.ee/record=b1833703*est)

**Разложение фторсодержащих жидкостей под действием частичных разрядов**

**Metusala, Tiit; Pajuste, O.** Энергетические системы : сборник статей. 4 1971 / с. 81-86 : илл [https://www.ester.ee/record=b2190160\\*est](https://www.ester.ee/record=b2190160*est) <https://digikogu.taltech.ee/et/Item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

**Скорость разложения озона в водных растворах**

**Kamenev, Sven** VI Республиканская конференция молодых ученых-химиков : тезисы докладов 1986 / с. 57 [https://www.ester.ee/record=b1232928\\*est](https://www.ester.ee/record=b1232928*est)

**Скорость разложения озона в водных растворах с органическими примесями**

**Preis, Sergei** VI Республиканская конференция молодых ученых-химиков : тезисы докладов 1985 / с. 56 [https://www.ester.ee/record=b1232928\\*est](https://www.ester.ee/record=b1232928*est)

**Скорость разложения озона в различных водах**

**Raukas, Maie; Siirde, Enno; Kilm, S.** Сборник статей по химии и химической технологии. 9 1962 / с. 219-232 : илл [https://www.ester.ee/record=b2181586\\*est](https://www.ester.ee/record=b2181586*est) <https://digikogu.taltech.ee/et/Item/d0996552-6e32-425c-a38e-d8f33ab8faf6>

**Ускоренный метод определения степени разложения фосфорита в фосфорнокислой пульпе**

**Aasamäe, Ernst** Техническая и экономическая информация. Серия. Методы анализа контроля и регулирования производства в химической промышленности 1969 / с. [24-26]

**Утилизация фтора и редкоземельных элементов при азотнокислотной переработке эстонских фосфоритов**

**Viisimaa, Ludmilla; Aasamäe, Ernst-Eduard; Kudrjajtseva, Jelena** Труды Всесоюзной конференции «Современные проблемы химической технологии», Красноярск, 1986. Т. 2 1986 / с. 240-241

**Фосфорнокислотное разложение оболочковых фосфоритов**

**Aasamäe, Ernst; Veiderma, Mihkel** Химическая промышленность 1971 / с. 56-61 : ил [https://www.ester.ee/record=b1438865\\*est](https://www.ester.ee/record=b1438865*est)