

#### **Accelerated carbonation technology granulation of industrial waste : effects of mixture composition on product properties**

**Berber, Hakan; Tamm, Kadriann; Leinus, Mari-Liis; Kuusik, Rein, keemik; Tõnsuaadu, Kaia; Paaver, Peeter; Uibu, Mai** Waste management & research 2020 / p. 142-155 <https://doi.org/10.1177/0734242X19886646> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Accelerated carbonation treatment of industrial wastes: physicochemical, environmental and economic aspects = Tööstusjäätmete töötlemine kiirendatud karboniseerimismeetodil: füüsikalis-keemilised, keskkonnaalased ja majanduslikud aspektid**

**Berber, Hakan** 2020 <https://digikogu.taltech.ee/et/Item/e6d57289-35ba-46fc-9c05-c9ac6f982bf0>

#### **Aggregate production from burnt oil shale and CO<sub>2</sub> - an Estonian perspective**

**Berber, Hakan; Tamm, Kadriann; Leinus, Mari-Liis; Kuusik, Rein, keemik; Uibu, Mai** Oil Shale 2019 / p. 431-447 : ill <https://doi.org/10.3176/oil.2019.3.05> [http://www.kirj.ee/32493/?tpl=1061&c\\_tpl=1064](http://www.kirj.ee/32493/?tpl=1061&c_tpl=1064) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Anorgaaniliste materjalide keemia ja tehnoloogia keskkonnaobjektide analüüs**

**Põldme, Juta** 1994 [https://www.ester.ee/record=b1066839\\*est](https://www.ester.ee/record=b1066839*est)

#### **Behaviour mechanisms and correlation between lead (Pb) and its isotope <sup>210</sup>Pb in industrial residue as an indicator for waste characterization**

**Vaasma, Taavi; Bitjukova, Liidia; Kiisk, Madis; Özden, Banu; Tkaczyk, Alan Henry** Environmental technology 2016 / p. 3208-3218 : ill <https://doi.org/10.1080/09593330.2016.1181673> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Biodegradability of deep eutectic solvents in treatment of pomace fruits**

**Usmani, Zeba; Husanu, Elena; Gathergood, Nicholas; Guazzelli, Lorenzo; Pomelli, Christian; Karpichev, Yevgen** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 156

#### **Biogaasi tootmisest Eestis ning biogaasi tootmisel tekkiva kääritusjäägi ja vedelsõnniku väetusomaduste võrdlus**

**Pitk, Peep** Piimafoorum 2013 2013 / lk. 42-45 : fot

#### **Calcium extraction from Estonian industrial ash based on ammonium solvents for production of precipitated calcium carbonate**

**Tamm, Kadriann; Viires, Regiina; Žuravljova, Anastassia; Otto, Kätlin; Kuusik, Rein, keemik; Uibu, Mai** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 28-29 : ill [http://www.ester.ee/record=b4751282\\*est](http://www.ester.ee/record=b4751282*est)

#### **Calcium extraction from Estonian industrial wastes based on ammonium solvents**

**Tamm, Kadriann; Viires, Regiina; Kuusik, Rein, keemik; Uibu, Mai** Energy and sustainability VII 2018 / p. 465-476 : ill <https://doi.org/10.2495/ESUS170431> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Calcium-aluminothermal production of niobium and utilization of wastes = Nioobiumi tootmine kaltsium-alumotermilisel meetodil ja jäätmete utiliseerimine**

**Gorkunov, Valeri** 2008 <https://digi.lib.ttu.ee/i/?295> [https://www.ester.ee/record=b2449478\\*est](https://www.ester.ee/record=b2449478*est)

#### **Carbonation of steel slag and gypsum for building materials and associated reaction mechanisms**

**Wang, Xue; Ni, Wen; Li, Jiajie; Zhang, Siqi; Hitch, Michael William; Pascual, Rodrigo** Cement and Concrete Research 2019 / art. 105893, 12 p. : ill <https://doi.org/10.1016/j.cemconres.2019.105893> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Cellular structures from perforated metallic tape and its application for electromagnetic shielding solutions**

**Mironovs, V.; Lisicins, Mihails; Koppel, Tarmo** Agronomy research 2014 / p. 279-284 : ill <https://agronomy.emu.ee/tag/including-built-in-buildings-coll-et-al/> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Cellular tubular structures from perforated metallic tape and its application**

**Mironovs, Viktors; Boiko, Irina; Koppel, Tarmo; Lisicins, Mihails** Agronomy research 2016 / p. 1053-1062 : ill [http://ise.elnet.ee/record=b2891944~S1\\*est](http://ise.elnet.ee/record=b2891944~S1*est) [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Characterization of sulfate reducing bacteria in anaerobic sludge from yeast industry waste treatment unit by 16S rDNA PCR amplification**

**Menert, Anne; Paalme, Viuu; Svintsova, J.; Vilu, Raivo** NATO Advanced Research Workshop : Bioremediation of Soils Contaminated with Aromatic Compounds : Effects of Rhizosphere Bioavailability, Gene Regulation and Stress Adaption : 1-3 July 2004, Tartu, Estonia 2004 / p. 34

**CO<sub>2</sub> mineralisation : concept for co-utilization of oil shale energetics waste streams in CaCO<sub>3</sub> production**

Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik Energy procedia 2013 / p. 5921-5928 : ill

<https://www.sciencedirect.com/science/article/pii/S18766102130007613> <https://doi.org/10.1016/j.egypro.2013.06.518> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**CO<sub>2</sub> mineralisation : production of CaCO<sub>3</sub>-type material in a continuous flow disintegrator-reactor**

Velts, Olga; Kindsigo, Merit; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik Energy procedia 2014 / p. 5904-5911 : ill

<https://doi.org/10.1016/j.egypro.2014.11.625> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**CO<sub>2</sub> mineralization by burnt oil shale and cement bypass dust : effect of operating temperature and pre-treatment**

Yörük, Can Rüstü; Uibu, Mai; Usta, Mustafa Cem; Kaljuvee, Tiit; Triikkel, Andres Journal of thermal analysis and calorimetry

2020 / p. 991–999 : ill <https://doi.org/10.1007/s10973-020-09349-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**CO<sub>2</sub> mineralization by burnt oil shale and cement bypass dust: effect of operating temperature and pre-treatment**

Yörük, Can Rüstü; Uibu, Mai; Usta, Mustafa Cem; Kaljuvee, Tiit; Triikkel, Andres 2nd Journal of Thermal Analysis and

Calorimetry Conference, Budapest, June 18–21, 2019 : book of abstracts 2019 / p. 501 <https://jtac-jtacc.akcongress.com/>

**CO<sub>2</sub> mineralization in cement sector : Lab scale experiments on burnt oil shale and concrete demolition wastes**

Uibu, Mai; Usta, Mustafa Cem; Tamm, Kadriann; Žuravljova, Anastassia; Kallas, Juha; Kuusik, Rein, keemik; Triikkel, Andres

enos-project.eu 2018 / 18 p. : ill <http://www.enos-project.eu/highlights/conference/basreccs-enos-workshop/> [http://www.enos-project.eu/media/15321/8-basreccs-enos\\_muibu.pdf](http://www.enos-project.eu/media/15321/8-basreccs-enos_muibu.pdf)

**Co-digestion of sewage sludge and sterilized solid slaughterhouse waste : methane production efficiency and process limitations**

Pitk, Peep; Kaparaju, Prasad; Palatsi, Jordi; Affes, Rim; Vilu, Raivo Bioresource technology 2013 / p. 227-232 : ill

<https://www.sciencedirect.com/science/article/pii/S0960852413002526> <https://doi.org/10.1016/j.biortech.2013.02.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Correction to: CO<sub>2</sub> mineralization by burnt oil shale and cement bypass dust: effect of operating temperature and pre-treatment (Journal of Thermal Analysis and Calorimetry, (2020), 142, 2, (991-999), 10.1007/s10973-020-09349-9)**

Yörük, Can Rüstü; Uibu, Mai; Usta, Mustafa Cem; Kaljuvee, Tiit; Triikkel, Andres Journal of Thermal Analysis and Calorimetry

2020 / p. 1001 <https://doi.org/10.1007/s10973-020-09973-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Determining biogas yield from industrial biodegradable waste = Biolagunevatest tootmisjäädikdest biogaasi saagise määramine**

Kuusik, Argo 2017 <https://digi.lib.ttu.ee/i/?77712> [https://www.ester.ee/record=b4680398\\*est](https://www.ester.ee/record=b4680398*est)

**Ecological approaches to treatment of wastewater from potato processing**

Merisaar, Maret Ecological engineering for wastewater treatment. 2nd ed 1997 / p. 377-380: ill

**Effect of enzymellassisted hydrolysis on brewer's spent grain protein solubilization – peptide composition and sensory properties**

Kriisa, Merike; Taivosalo, Anastassia; Föste, Maike; Kütt, Mary-Liis; Viirma, Maret; Priidik, Reimo; Korzeniowska, Malgorzata;

Tian, Ye; Laaksonen, Oskar; Yang, Baoru; Vilu, Raivo Applied Food Research 2022 / art. 100108

<https://doi.org/10.1016/j.afres.2022.100108>

**Effect of preparation biotreat 100 on anaerobic digestion of food industry waste : a microcalorimetric view**

Menert, Anne; Liiders, Maris; Kurissoo, Tõnu; Vilu, Raivo Microbiological Safety of Food : joint conference organized by Society for Applied Microbiology (UK), World Health Organization and Estonian Society for Microbiology : 10-11 May 2000, Tartu, Estonia 2000 / I. 61

**Efforts in oil shale ash indirect carbonation accompanied by PCC-type material formation**

Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik Proceedings of the 4th International Conference on Accelerated

Carbonation for Environmental and Materials Engineering : ACEME 2013 : April 9-12, 2013, Leuven, Belgium 2013 / p. 341-348 : ill

**Enhancement of methane productivity of anaerobic reactors of wastewater treatment plants**

Kuusik, Aare; Loigu, Enn; Sokk, Olev; Kuusik, Argo World Academy of Science, Engineering and Technology : International Science Index 2012 / p. 1296-1298

**Equilibriums in aqueous carbonation of oil shale waste**

Tamm, Kadriann; Uibu, Mai; Kallaste, Priit; Kuusik, Rein, keemik; Kallas, Juha TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

**Evaluation of ecotoxicological effects related to oil shale industry**

Pöllumaa, Lee 2004 [https://www.ester.ee/record=b1994276\\*est](https://www.ester.ee/record=b1994276*est)

**Evaluation of vapor pressures of 5-Methylresorcinol derivatives by thermogravimetric analysis**

Järvik, Oliver; Rannaveski, Rivo; Roo, Eke; Oja, Vahur Thermochimica acta 2014 / p. 198-205 : ill

<https://doi.org/10.1016/j.tca.2014.07.001> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Extraction of water-soluble phenols from shale-chemical process water**

Smirnova, A. A.; Grigorieva, Larisa; Ostroukhov, N. N. Solid fuel chemistry 2016 / p. 371-375 : ill

<https://doi.org/10.3103/S0361521916060100> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Fine aggregates produced from oil shale mining waste rock for backfilling the mined areas**

Tohver, Tarmo Проблемы недропользования / Санкт-Петербургский Государственный Горный Институт 2010 / 1, с. 104-106

[https://www.researchgate.net/publication/235941653\\_Fine\\_aggregates\\_produced\\_from\\_oil\\_shale\\_mining\\_waste\\_rock\\_for\\_backfilling\\_the\\_mined\\_areas](https://www.researchgate.net/publication/235941653_Fine_aggregates_produced_from_oil_shale_mining_waste_rock_for_backfilling_the_mined_areas)

**Fluidized bed combustion of oil shale retorting solid waste**

Martins, Ants; Pesur, A.; Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres; Pihu, Tõnu; Prikk, Arvi; Arro, Hendrik Abstracts

: Symposium on Oil Shale 2002, 18-21 November 2002, Tallinn, Estonia 2002 / p. 49 [https://www.ester.ee/record=b1703301\\*est](https://www.ester.ee/record=b1703301*est)

**Fluidized-bed combustion of oil shale retorting solid waste**

Kuusik, Rein, keemik; Martins, Ants; Pihu, Tõnu; Pesur, A.; Kaljuvee, Tiit; Prikk, Arvi; Trikkel, Andres; Arro, Hendrik Oil shale

2004 / 3, p. 237-248 : ill [https://artiklid.elnet.ee/record=b1016400\\*est](https://artiklid.elnet.ee/record=b1016400*est)

**Generalised intergation of solid waste treatment practices to enhance methane productivity, generate suspension fertiliser and upgrade biogas**

Kuusik, Argo; Kuusik, Aare; Pachel, Karin; Loigu, Enn; Sokk, Olev European scientific journal 2013 / p. 14-30 : ill

**Ida-Viru põlevkivi jäätmed aitaksid Tallinnal kaevanduste painest vabaneda [Võrguväljaanne]**

Lepassalu, Virko pealinn.ee 2021 ["Ida-Viru põlevkivi jäätmed aitaksid Tallinnal kaevanduste painest vabaneda "](https://www.ester.ee/record=b1703301*est)

**Influence of waste products from electricity and cement industries on the thermal behaviour of Estonian clay from Kunda deposit**

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Csaki, Štefan; Uibu, Mai; Jefimova, Jekaterina 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / OP1.19, p. 75

<http://estac12.org/download.php?f=../download/BoA%20ESTAC12.pdf>

**Influence of waste products from electricity and cement industries on the thermal behaviour of Estonian clay from Kunda deposit**

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Csaki, Štefan; Uibu, Mai; Jefimova, Jekaterina Journal of thermal analysis and calorimetry 2019 / p. 2635–2650 : ill <https://doi.org/10.1007/s10973-019-08319-0> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Juhtimisotsuste langetamine : kas praaktooted alla hinnata või parandada?**

Alver, Jaan Raamatupidamisuudised 2006 / 3, lk. 24-26

**Jäätmeist saab uus tooraine : Narva andis Ragn-Sellsi põlevkivituha väärimise tehasele loa [Võrguväljaanne]**

rohe.geenius.ee 2022 [Jäätmeist saab uus tooraine: Narva andis Ragn-Sellsi põlevkivituha väärimise tehasele loa](https://www.ester.ee/record=b1703301*est)

**"Keemilised ninad" aitavad puhastada keskkonda tööstusjäätmetest [Võrguväljaanne]**

novaator.err.ee 2019 / fot ["Keemilised ninad" aitavad puhastada keskkonda tööstusjäätmetest](https://www.ester.ee/record=b1703301*est)

**Keskkonda keemiliselt saastavate tööstusjäätmete utiliseerimisest**

Viisimaa, Matti; Luik, H. Комплексная переработка фосфатного сырья. Анализ природных и технических объектов 1989 / lk. 97-102

**Leaching of polycyclic aromatic hydrocarbons (PAHs) and heavy metals from the oil shale processing wastes and from waste-based products**

Jefimova, Jekaterina 2015 [https://www.ester.ee/record=b4474360\\*est](https://www.ester.ee/record=b4474360*est)

**Local mineral resources for local road construction, the usage of oil shale overburden in Estonia**

Gulevitš, Julia; Valgma, Ingo Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 221-223 : ill

**Lysine-production from the agricultural and industrial wastes**

Dunce, M.; Kalnina, R.; Alksnis, B. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 31

### **Market stakeholder analysis of the practical implementation of carbonation curing on steel slag for urban sustainable governance**

Li, Jiajie; Wang, Chenyu; Song, Xiaoqian; Jin, Xin; Zhao, Shaowei; Qi, Zihan; Zeng, Hui; Zhu, Sitao; Jiang, Fuxing; Ni, Wen; **Hitch, Michael William** Energies 2022 / art. 2399, 19 p. : ill <https://doi.org/10.3390/en15072399>

### **Marketable products derived from aluminium-containing industrial wastes**

11. uluslararası alüminyum sempozyumu : bildiriler kitabı = 11th international aluminium symposium : proceedings book 2023 / p. 263-269 [http://www.alusist.com/Content/ALUS11\\_Bildiriler\\_Kitabi.pdf](http://www.alusist.com/Content/ALUS11_Bildiriler_Kitabi.pdf)

### **MC technologies developed for waste materials**

**Uibu, Mai; Viires, Regiina; Kuusik, Rein, keemik** CO2 sequestration by ex-situ mineral carbonation 2017 / p. 91-131 : ill [https://doi.org/10.1142/9781786341600\\_0004](https://doi.org/10.1142/9781786341600_0004)

### **Metal powders produced by disintegrator milling from industrial wastes**

**Tümanok, Aleksei; Kulu, Priit; Goljandin, Dmitri** Abstract book of 4th ASM International Conference and Exhibition on the Recycling of Metals : Vienna, Austria, 1999 1999 / p. 20

### **Metal powders produced by disintegrator milling from the industrial wastes**

**Tümanok, Aleksei; Kulu, Priit; Goljandin, Dmitri** 4th ASM International Conference and Exhibition on the Recycling of Metals : book of proceedings : 17-18 June, 1999, the Forum Hotel Vienna, Vienna, Austria 1999 / p. 309-318 : ill

### **Occurrence of heavy metals in phosphate fertilizers and industrial wastes**

**Viisimaa, Ludmilla; Hödrejäv, Helvi; Kuusik, Rein, keemik**; Berezin, Grigori Kemia-kemi = [Finnish chemistry] 1991 / p. 970-971 [https://www.ester.ee/record=b1201067\\*est](https://www.ester.ee/record=b1201067*est)

### **Orthogonal test design for the optimization of preparation of steel slag-based carbonated building materials with ultramafic tailings as fine aggregates**

Li, Jiajie; Wang, Chengzhou; Ni, Wen; Zhu, Sitao; Mao, Shilong; Jiang, Fuxing; Zeng, Hui; Sun, Xikui; Huang, Bingxiang; **Hitch, Michael William** Minerals 2022 / art. 246, 19 p. : ill <https://doi.org/10.3390/min12020246>

### **OSAMAT - utilisation of oil shale ashes in road construction**

Ronkainen, Marjo; **Koroljova, Arina; Pototski, Aleksander**; Puhkim, Heinar; Lahtinen, Pentti; Kiviniemi, Olli WASCON 2012 : towards effective, durable and sustainable production and use of alternative materials in construction : 30 May–1 June, 2012, Gothenburg, Sweden 2012 / 10 p. : ill

### **OSAMAT - utilisation of oil shale ashes in road construction**

Ronkainen, Marjo; **Pototski, Aleksander**; Puhkim, Hendrik; Lahtinen, Pentti; Niemelin, Tarja The XXVIII International Baltic Road Conference : Vilnius, Lithuania, 26-28 August 2013 2013 / [10] p

### **Pilootseade teeb põlevkivijääkidest uue toote**

**Karu, Veiko** Inseneeria 2013 / lk. 36 : ill

### **Possibility of enhancing methane productivity in anaerobic reactors in the treatment of excess sludge from wastewater treatment plants**

**Kuusik, Argo; Loigu, Enn; Kuusik, Aare; Sokk, Olev** International journal of science and engineering investigations 2013 / p. 33-36

### **Pretreatment and usage of pulp and paper industry residues for fuels production and their energetic potential**

Menind, Andres; Oper, Liis; Hovi, Mart; **Kers, Jaan**; Tutt, Marti; Kikas, Timo Agronomy research 2012 / p. 149-155 : ill <https://agronomy.emu.ee/vol10Spec1/p10s116.pdf>

### **Pretreatment of plant feedstocks and agrofood waste using ionic liquids**

**Usmani, Zeba**; Sharma, Minaxi; **Karpichev, Yevgen; Gathergood, Nicholas**; Bhat, Rajeev; Gupta, Vijai Kumar Recent developments in bioenergy research 2020 / p. 393-413 <https://doi.org/10.1016/B978-0-12-819597-0.00021-0>

### **Processing of industrial metal scrap by mechanical means**

**Kulu, Priit; Tümanok, Aleksei** United Nations Economic Commission for Europe (UN ECE) Working Party on Steel : Seminar on the Processing, Utilization and Disposal of Waste in the Steel Industry : Balatonszeplak (Hungary), 3-6 June 1996 1996 / [9] p.: ill

### **Proteiinirikaste loomsete kõrvalsaaduste koostäitamine veiseläga : ressurs, biogaasi toodangu tõus ja kääritusjäätajad**

**Pitk, Peep** TEUK XV : taastuvate energiaallikate uurimine ja kasutamine : viieteistkümnenda konverentsi kogumik = Investigation and usage of renewable energy sources : fifteenth conference proceedings, Tartu, Estonia, 2013 2013 / lk. 33-43 : ill

### **Põlevkiviõli tootmisjäätmete käitlemisest**

**Reinsalu, Enno; Anepaio, Ain; Leiaru, Maris** Kaevandamine ja keskkond 2012 / lk. 63-69 : ill

#### **Recycling of niobium slag by disintegrator milling**

**Kulu, Priit; Goljandin, Dmitri; Külaviir, Jaan; Hain, Tiina;** Kivisto, Mart Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 97-102 : ill <https://www.scientific.net/KEM.799.97> [https://www.ester.ee/record=b5235278\\*est](https://www.ester.ee/record=b5235278*est) <https://doi.org/10.4028/www.scientific.net/KEM.799.97>  
[Conference proceeding at Scopus](#) [Article at Scopus](#)

#### **Recycling of nutrients from potato processing waste water**

**Merisaar, Maret** Proceedings of the second nordic workshop - Anaerobic Treatment of Municipal Solid Waste and Sludge for Energy Production and Recycling of Nutrients, 1-2 October 1992, Joensuu, Finland 1992

#### **Recycling of PA-12 in additive manufacturing and the improvement of its mechanical properties**

**Mägi, Piret; Krumme, Andres; Pohlak, Meelis** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 9-14 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.9> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Retreatment of industrial plastic wastes by high energy disintegrator mills**

**Kers, Jaan; Kulu, Priit** REWAS'04 : Global Symposium on Recycling, Waste Treatment and Clean Technology : [proceedings of the "Rewas'04", held in Madrid, Spain, September 26-29, 2004]. Volume III 2004 / p. 2795-2796 : ill

#### **Seened liha asemel ehk kuidas vähem tootes võiks 11 miljardit inimest ära toita? [Võrguväljaanne]**

postimees.ee 2022 "[Seened liha asemel ehk kuidas vähem tootes võiks 11 miljardit inimest ära toita?](#)"

#### **Tagasitöötamisega kaevandamistehnoloogia kontseptsioon**

**Pastarus, Jüri-Rivaldo; Adamson, Alo; Nikitin, Oleg;** Lohk, Martin Maapõue kasutamise arengud 2010 / lk. 29-32

#### **TalTechi keemikud saadavad tsemenditolmu koos süsinikdioksiidiga ringkasutusse**

**Uibu, Mai** Ehitaja 2021 / lk. 36 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est) <https://doi.org/10.1007/s10973-020-09349-9>

#### **Thermochemical characterization of chicken litter and peat as a source for energy recovery**

Petkova, Vilma; Serafimova, Ekaterina; **Kaljuvee, Tiit;** Pelovsky, Yoncho Journal of thermal analysis and calorimetry 2013 / p. 683-692 : ill <https://doi.org/10.1007/s10973-012-2771-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Triple benefit of manure and solid slaughterhouse waste rendering products co-digestion : simple concept, increased volumetric biogas production and fertilizer value**

**Pitk, Peep** ManuREsource 2013 : International conference on manure management and valorization, December 5-6 2013, Bruges, Belgium 2013

#### **Tööstusjäätmed energiaallikana**

**Koel, Mihkel; Kuusik, Rein, keemik** Taastuvate energiaallikate uurimine ja kasutamine : neljanda konverentsi kogumik = Investigation and usage of renewable energy sources : fourth conference proceedings : Tartu, Estonia, 2003 2003 / lk. 17-24

#### **Tööstusjäätmetest granuleeritud täitematerjali saamise optimeerimine ja produkti kvaliteedi hindamine**

**Leinus, Mari-Liis; Berber, Hakan; Tamm, Kadriann; Uibu, Mai** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 22

#### **Töötajate materiaalsest vastutusest praagi eest**

**Otsepp, Rein** Poliitilise ökonomia kateedri uurimusi. [1] 1967 / lk. 77-86 [https://www.ester.ee/record=b2273806\\*est](https://www.ester.ee/record=b2273806*est)  
<https://digikogu.taltech.ee/et/Item/587f0e3c-765a-4f4c-ab2b-9434f0d92ee3>

#### **Upgrading of Estonian shale oil heavy residuum bituminous fraction by catalytic hydroconversion**

**Luik, Hans; Luik, Lea; Johannes, Ille; Tiikma, Laine; Vink, Natalia; Palu, Vilja; Bitjukov, Mihhail; Tamvelius, Hindrek; Krasulina, Julia; Kruusement, Kristjan; Nechaev, Igor** Fuel processing technology 2014 / p. 115-122 : ill <https://doi.org/10.1016/j.fuproc.2014.02.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Utilisation of industrial metal scrap by mechanical means**

**Kulu, Priit; Tümanok, Aleksei; Mikli, Valdek** Proceedings of the Estonian Academy of Sciences. Engineering 1996 / p. 36-48 : ill

#### **Utilization of Estonian oil shale retorting solid waste**

**Triikkel, Andres; Kuusik, Rein, keemik** Proceedings of International conference on oil shale "Recent Trends in Oil Shale" : Amman, Jordan, 7-9.November 2006 2006 / [13] p

#### **Utilization of oil shale combustion wastes for PCC production : quantifying the kinetics of Ca(OH)<sub>2</sub> and CaSO<sub>4</sub>·2H<sub>2</sub>O**

## **dissolution in aqueous systems**

**Uibu, Mai; Tamm, Kadriann; Velts-Jänes, Olga; Kallaste, Priit; Kuusik, Rein, keemik; Kallas, Juha** Fuel processing technology 2015 / p. 156-164 : ill <https://doi.org/10.1016/j.fuproc.2015.09.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Utilization of waste rock from oil shale mining**

**Tohver, Tarmo** Oil shale 2010 / 4, p. 321-330 [https://artiklid.elnet.ee/record=b2185246\\*est](https://artiklid.elnet.ee/record=b2185246*est)

## **Utilization of waste rock from oil shale mining : [defence of the doctoral thesis]**

**Tohver, Tarmo** Oil shale 2011 / p. 366 : portr [https://www.ester.ee/record=b2680564\\*est](https://www.ester.ee/record=b2680564*est)

## **Utilization of waste rock from oil shale mining = Põlevkivi kaevandamis- ja rikastamisjääkide kasutamine**

**Tohver, Tarmo** 2011 [https://www.ester.ee/record=b2680564\\*est](https://www.ester.ee/record=b2680564*est)

## **Waste oil shale ash as a novel source of calcium for precipitated calcium carbonate : carbonation mechanism, modeling, and product characterization**

**Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik** Journal of hazardous materials 2011 / p. 139-146 : ill

## **Virus-bacterium interaction involved in element cycles in biological treatment of coking wastewater**

**Tan, Zhijie; Chen, Wenli; Wei, Xinyi; Qiu, Zhaoji; Zhuang, Weixiong; Zhang, Baoshan; Xie, Junting; Lin, Yuxia; Ren, Yuan; Preis, Sergei; Wei, Chaohai; Zhu, Shuang** Bioresource technology 2025 / art. 131839 <https://doi.org/10.1016/j.biortech.2024.131839>

## **Võimalusi toiduainetööstuse tootmisjääkide väärimiseks**

**Kangur, K.; Rand, Tiiu; Mandel, Viire** XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 141-142 [https://www.ester.ee/record=b1322611\\*est](https://www.ester.ee/record=b1322611*est)

## **Временные указания по применению в строительстве известняковых высевков : РСН 35-74 = Ajutised juhised paesõelmete kasutamiseks ehituses : VEN 35-74 : [утверждены от 08.12.1974 ; срок действия с 01.02.75]**

1974 [https://www.ester.ee/record=b2502277\\*est](https://www.ester.ee/record=b2502277*est)

## **Дисперсно-армированные отделочные композиции на основе промышленных отходов : автореферат ... кандидата технических наук (05.23.05)**

**Lõhmus, Leho** 1991 [http://www.ester.ee/record=b1258541\\*est](http://www.ester.ee/record=b1258541*est)

## **Дисперсно-армированные отделочные композиции на основе промышленных отходов : диссертация ... кандидата технических наук : 05.23.05 - строительные материалы и изделия**

**Lõhmus, Leho** 1991 [http://www.ester.ee/record=b2488589\\*est](http://www.ester.ee/record=b2488589*est)

## **Исследование шлакообразования и обработки шлаков сланцеобогащительных фабрик**

**Jegorova, I. N.; Klimjonova, T. P.; Stepanova, D. I.; Satdarova, I. F.** Угольная промышленность СССР : рефераты на картах 1987 / карта 182/402

## **К вопросу определения теплоты сгорания отходов обогащения горючих сланцев**

**Ots, Arvo; Kala, Raimond** Добыча и переработка горючих сланцев 1965 / с. 107-110 [https://www.ester.ee/record=b2110626\\*est](https://www.ester.ee/record=b2110626*est)

## **Нагрузку на таллинские карьеры может снизить вторичное сырье [Online resource]**

**Lepassalu, Virkko** Stolitsa.ee 2021 ["Нагрузку на таллинские карьеры может снизить вторичное сырье"](https://www.stolitsa.ee/record=b2110626*est)

## **Нарвское горсобрание дало зеленый свет строительству завода по обогащению сланцевой золы Ragn-Sells [Online resources]**

**rohe.geenius.ee** 2022 [Нарвское горсобрание дало зеленый свет строительству завода по обогащению сланцевой золы Ragn-Sells](https://www.rohe.geenius.ee/record=b2110626*est)

## **О возможности использования отходов сланцедобычи для изготовления строительного щебня**

**Adamson, Alo; Hints, Hillar** Проблемы разработки месторождений полезных ископаемых Эстонской ССР 1989 / с. 16-26

## **Утилизация отходов картофелеперерабатывающей промышленности при кормлении сельскохозяйственных животных : автореферат ... кандидата сельскохозяйственных наук (06.02.02)**

**Merisaar, Maret** 1991 [https://www.ester.ee/record=b1519324\\*est](https://www.ester.ee/record=b1519324*est)

## **Утилизация отходов картофелеперерабатывающей промышленности при кормлении сельскохозяйственных животных : диссертация на соискание ученой степени кандидата сельскохозяйственных наук (06.02.02)**

**Merisaar, Maret** 1991 [https://www.ester.ee/record=b4008252\\*est](https://www.ester.ee/record=b4008252*est)