

A klassi lugu : [Jõgeva Keskkooli XI lend]

Kuusik, Rein, keemik Jõgeva Keskkooli XI lennu lugu 1959-2019 2019 / lk. 18-22 : fot https://www.esther.ee/record=b5232099*est

Abatement of CO₂ emission in Estonian energy sector

Uibu, Mai; Veskimäe, Helgi; Kuusik, Rein, keemik 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 : symposium program 2003 / p. 194

Abatement of CO₂ emission in Estonian energy sector [Electronic resource]

Uibu, Mai; Kuusik, Rein, keemik; Veskimäe, Helgi 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]

Abatement of CO₂ emissions in Estonian oil shale-based power production

Uibu, Mai 2008 <https://digi.lib.ttu.ee/i/?291> https://www.esther.ee/record=b2449493*est

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](#)

Activated oil shale ashes as sorbents for SO₂ removal from flue gases

Trikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik Maarend, Jaak 9th Regional (Central European) Conference IUAPPA and 3rd International Conference on Environmental Impact Assessment, Prague 1996 : up-to-date experiences and tasks of the transformation period : Czech Republic, September 23-26, 1996 : proceedings. Vol. 2 1996 / p. 306-310: ill

Activation and reactivity of Estonian oil shale cyclone ash towards SO₂ binding

Kaljuvee, Tiit; Trass, Olev; Pihu, Tõnu; Konist, Alar; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2015 / p. 19-28 : ill <https://doi.org/10.1007/s10973-014-4308-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Activation and reactivity of oil shale cyclone ash towards SO₂ binding

Kaljuvee, Tiit; Trass, Olev; Pihu, Tõnu; Konist, Alar; Kuusik, Rein, keemik ESTAC-11 : the 11th European Symposium on Thermal Analysis and Calorimetry : Dipoli Congress Center, Espoo, Finland, August 17-21, 2014 : abstracts 2014 / p. 14

Activation of oil shale ashes for sulfur capture

Trass, Olev; Kuusik, Rein, keemik; Kaljuvee, Tiit Oil shale 2018 / p. 375-385 : ill <https://doi.org/10.3176/oil.2018.4.07> http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-375-385.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aggregate production from burnt oil shale and CO₂ - 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 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Akadeemik ja kultuuritegelane : Mihkel Veiderma 70

Kuusik, Rein, keemik Eesti Päevaleht 1999 / lk. 6: portr

Akadeemik Mihkel Veiderma 80

Kuusik, Rein, keemik; Öpik, Andres Mente et Manu 2010 / lk. 3 : portr https://www.esther.ee/record=b1242496*est

Applicability of the FB reactor of aspen plus for CFB oxy-fuel combustion of Estonian oil shale : gas and solid hydrodynamics

Yörük, Can Rüştü; Normann, F.; Filip, J.; Trikkel, Andres; Kuusik, Rein, keemik Proceedings of the 22nd International Conference on Fluidized Bed Conversion : Turku, Finland, June 14-17, 2015. Vol. 1 2015 / p. 150-159

Application of thermal analysis techniques for studing the possibilities of utilization of oil shale ashes formed at electriciy production in Estonia

Kaljuvee, Tiit; Uibu, Mai; Einard, Marve; Yörük, Can Rüştü; Trikkel, Andres; Kuusik, Rein, keemik 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicita2019 : book of abstracts 2019 / p. 47 <http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

Aqueous carbonation of oil shale wastes from Estonian power production for CO₂ fixation and PCC production

Uibu, Mai; Velts, Olga; Kuusik, Rein, keemik CYSENI 2011 : the 8th Annual International Conference of Young Scientist on Energy Issues, May 26-27, 2011, Kaunas, Lithuania : conference proceedings 2011 / p. 415-424 : ill

Basics of new utilization processes for oil shale combustion wastes

Kuusik, Rein, keemik; Uibu, Mai; Raado, Lembi-Merike; Süld, Tiia-Maaja; Väizene, Vivika; Irha, Natalja; Kirsimäe, Kalle; Loide, Valli; Meriste, Tõnis International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 37

Behavior of sulfur compounds at thermoxydation of fuel mixtures containing oil shale semi-coke

Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres; Maljukova, Natalja First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 55-56

Behavior of sulphur compounds at combustion of oil shale semicoke

Kaljuvee, Tiit; Kuusik, Rein, keemik; Trikkel, Andres; Maljukova, Natalja Oil shale 2003 / 2, p. 113-125 : ill

https://artiklid.elnet.ee/record=b1012756*est

Behaviour of magnesium compounds at sulphation of lime-containing sorbents

Kaljuvee, Tiit; 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 : symposium program 2003 / p. 191

Behaviour of magnesium compounds at sulphation of lime-containing sorbents [Electronic resource]

Kaljuvee, Tiit; 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]

Behaviour of sulfur compounds during aqueous leaching of oil shale ash

Tamm, Kadriann; Kuusik, Rein, keemik; Uibu, Mai; Kallas, Juha Proceedings of the 4th International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME 2013 : April 9-12, 2013, Leuven, Belgium 2013 / p. 541-545 : ill

Beneficiation of Estonian phosphate ore by flotataion [Online resource]

Tamm, Kadriann; Piir, Indrek; Kuusik, Rein, keemik; Tönsuaadu, Kaia Beneficiation of Phosphates VIII : proceedings 2018 / [1] p. : ill http://dc.engconfintl.org/phosphates_viii/1/

Binding of acidic gaseous compounds into the solid phase during combustion of oil shale

Kaljuvee, Tiit; Kuusik, Rein, keemik; Trikkel, Andres; Bender, Villem 8th European Conference on Solid State Chemistry and satellite meetings Functional Perovskite - Related Oxides [and] Hydrogen Storage Materials : Oslo, July 2001 2001 / p. P110

Ca²⁺-ionide leostuvus põlevkivituhkadest

Velts, Olga; Uibu, Mai; Rudjak, Irina; Kuusik, Rein, keemik XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 187-188

Calcination of Estonian calcareous rocks

Trikkel, Andres; Aasa, Priit; Kuusik, Rein, keemik Kemia 97 : Finnish Chemical Congress and Exhibition, Helsinki, 11.-13.11.1997 : abstracts 1997 / p. 15

Calcium carbonate crystallization on the basis of waste oil shale ash leachates

Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik ISIC 18 : 18th International Symposium on Industrial Crystallization : 13-16 September 2011, Zurich, Switzerland : book of abstracts 2011 / p. 501 : ill

Calcium extraction from Estonian industrial ash bashed 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

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 sulphide from phosphogypsum

Kuusik, Rein, keemik; Trikkel, Andres Second International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 20-23, 1994, Budapest, Hungary : symposium program [and abstracts] 1994 / p. 149

Carbon capture and fixation using lime-containing wastes : the influence of aqueous phase composition on Ca dissolution from oil shale ash

Uibu, Mai; Kuusik, Rein, keemik Energy procedia 2013 / p. 5913-5920 : ill <https://doi.org/10.1016/j.egypro.2013.06.517> Conference Proceedings at Scopus Article at Scopus Article at WOS

Carbon dioxide binding in the heterogeneous systems formed at combustion of oil shale. 2, Interactions of system components - thermodynamic analysis

Kuusik, Rein, keemik; Türn, Leo; Trikkel, Andres; Uibu, Mai Oil shale 2002 / 2, p. 143-160

https://artiklid.elnet.ee/record=b1010555*est

Carbon dioxide binding in the heterogeneous systems formed at combustion of oil shale. 3, Transformations in the system suspension of ash - flue gases

Kuusik, Rein, keemik; Veskimäe, Helgi; Uibu, Mai Oil shale 2002 / p. 277-288 https://www.estet.ee/record=b1072685*est

https://artiklid.elnet.ee/record=b1010555*est

Carbon dioxide binding in the heterogeneous systems formed at combustion of oil shale. 4, Reactivity of ashes towards acid gases in the system fly ash-flue gases

Kaljuvee, Tiit; Kuusik, Rein, keemik; Radin, Maia; Bender, Villem Oil shale 2004 / 1, p. 13-26 : ill

https://artiklid.elnet.ee/record=b1015100*est

Carbon dioxide binding in the heterogeneous systems formed by combustion of oil shale. 1, Carbon dioxide binding at oil shale ash deposits

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit; Parts, O. Oil shale 2001 / p. 109-122

https://www.estet.ee/record=b1072685*est https://artiklid.elnet.ee/record=b1007235*est

Carbon dioxide long-term emissions and its storage options in the Baltic Region

Kavalaiskaita, Inga; Uibu, Mai; Teir, Sebastian; Kuusik, Rein, keemik; Zevenhoven, Ron; Defanas, G. Ecosystems and sustainable development. V 2005 / p. 439-448

Challenges and possible solutions in the Baltic Region after legislation of EU CCS directive

Šogenova, Alla; Šliaupa, Saulius; Šogenov, Kazbulat; Šliaupiene, Rasa; Pomeranceva, Raisa; Vaher, Rein; Uibu, Mai; Kuusik, Rein, keemik 5th Congress of Balkan Geophysical Society Geophysics at the Cross-roads : 10-16 May 2009, Belgrade, Serbia 2009 / [6] p <https://www.etis.ee/Portal/Publications/Display/ec0af0a8-42ca-479d-823c-9cef94948ca7>

Characterization of oil shale ashes formed at industrial-scale CFBC boilers

Kuusik, Rein, keemik; Uibu, Mai; Kirsimäe, Kalle Oil shale 2005 / 4S, p. 407-419 : ill https://artiklid.elnet.ee/record=b2352613*est

Chemical-looping combustion CO₂ ready gas power

Mattisson, Tobias; Adanez, Juan; Proell, Tobias; Kuusik, Rein, keemik Energy procedia 2009 / p. 1557-1564 : ill

<https://www.sciencedirect.com/science/article/pii/S1876610209002057>

Chemical-looping combustion with natural gas using spray-dried NiO-based oxygen carriers

Linderholm, C.; Lyngfelt, Anders; Beal, C.; Trikkel, Andres; Kuusik, Rein, keemik; Jerndal, E.; Mattisson, Tobias Carbon dioxide capture for storage in deep geological formations. 3 2009 / [8] p

CO₂ and SO₂ rebinding by oil shale ashes : effect of pre-treatment on binding kinetics

Trikkel, Andres; Keelmann, Merli; Kaljuvee, Tiit; Kuusik, Rein, keemik MEDICTA 2009 : 9th Mediterranean Conference on Calorimetry and Thermal Analysis : June 15-18, 2009, Marseille, France : book of abstracts 2009 / p. 116

CO₂ and SO₂ uptake by oil shale ashes : effect of pre-treatment on kinetics

Trikkel, Andres; Keelmann, Merli; Kaljuvee, Tiit; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2010 / 3, p. 763-769

CO₂ emission in Estonian oil shale based energy sector - prospects for abatement by wet mineral carbonization

Kuusik, Rein, keemik; Uibu, Mai; Trikkel, Andres GHGT-8 : 8th International Conference on Greenhouse Gas Control Technologies : 19-22 June 2006, Trondheim, Norway : book of abstracts, posters 2006 / p. 158

CO₂ geological storage and mineral trapping potential in the Baltic region

Šogenova, Alla; Šliaupa, Saulius; Šogenov, Kazbulat; Šliaupiene, Rasa; Pomeranceva, Raisa; Uibu, Mai; Kuusik, Rein, keemik Slovak geological magazine 2008 / p. 5-14 : ill

CO₂ geological storage capacity analysis in Estonia and neighbouring regions

Šogenova, Alla; Šogenov, Kazbulat; Vaher, Rein; Ivask, Jüri; Šliaupa, Saulius; Vangkilde-Pedersen, Thomas; Uibu, Mai; Kuusik, Rein, keemik Energy procedia 2011 / p. 2785-2792 : ill

CO₂ mineral sequestration in oil-shale wastes from Estonian power production

Uibu, Mai; Uus, Mati; Kuusik, Rein, keemik Journal of environmental management 2009 / p. 1253-1260 : ill

CO₂ mineral trapping : modeling of calcium carbonate precipitation in a semi-batch reactor

Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik Energy procedia 2011 / p. 771-778 : ill

CO2 mineralisation : concept for co-utilization of oil shale energetics waste streams in CaCO3 production

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

<https://www.sciencedirect.com/science/article/pii/S1876610213007613> <https://doi.org/10.1016/j.egypro.2013.06.518> Conference Proceedings at Scopus Article at Scopus Article at WOS

CO2 mineralisation : production of CaCO3-type material in a continuous flow disintegrator-reactor

Velts, Olga; Kindsigo, Merit; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik Energy proedia 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

CO2 mineraliseerimine põlevkivienergeetikas - alused, võimalused ja olukord

Kuusik, Rein, keemik; Uibu, Mai; Trikkel, Andres Keskkonnatehnika 2008 / 6, lk. 23-27 : ill

https://artiklid.elnet.ee/record=b1022538*est

CO2 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; Trikkel, 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

CO2 rebinding by oil shale CFBC ashes : effect of pre-treatment

Trikkel, Andres; Keelmann, Merli; Aranson, Aljona; Kuusik, Rein, keemik Proceedings of the 20th International Conference on Fluidized Bed Combustion. II 2009 / p. 1123-1129

CO2 trapping from flue gases by oil shale ash aqueous suspension : Intensification and modeling of the process

Kuusik, Rein, keemik; Uibu, Mai; Velts, Olga; Trikkel, Andres; Kallas, Juha Third International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME10 : November 29 - December 1, 2010, Turku, Finland : proceedings 2010 / p. 227-235 : ill

CO2 wet mineralization by oil shale ash-reactivity of model compounds

Uibu, Mai; Muulmann, Mari-Liis; Kuusik, Rein, keemik The 4th Nordic Minisymposium on Carbon Dioxide Capture and Storage : September 8-9, 2005, Otaniemi, Espoo : program, abstracts 2005 / [1] p

A coagulant for water purification from Estonian glauconite

Kudrjavtseva, Jelena; Viisimaa, Ludmilla; Kuusik, Rein, keemik Eesti Teaduste Akadeemia Toimetised. Keemia 1994 / lk. 68-76: ill

Comparative reactivity of some calcareous rocks as sorbents towards sulphur dioxide

Kaljuvee, Tiit; Trikkel, Andres; Kuusik, Rein, keemik Eesti Teaduste Akadeemia Toimetised. Keemia 1994 / 4, lk. 146-156: ill

Comparative thermal analysis of Estonian carbonaceous rocks

Trikkel, Andres; Aasa, Priit; Kuusik, Rein, keemik 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 155

Composition and properties of oil shale ash concrete

Raado, Lembi-Merike; Hain, Tiina; Liisma, Eneli; Kuusik, Rein, keemik Oil shale 2014 / p. 147-160 : ill

https://artiklid.elnet.ee/record=b2673716*est <https://doi.org/10.3176/oil.2014.2.05> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Concept for CO2 mineralization by oil-shale waste ash in Estonian power production

Uibu, Mai; Kuusik, Rein, keemik Conference proceedings of the 3rd International Green Energy Conference : June 17-21, 2007 at Mälardalen University in Västerås, Sweden 2007 / p. 12-13

Consumption of Estonian phosphorite [Online resource]

Tamm, Kadriann; Kuusik, Rein, keemik; Veiderma, Mihkel; Tönsuadu, Kaia Combined set of posters presented at ESPC3 2018 / [1] p. : ill <https://phosphorusplatform.eu/images/Conference/ESPC3/Outcomes/ESPC3-Posters-Combined-v2018-10-17-reduced.pdf>

Co-utilization of CO2 and oil shale combustion wastes for production of PCC-type material

Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik 12th International Conference on Carbon Dioxide Utilization : ICCDU XII 2013 : June 23-27, 2013, Alexandria, VA, USA, Westin Hotel 2013 / p. 230

Co-utilization of CO2 and waste oil shale ash to produce calcium carbonate

Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik 11th International Conference on Carbon Dioxide Utilization (ICCDU XI), June 27-30, 2011, Dijon, France : programm & abstracts 2011 / p. P133 : ill

Crystallization of calcium carbonate on the basis of oil shale waste ash in a continuous flow disintegrator-reactor

Velts, Olga; Kindsigo, Merit; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik ISIC 19 : 19th International Symposium on Industrial Crystallization : book of abstracts : 16-19 September 2014, Toulouse - France 2014 / p. 359-360 : ill

Decarbonization of natural limecontaining materials and reactivity of calcinated products towards SO₂ and CO₂
Kaljuvee, Tiit; Trikkel, Andres; Kuusik, Rein, keemik Programme and abstract book of 12th International Congress on Thermal Analysis and Calorimetry : August 14-18, 2000, Copenhagen, Denmark 2000 / p. 344
<https://link.springer.com/article/10.1023/A:101156150091>

Decarbonization of natural lime-containing materials and reactivity of calcined products towards SO₂ and CO₂
Kaljuvee, Tiit; Trikkel, Andres; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2001 / Proceedings of the 12th International Congress on Thermal Analysis and Calorimetry : Copenhagen, Denmark, August 14-18, 2000. Volume III, Materials science geosciences, ISBN 963 05 7791 7, p. 1229-1240 : ill <https://link.springer.com/article/10.1023/A:101156150091>

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 : symposium program 2003 / p. 192

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]

Department of Chemistry
Hödreibärv, Helvi; Veiderma, Mihkel; Kuusik, Rein, keemik; Hödrejärv, Helvi; Kallast, Vambola; Lille, Ülo; Öpik, Andres; Köstner, Ado; Vilu, Raivo; Kreen, Malle; Kuusik, Rein, keemik; Öpik, Andres Research activities / Tallinn Technical University 1993 / p. 45-48 https://www.esther.ee/record=b1053754*est

Department of Chemistry : activity report 1995
1996 https://www.esther.ee/record=b1060032*est

Desulphurization of flue gases by oil shale ash
Kaljuvee, Tiit; Kuusik, Rein, keemik Oil shale 1993 / 1, p. 33-43

Developments in CO₂ mineral carbonation by oil shale ash
Uibu, Mai; Velts, Olga; Trikkel, Andres; Kallas, Juha; Kuusik, Rein, keemik 2nd International Conference on Accelerated Carbonation for Environmental and Materials Engineering : October 1-3, 2008, Rome, Italy : proceedings 2008 / p. 421-430 : ill

Developments in CO₂ mineral carbonation of oil shale ash
Uibu, Mai; Velts, Olga; Kuusik, Rein, keemik Journal of hazardous materials 2010 / p. 209-214 : ill

Distribution of organic and inorganic ingredients in Estonian oil shale semicoke
Trikkel, Andres; Kuusik, Rein, keemik; Maljukova, Natalja Oil shale 2004 / 3, p. 227-236 : ill
https://artiklid.elnet.ee/record=b1016399*est

Distribution of the components of phosphorites by thermoseparational enrichment
Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit Tallinna Tehnikaülikooli Toimetised 1994 / lk. 28-38: ill

Dry desulphurization of flue gases by Estonian lime-containing materials
Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres; Maarend, Jaak; Roundyguine, Juri Proceedings of the 10th World Clean Air Congress, held at Espoo, Finland, May 28 - June 2, 1995. Vol. 1, Emissions and control 1995 / p. 037 [4 p.]: ill

Dry desulphurization of the flue gases at oil shale thermal power plants
Kaljuvee, Tiit; Kuusik, Rein, keemik; Veskimäe, Helgi Second International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 20-23, 1994, Budapest, Hungary : symposium program [and abstracts] 1994 / p. 149

Edusammud põlevkivituha uudsete rakenduste väljatöötamises
Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 107 : ill

Eessõna
Kuusik, Rein, keemik 30 aastat Eesti Meestelaulu Seltsi Tallinna Meeskoori : 1989-2019 2019 / lk. 4-5 : fot
https://www.esther.ee/record=b5280542*est

Eesti Elektrijaama ringleva keevkihiga koldes tekkivad põlevkivituhad SO₂ sorbendina
Toom, Merli; Kaljuvee, Tiit; Kuusik, Rein, keemik XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 113-114

Eesti Elektrijaama tuhad vääveldioksiidi sidujana

Kulp, Igor; Kaljuvee, Tiit; Kuusik, Rein, keemik XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 60-61

Eesti esindajad projekti Global TraPs neljandal töökonverentsil Marokos : 16.-18. märtsil 2012

Kuusik, Rein, keemik Mente et Manu 2012 / lk. 4-5 : fot https://www.ester.ee/record=b1242496*est

Eesti fosforiidi säästlik väärindamine : [RITA MAARE projekti aruanne]

2020 <https://fond.egt.ee/fond/egf/9405>

Eesti karbonaatsete kivimite võrdlev termiline analüüs

Trikkel, Andres; Aasa, Priit; Kuusik, Rein, keemik XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 143

Eesti lubjakivid ja dolomiidid happelite ühendite sorbentidena

Kaljuvee, Tiit; Kulp, Igor; Kuusik, Rein, keemik XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 51-52

Eesti lubjakivid ja dolomiidid vääveldioksiidi sorbendina

Trikkel, Andres; Kuusik, Rein, keemik Keskkonnatehnika 2003 / 4, lk. 39-43 : ill https://artiklid.elnet.ee/record=b1013612*est

Eesti põlevkivienergeetikas tekkivate tahkjäätmete märgkarboniseerimine SO₂ emissiooni vähendamiseks ning SKK saamiseks

Uibu, Mai; Velts, Olga; Kuusik, Rein, keemik XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 103

Effect of ageing pre-treatment on performance of PF oil shale ash for CO₂ sequestration in aqueous suspensions

**Uibu, Mai; Kuusik, Rein, keemik Third International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME10 : November 29 - December 1, 2010, Turku, Finland : proceedings 2010 / p. 317-321 : ill
<http://www.cgs-europe.net/UserFiles/file/1st%20Kickoff%20meeting/Posters/P8-Uibu.pdf>**

Effect of flotation time and collector dosage on Estonian phosphorite beneficiation

Tamm, Kadriann; Zadeh, Zeinab Arab; Kuusik, Rein, keemik; Kallas, Juha; Yang, Jason; Tönsuaadu, Kaia; Trikkel, Andres Minerals 2021 / art. 114 <https://doi.org/10.3390/min11020114> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Elule lähendamise programm viis otse elu keskele

**Kuusik, Rein, keemik Mente et Manu 2018 / lk. 26 : fot http://www.ester.ee/record=b1242496*est
<http://dea.digar.ee/publication/AKmenteetmanu> https://artiklid.elnet.ee/record=b2865217*est**

Emeriitprofessor Mihkel Veiderma 70

Kuusik, Rein, keemik Tehnikaülikool 1999 / lk. 8: portr

Emission of sulphur dioxide by thermooxidation of Estonian oil shale and coal

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Proceedings of the Estonian Academy of Sciences. Engineering 1998 / 3, p. 199-208: ill

Emission of sulphur dioxide during thermal treatment of fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 1999 / p. 1243-1251: ill

The emission of sulphur dioxide during thermooxidation of solid fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 47

Enrichment of carbonate-phosphate ores by calcination and air separation

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel International journal of mineral processing 1995 / p. 113-121

Equilibrium calculations in aqueous carbonation of oil shale waste-sulfur compounds

Tamm, Kadriann; Uibu, Mai; Kallaste, Priit; Kuusik, Rein, keemik; Kallas, Juha Proceedings of 2nd World Congress on Petrochemistry and Chemical Engineering : October 27-29, 2014, Embassy Suites Las Vegas, USA 2014 / p. 40

Equilibriums in aqueous carbonation of oil shale waste

Tamm, Kadriann; Uibu, Mai; Kallaste, Priit; Kuusik, Rein, keemik; Kallas, Juha TÜ ja TTÜ doktorikool "Funktionsaalsed

Estonia has joined Global TraPs

Kuusik, Rein, keemik Global TraPs : global transdisciplinary processes for sustainable phosphorus management (2010–2015) : newsletter 2012 / p. 2 : ill

Estonian calcareous rocks and oil shale ash as sorbents for SO₂

Trikkel, Andres 2001 https://www.ester.ee/record=b1578119*est

Estonian calcareous rocks as SO₂ sorbents in AFBC and PFBC conditions

Trikkel, Andres; Kuusik, Rein, keemik; Zevenhoven, Ron 15th International Conference on Fluidized Bed Combustion : May 16-19, 1999, Savannah, Georgia : general conference information, agenda, and abstracts 1999 / p. FBC 99-0032

Estonian calcareous rocks as SO₂ sorbents in AFBC and PFBC conditions [Electronic resource]

Trikkel, Andres; Kuusik, Rein, keemik; Zevenhoven, Ron Proceedings of the 15th International Conference on Fluidized Bed Combustion : May 16-19, 1999, Savannah, Georgia 1999 / [18] p. : ill. [CD-ROM]

Estonian dolomites : occurrence, resources, characterisation and new prospects for application

Trikkel, Andres; Kaljuvee, Tiit; Soesoo, Alvar; Kuusik, Rein, keemik Horizons in earth science research. Volume 7 2012 / p. 147-195

Estonian glauconite : a resource for the future

Kuusik, Rein, keemik; Aasamäe, Ernst; Viisimaa, Ludmilla Kemia-Kemi 1998 / 5, p. 404-406: ill

Estonian lime containing materials as sorbents for SO₂ removal

Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres; Veskimäe, Helgi Kemia 93 : Finnish Chemical Congress and Exhibition, Helsinki, 2.-4. nov. 1993 : abstracts 1993 / p. 20-21

Evaluation of Estonian phosphate rock by flotation

Yang, Xiaosheng; **Tamm, Kadriann; Piir, Indrek; Kuusik, Rein, keemik; Trikkel, Andres; Tönsuaadu, Kaia** Minerals engineering 2021 / art. 107127, 10 p. : ill <https://doi.org/10.1016/j.mineng.2021.107127> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of new applications of oil shale ashes in building materials

Usta, Mustafa Cem; Yörük, Can Rüştü; Hain, Tiina; Paaver, Peeter; Snellings, Ruben; Rozov, Eduard; Gregor, Andre; Kuusik, Rein, keemik; Trikkel, Andres; Uibru, Mai Minerals 2020 / art. 765, 19 p. : ill <https://doi.org/10.3390/min10090765> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evolved gas analysis at thermal treatment of oil shales by TG-FTIR

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik Proceedings of International conference on oil shale "Recent Trends in Oil Shale" : Amman, Jordan, 7-9.November 2006 2006 / [10] p

Excess sludge anaerobic treatment linked together with production of suspension fertilizers

Sokk, Olev; Kuusik, Rein, keemik; Loigu, Enn Libro de resumenes : IX Taller y Simposio Latinoamericano de Digestion Anaerobia : Isla de Pascua, Chile, 19-23 Octubre 2008 2008 / p. 78

Excess sludge anaerobic treatment linked together with production of suspension fertilizers

Sokk, Olev; Kuusik, Rein, keemik; Loigu, Enn Memorias : IX Taller y Simposio Latinoamericano de Digestion Anaerobia : Isla de Pascua, Chile, 19-23 Octubre 2008 2008 / p. 396-400 : ill

Experimental and modeling studies of oil shale oxy-fuel combustion = Põlevkivi hapnikus põletamise eksperimentaalne uurimine ja modelleerimine

Yörük, Can Rüştü 2016 http://www.ester.ee/record=b4619911*est

Ex-situ and in-situ mineral carbonation : alternative technology to mitigate climate change

Šogenova, Alla; Kuusik, Rein, keemik; McGrail, B. Peter GEO ENeRGY : the newsletter of the ENeRG Network 2012 / p. [2] : ill

Faaside lahutamine glaukoniidil hoppelisel töötlemisel

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

Feasibility of carbonation of alkaline waste oil shale ash in the rocking-type autoclave reactor

Velts-Jänes, Olga; Uibru, Mai; Santos, Rafael; Rijnsburger, Keesjan; Knops, Pol; Kuusik, Rein, keemik 5th International Conference on Accelerated Carbonation for Environmental and Material Engineering 2015 : New York, New York, USA, 21-24 June 2015 2015 / p. 87-94

Flue gas desulphurization at oil shale fired plants

Kuusik, Rein, keemik; Trikkel, Andres; Rundögin, J.; **Kaljuvee, Tiit**; Alfimov, G.; Jegorov, D.; Maarend, Jaak Fourth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe : Warsaw, Poland, Sept. 15-17, 1998 : symposium proceedings 1999 / Paper no. 272, 7 p. [CD-ROM]

Flue gas desulphurization at oil shale fired plants

Kuusik, Rein, keemik; Rundögin, J.; **Kaljuvee, Tiit**; Alfimov, G.; Jegorov, D.; Maarend, Jaak 4th International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, Warsaw, Poland, Sept. 15-17, 1998 : symposium program 1998 / p. 136

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.esther.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

Foreword

Kuusik, Rein, keemik Reports of Tallinn Technical University. G, Chemistry and chemical engineering = Tallinna Tehnikaülikooli ülevaated. G, Chemistry and chemical engineering = Отчеты Таллинского технического университета. G, Chemistry and chemical engineering : Department of Chemistry : activity report 1996 / p. 5 https://www.esther.ee/record=b1060032*est

Foreword

Kuusik, Rein, keemik Department of Chemistry : activity report 1996 1997 / p. 4 https://www.esther.ee/record=b1060032*est

Formation and binding of sulphur dioxide by combustion of Estonian oil shale

Kuusik, Rein, keemik; **Arro, Hendrik**; **Kaljuvee, Tiit**; **Prikk, Arvi** Circulating Fluidized Bed Technology. VI : proceedings of the 6th International Conference on Circulating Fluidized Beds : Würzburg, Germany, August 22-27, 1999 1999 / p. 627-632

Formation of volatile organic compounds at thermooxidation of solid fossil fuels

Kaljuvee, Tiit; **Edro, Evelin**; **Kuusik, Rein, keemik** Oil shale 2007 / 2, p. 117-133 : ill https://artiklid.elnet.ee/record=b2374393*est

Fosfokips - heitprodukt või tooraine ?

Kuusik, Rein, keemik Tallinna Polütehnik : TPI parteikomitee, rektoraadi, komsomolikomitee, ametühingukomitee häälekandja 1981 / lk. 3 <https://digikogu.taltech.ee/et/Item/eaaeae444-bb9c-48be-93ab-d38949cc9bdf> https://www.esther.ee/record=b1254708*est

From waste to value : CaCO₃ crystallization on the basis of waste oil shale ash

Velts, Olga; **Uibu, Mai**; **Kallas, Juha**; **Kuusik, Rein, keemik** Proceedings of the Air & Waste Management Association's (A&WMA) 105th Annual Conference & Exhibition 2012 / [10] p. : ill

Geological storage and mineral trapping of industrial CO₂ emissions - prospects in the Baltic Region

Šogenova, Alla; Sliaupa, Saulius; **Šogenov, Kazbulat**; Sliaupiene, Rasa; Pomeranceva, Raisa; **Uibu, Mai**; **Kuusik, Rein, keemik** First CO₂ Geological Storage Workshop, 29-30 September 2008, Budapest, Hungary. A04 2008 / p. 25-30

Granulation of oil shale ashes and leachability of granulated products

Kaljuvee, Tiit; Loide, Valli; Einard, Marve; **Jefimova, Jekaterina**; **Kuusik, Rein, keemik** International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 51

Granulation of oil shale ashes and the potentiality of use the product in agriculture

Hälvin, Herki; **Kaljuvee, Tiit**; **Kuusik, Rein, keemik** The Twenty-Seventh International Conference on Solid Waste Technology and Management : Philadelphia, PA U.S.A, March 11-14, 2012 : presentation abstracts 2012 / p. P2

Granulation of oil shale ashes and the potentiality of use the product in agriculture

Hälvin, Herki; **Kaljuvee, Tiit**; **Kuusik, Rein, keemik** Proceedings of the 27th International Conference on Solid Waste Technology and Management : March 11-14, 2012, Philadelphia, PA U.S.A 2012 / p. 1201-1209 : ill

Granulation of oil shale ashes for neutralizing of acidic soils

Kaljuvee, Tiit; **Jefimova, Jekaterina**; Loide, Valli; **Uibu, Mai**; **Einard, Marve**; **Kuusik, Rein, keemik** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 16-17 http://www.esther.ee/record=b4751282*est

Heating rate effect on the thermal behaviour of some clays and their mixtures with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Kuusik, Rein, keemik 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015

Heating rate effect on the thermal behavior of some clays and their blends with oil shale ash additives
Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2017 / p. 33-45 : ill
<https://doi.org/10.1007/s10973-016-5347-4> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hendrik Arro - Enks = Hendrik Arro - Enks

Loosaar, Jüri; Pihu, Tönu; Prikk, Arvi; Rootamm, Rein; Ratnik, Velda; Kuusik, Rein, keemik; Konist, Alar Hendrik Arro : publikatsioonid = Hendrik Arro : publications 2010 / lk. 19-26

High temperature adsorption of sulphur dioxide

Kaljuvee, Tiit; Kuusik, Rein, keemik; Vilbok, Heinrich Kemia-kemi 1990 / 10B, p. 993-994

High temperature behavior of NiO-based oxygen carriers for chemical looping combustion

Kuusik, Rein, keemik; Trikkel, Andres; Lyngfelt, Anders; Mattisson, Tobias Energy procedia 2009 / p. 3885-3892 : ill

Impact of wastewater components on phosphorus removal by oil shale ash in model systems

Tönsuaadu, Kaia; Mõtlep, Riho; Kivistik, Mart; Kuusik, Rein, keemik Book of abstracts : 4th Sustainable Phosphorus Summit : Le Corum, Montpellier, France, 1-3 September 2014 2014 / [1] p

Implementation of the leaching models to estimate oil shale ash disposal and handling processes

Tamm, Kadriann; Uibu, Mai; Viires, Regiina; Kallas, Juha; Kuusik, Rein, keemik International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 45-46

Improvement of current mining technology in Estonian oil shale mines

Pastarus, Jüri-Rivaldo; Otsmaa, Merle; Šommet, Julija; Pototski, Aleksander; Kuusik, Rein, keemik Proceeding of the V-th International Geomechanics Conference : 18-21 June 2012 International House of Scientists "Fr. J. Curie", Varna, Bulgaria 2012 / p. 275-279 : ill

https://www.academia.edu/64597395/Varna_Bulgaria_IMPROVEMENT_OF_CURRENT_MINING_TECHNOLOGY_IN_ESTONIAN_OIL_SHALE_MINES?uc-sb-sw=50794218

Influence of lime-containing additives on the thermal behaviour of ammonium nitrate

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2008 / 1, p. 215-221 : ill

Influence of the post-granulation treatment on the thermal behaviour of Estonian oil shale ashes

Kaljuvee, Tiit; Jefimova, Jekaterina; Loide, Valli; Uibu, Mai; Einard, Marve; Kuusik, Rein, keemik JTACC+V4 : 1st Journal of Thermal Analysis and Calorimetry Conference and 6th V4 (Joint Czech-Hungarian-Polish-Slovakian) Themoanalytical Conference: Budapest Hungary, June 6-9, 2017 : Book of Abstracts 2017 / p. 105 <https://static.akcongress.com/downloads/jtacc/jtacc2017-book-of-abstracts.pdf>

Integration of technologies : biogas production, fertilizer production and biogas upgrading

Sokk, Olev; Loigu, Enn; Kuusik, Rein, keemik; Menert, Anne 12th World Congress on Anaerobic Digestion : October 31st - November 4th, 2010, Guadalajara, Jalisco, Mexico 2010 / p. 179 <https://www.sei.org/publications/integration-of-technologies-biogas-production-fertilizer-production-and-biogas-upgrading/>

Integration of technologies : biogas production, fertilizer production and biogas upgrading

Sokk, Olev; Loigu, Enn; Kuusik, Rein, keemik; Menert, Anne 12th World Congress on Anaerobic Digestion : October 31st - November 4th, 2010, Guadalajara, Jalisco, Mexico 2010 / [6] p : ill <https://www.sei.org/wp-content/uploads/2018/02/4367.pdf>

Interactions of ammonium nitrate with different additives : thermodynamic analysis

Klimova, Irina; Kaljuvee, Tiit; Tüür, Leo; Trikkel, Andres; Kuusik, Rein, keemik Program & abstracts of 21st IUPAC International Conference on Chemical Thermodynamics ICCT-2010 : Tsukuba, Japan, July 31 - August 6, 2010 2010 / p. 242 <https://link.springer.com/article/10.1007/s10973-011-1514-9>

Interactions of ammonium nitrate with different additives : thermodynamic analysis

Klimova, Irina; Kaljuvee, Tiit; Tüür, Leo; Bender, Villem; Trikkel, Andres; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2011 / p. 13-26

Investigation of limestone powder layering onto ammonium nitrate prills in disc granulator

Klimova, Irina; Kaljuvee, Tiit; Kuusik, Rein, keemik Journal of materials science and engineering A 2014 / p. 151-159 : ill

Joint efforts for utilization of oil shale ash in new areas

Kuusik, Rein, keemik; Uibu, Mai; Kirsimäe, Kalle; Pototski, Aleksander; Meriste, Tõnis International oil shale symposium : Tallinn, Estonia, June 10-13, 2013 2013 / p. 52

Juha Kallas - 70

Kuusik, Rein, keemik Mente et Manu 2011 / lk. 3 : portr https://www.esther.ee/record=b1242496*est

Kaia Tõnsuaadu 60

Kuusik, Rein, keemik Mente et Manu 2011 / lk. 5 : portr https://www.esther.ee/record=b1242496*est

Kaltsiumi leostumine põlevkivituhest - protsessi modelleerimine

Velts, Olga; Kallas, Juha; Kuusik, Rein, keemik XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 81

Karboniseerimisprotsessi pidurdumismehhanism süsteemis põlevkivituhk-vesi-CO₂

Uibu, Mai; Kuusik, Rein, keemik XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 175-176

Kas läbimurre põlevkivituha kasutuses?

Kuusik, Rein, keemik Mente et Manu 2022 / lk. 27-29 : ill https://www.esther.ee/record=b1242496*est

Keemia- ja materjalitehnoloogia teaduskond

Kaps, Tiit; Mölder, Leevi; Christjanson, Peep; Mellikov, Enn; Krunks, Malle; Munter, Rein; Uus, Endel; Tearo, Eduard; Kuusik, Rein, keemik; Kreen, Malle; Viikna, Anti; Soone, Jüri Leitudajaid ja leiutisi Tallinna Tehnikaülikoolis 1922-2007 2008 / lk. 48-71 : ill https://www.esther.ee/record=b2412718*est

Keemiainstituut

Hödreibärjärv, Helvi; Kreen, Malle; Kuusik, Rein, keemik; Öpik, Andres Teadustegevus / TTÜ 1993 / lk. 45-48

Kinetics of oil shale thermo-oxidation under oxy-fuel conditions

Yörük, Can Rüştü; Meriste, Tõnis; Trikkel, Andres; Kuusik, Rein, keemik 7th Trondheim Conference on CO₂ Capture, Transport and Storage, TCCS-7 : Trondheim, Norway, June 4-6, 2013 : [abstracts] 2013 / [2] p. : ill

Koagulandi saamine glaukoniidist = Obtaining coagulant from glauconite

Kuusik, Rein, keemik; Viisimaa, Ludmilla; Aasamäe, Ernst XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaatid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 89-90 https://www.esther.ee/record=b1070511*est

Kompleksväetiste tootmise võimalustest Eestis

Aasamäe, Ernst; Kuusik, Rein, keemik; Veiderma, Mihkel Teaduslik-praktiline seminar "Keemia pöllumajandusele" : ettekannete teesid, Tallinn, 3-5. dets. 1990 1990 / lk. 30-31 https://www.esther.ee/record=b1213593*est

Kust leida hingejöudu

Kuusik, Rein, keemik Eesti Naine 1997 / november, lk. 18: foto https://artiklid.elnet.ee/record=b2333749*est

Laboratory scale granulation of oil shale ashes

Kaljuvee, Tiit; Hälvlin, Herki; Pototski, Aleksander; Kuusik, Rein, keemik 6th International Granulation Workshop : Granulation Conference, Sheffield, UK, 26th-28th June 2013 2013 / p. 63

Leaching behaviour of Estonian oil shale ash-based construction mortars

Irha, Natalja; Uibu, Mai; Jefimova, Jekaterina; Raado, Lembi-Merike; Hain, Tiina; Kuusik, Rein, keemik Oil shale 2014 / p. 394-411 : ill https://artiklid.elnet.ee/record=b2704135*est <https://doi.org/10.3176/oil.2014.4.07> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Leaching of the water-soluble calcium components of oil shale waste ash = Kaltsiumiühendite leostumine põlevkivituha vesisüsteemides

Tamm, Kadriann 2016 https://www.esther.ee/record=b4561681*est

Leaching thermodynamics and kinetics of oil shale waste key components

Tamm, Kadriann; Kallaste, Priit; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik 5th International Conference on Accelerated Carbonation for Environmental and Material Engineering 2015 : New York, New York, USA, 21-24 June 2015 2015 / p. 143-153

Leaching thermodynamics and kinetics of oil shale waste key components

Tamm, Kadriann; Kallaste, Priit; Uibu, Mai; Kallas, Juha; Velts-Jänes, Olga; Kuusik, Rein, keemik Oil shale 2016 / p. 80-99 : ill https://artiklid.elnet.ee/record=b2760706*est <https://doi.org/10.3176/oil.2016.1.07> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Liquid coagulant for water purification from glauconite

Kuusik, Rein, keemik; Viisimaa, Ludmilla; Aasamäe, Ernst Kemia 94 : Finnish Chemical Congress and Exhibition, Helsinki, 8.-10.11.1994 : abstracts 1994 / p. 36

Lubjakivi-dolomiidi lisandite möju ammoniumnitraadi termilisele käitumisele

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian

Lõppsõna

Kuusik, Rein, keemik 30 aastat Eesti Meestelaulu Seltsi Tallinna Meeskoori : 1989-2019 2019 / lk. 86

https://www.esther.ee/record=b5280542*est

Main physicochemical factors affecting the aqueous carbonation of oil shale ash

Uibu, Mai; Kuusik, Rein, keemik Minerals engineering 2014 / p. 64-70 : ill <https://doi.org/10.1016/j.mineng.2013.10.013> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Mechanochemical method for enrichment of phosphorites

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel 1st International Conference on Mechanochemistry, March 23-26, 1993, Košice, Slovakia : book of abstracts 1993 / p. D12

Mihkel Veiderma 70

Kuusik, Rein, keemik Proceedings of the Estonian Academy of Sciences. Chemistry 2000 / p. 71-73
https://artiklid.elnet.ee/record=b1003257*est

Mineral CO₂ sequestration by aqueous carbonation of oil shale ash from Estonian power production

Uibu, Mai; Kuusik, Rein, keemik International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 66-67 [http://www.esther.ee/record=b4775098*est](https://www.esther.ee/record=b4775098*est)

Mineral sequestration of CO₂ from Vernasca Ca-looping demo system : scale up to a pilot

Usta, Mustafa Cem; Uibu, Mai; Yörük, Can Rüstü; Tamm, Kadriann; Kuusik, Rein, keemik; Trikkel, Andres; Gastaldi, Daniela; Canonico, Fulvio Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 12 p.: ill
<https://ssrn.com/abstract=3812245> <https://doi.org/10.2139/ssrn.3812245>

Mineral trapping of CO₂ for cement industry de-carbonization

Uibu, Mai; Usta, Mustafa Cem; Tamm, Kadriann; Žuravljova, Anastassia; Kallas, Juha; Kuusik, Rein, keemik; Trikkel, Andres 14th Greenhouse Gas Control Technologies Conference Melbourne 21-26 October 2018 (GHGT-14) 2019 / 8 p. : ill
<https://ssrn.com/abstract=3365766>

Mineral trapping of CO₂ in oil shale industry

Tamm, Kadriann; Uibu, Mai; Žuravljova, Anastassia; Usta, Mustafa Cem; Leier, Ae; Kallas, Juha; Kuusik, Rein, keemik; Trikkel, Andres <https://www.ttu.ee/asutused/polevkivi-kompetentsikeskus> 2018 / Poster <https://www.ttu.ee/asutused/polevkivi-kompetentsikeskus/konverentsid-ja-koolitused/polevkivikonverentsid/2018-6/posterettekanded/>

Mineral trapping of CO₂ via oil shale ash aqueous carbonation : controlling mechanism of process rate and development of continuous-flow reactor system

Uibu, Mai; Kuusik, Rein, keemik Oil shale 2009 / 1, p. 40-58 : ill https://artiklid.elnet.ee/record=b1141327*est

Mitigation of negative environmental impact of semicoke

Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres The First International Congress on Petroleum Contaminated Soils, Sediments & Water : August 14-17, 2001, Imperial College, London, UK : abstract and directory 2001 / P. 27

Modeling calcium dissolution from oil shale ash. Part 1, Ca dissolution during ash washing in a batch reactor

Velts, Olga; Hautaniemi, Marjaana; Kallas, Juha; Kuusik, Rein, keemik Fuel processing technology 2010 / 5, p. 486-490 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0378382009003567>

Modeling calcium dissolution from oil shale ash. Part 2, Continuous washing of the ash layer

Velts, Olga; Hautaniemi, Marjaana; Kallas, Juha; Kuosa, Markku; Kuusik, Rein, keemik Fuel processing technology 2010 / 5, p. 491-495 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0378382009003579>

Modeling of calcium leaching from lime-consisting oil shale combustion ash

Velts, Olga; Kallas, Juha; Kuusik, Rein, keemik Third International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME10 : November 29 - December 1, 2010, Turku, Finland : proceedings 2010 / p. 323-326 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0378382009003579>

Modeling of decomposition and sulphation of oil shale carbonates on the basis of natural limestone

Trikkel, Andres; Kuusik, Rein, keemik Oil shale 2003 / 4, p. 491-500 : ill https://artiklid.elnet.ee/record=b1014398*est

Modelling continuous process for precipitated calcium carbonate production from oil shale ash

Modelling continuous process for precipitated calcium carbonate production from oil shale ash

Tamm, Kadriann; Kallas, Juha; Kuusik, Rein, keemik; Uibu, Mai Energy procedia 2017 / p. 5409-5416 : ill

<https://doi.org/10.1016/j.egypro.2017.03.1685> Conference proceedings at Scopus Article at Scopus Article at WOS

Modelling of CO₂ mass transfer and hydrodynamics in a semi-batch reactor

Velts, Olga; Hautaniemi, Marjaana; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik Journal of international scientific publication : materials, methods & technologies 2010 / 2, p. 68-79 : ill

https://www.researchgate.net/publication/284688605_Modelling_of_CO2_mass_transfer_and_hydrodynamics_in_a_semi-batch_reactor

Modelling of decomposition and sulphation processes of oil shale carbonaceous part

Trikkel, Andres; Kuusik, Rein, keemik Abstracts : Symposium on Oil Shale 2002, 18-21 November 2002, Tallinn, Estonia 2002 / p. 70-71

https://www.researchgate.net/publication/228493894_Modeling_of_decomposition_and_sulphation_of_oil_shale_carbonates_on_the_basis_of_natural_limestone https://www.est.ee/record=b1703301*est

Modelling SO₂ capture by Estonian limestones and dolomites

Trikkel, Andres; Zevenhoven, Ron; Kuusik, Rein, keemik Proceedings of the Estonian Academy of Sciences. Chemistry 2000 / 1, p. 53-70 https://artiklid.elnet.ee/record=b1003256*est

Modificated CaS process on the basis of phosphogypsum

Trikkel, Andres; Kuusik, Rein, keemik Tallinna Tehnikaülikooli Toimetised 1994 / lk. 45-57: ill

Mõnede Eesti maavarade uutest kasutusvõimalustest

Kuusik, Rein, keemik XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 61-64

Möttetu tuhk või väärthuslik teeman?

Alvela, Ain Tehnikamaailm 2018 / lk. 80-84 : fot http://www.est.ee/record=b1073050*est https://artiklid.elnet.ee/record=b2834540*est

Natural minerals opoka and glauconite as sorbents for acidic gases

Kavaliauskaite, Inga; Denafas, Gintaras; **Uibu, Mai; Kuusik, Rein, keemik** Environmental research, engineering and management 2006 / 3, p. 36-42 : ill

https://www.researchgate.net/publication/228751613_Natural_Minerals_Opoka_and_Glaucosite_as_Sorbents_for_Acidic_Gases

A new dual coagulant for water purification

Kuusik, Rein, keemik; Viisimaa, Ludmilla Water research 1999 / 9, p. 2075-2082: ill

A new perspective on fluorapatite dissolution in hydrochloric acid : thermodynamic calculations and experimental study

Tönsuaadu, Kaia; Kallas, Juha; Kuusik, Rein, keemik; Hacialioğlu-Erlenheim, Gizem; Trikkel, Andres Inorganics 2021 / art. 65, 11 p. : ill <https://doi.org/10.3390/inorganics9080065> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Occurrence of heavy metals in phosphate fertilizers and industrial wastes

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

Oil shale ash as a catalyst in wastewater treatment in the pulp and paper industry

Kindsigo, Merit; Kuusik, Rein, keemik; Kallas, Juha Waste management and the environment. V 2010 / p. 403-414 : ill

Oil shale ash as a source of calcium for calcium carbonate : process feasibility, mechanism and modeling = Põlevkivistuhk kaltsiumkarbonaadi toormena : protsessi teostatavus, mehhanism ja modelleerimine

Velts, Olga 2011

Oil shale ash based backfilling concrete - strength development, mineral transformations and leachability

Uibu, Mai; Somelar, Peeter; Raado, Lembi-Merike; Irla, Natalja; Hain, Tiina; Koroljova, Arina; Kuusik, Rein, keemik

Construction and building materials 2016 / p. 620-630 : ill <https://doi.org/10.1016/j.conbuildmat.2015.10.197> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oil shale ash based stone formation - hydration, hardening dynamics and phase transformations

Raado, Lembi-Merike; Kuusik, Rein, keemik; Hain, Tiina; Uibu, Mai; Somelar, Peeter Oil shale 2014 / p. 91-101 : ill

https://artiklid.elnet.ee/record=b2664060*est <https://doi.org/10.3176/oil.2014.1.09> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oil shale ash deposits as natural CO₂ binders

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit; Keltman, A. Fifth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe : 12-14 September 2000, Prague, Czech Republic : symposium program 2000 / p. 155

Oil shale ash deposits as natural CO₂ binders [Electronic resource]

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit; Keltman, A. Fifth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe : 12-14 September 2000, Prague, Czech Republic : proceedings 2001 / [9] p., [CD-ROM]

Oil shale ashes as binders of acid gases

Kuusik, Rein, keemik; Kaljuvee, Tiit; Kulp, Igor; **Uibu, Mai** Abstracts : Symposium on Oil Shale 2002, 18-21 November 2002, Tallinn, Estonia 2002 / p. 71-72 https://www.esther.ee/record=b1703301*est

Oil shale ashes as dry sorbents for acidic flue gases

Trikkel, Andres; Kaljuvee, Tiit; Keelmann, Merli; Kuusik, Rein, keemik International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 92-93 http://www.esther.ee/record=b4775098*est

Open-air deposition of Estonian oil shale ash : formation, state of art, problems and prospects for the abatement of environmental impact

Kuusik, Rein, keemik; Uibu, Mai; Kirsimäe, Kalle; Mötlep, Riho; Meriste, Tõnis Oil shale 2012 / p. 376-403 : ill
https://kirj.ee/public/oilshale_pdf/2012/issue_4/Oil-2012-4-376-403.pdf

Options for geological storage of CO₂ in the Baltic Sea region

Sliaupa, Saulius; Šogenova, Alla; Šogenov, Kazbulat; Kuusik, Rein, keemik 3rd International Conference Geosciences and Environment : 27-29 May 2012, Belgrade 2012 / p. 80-83 : ill

Oxy-fuel combustion of Estonian oil shale : kinetics and modeling

Yörük, Can Rüştü; Meriste, Tõnis; Trikkel, Andres; Kuusik, Rein, keemik Energy procedia 2016 / p. 124-133 : ill
<https://doi.org/10.1016/j.egypro.2016.01.013> Conference Proceedings at Scopus Article at Scopus Article at WOS

PAHs in leachates from thermal power plant wastes and ash-based construction materials

Irha, Natalja; Reinik, Jane; Jefimova, Jekaterina; Koroljova, Arina; Raado, Lembi-Merike; Hain, Tiina; Uibu, Mai; Kuusik, Rein, keemik Environmental science and pollution research 2015 / p. 11877-11889 : ill <https://doi.org/10.1007/s11356-015-4459-x> Journal metrics at Scopus Article at Scopus Article at WOS

Phosphorus removal from solutions by carbonaceous wastes

Veskimäe, Helgi; Kuusik, Rein, keemik; Veiderma, Mihkel Proceedings of the Estonian Academy of Sciences. Chemistry 1997 / 1/2, p. 21-30

Physicochemical factors affecting aqueous carbonation of oil shale ash

Uibu, Mai; Kuusik, Rein, keemik; Veiderma, Mihkel Proceedings of the 4th International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME 2013 : April 9-12, 2013, Leuven, Belgium 2013 / p. 295-304 : ill

Physico-chemical transformations during thermal treatment of phosphorites and solubility of the products

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Third International Symposium on Inorganic Phosphate Materials : Villeneuve d'Ascq, France, September 14-16, 1999 : book of abstracts 1999 / p. P.2.17
https://www.researchgate.net/publication/276322876_PHYSICO-CHEMICAL_TRANSFORMATIONS_DURING_THERMAL_TREATMENT_OF_PHOSPHORITES_AND_SOLUBILITY_OF_THE_PRODUCTS

Physico-chemical transformations during thermal treatment of phosphorites and solubility of the products

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Phosphorus research bulletin 1999 / Special issue: Proceedings of the Third International Symposium on Inorganic Phosphate Materials '99 : Villeneuve d'Ascq, France, September 14-16, 1999, p. 335-340: ill

Possibilities for geological storage and mineral trapping of industrial CO₂ emissions in the Baltic region

Šogenova, Alla; Sliaupa, Saulius; Šogenov, Kazbulat; Sliaupiene, Rasa; Pomeranceva, Raisa; Vaher, Rein; Uibu, Mai; Kuusik, Rein, keemik Energy procedia 2009 / p. 2753-2760 : ill

Possibilities of deeper desulfurization of blue gases by oil shale ash components in different burning technologies

Rundögin, J.; Alfimov, G.; Rundögin, A.; Grigorjev, K.; Maarend, Jaak; Arhipov, J.; **Kuusik, Rein, keemik** Oil shale 1997 / 2, p. 115-131

Predicting CO₂ and SO₂ emissions in the Baltic States through reorganization of energy infrastructure

Denafas, Gintaras; Sitnikovas, Denisas; Galinis, Arvydas; Kudrenickis, Ivars; Klavs, Gaidis; **Kuusik, Rein, keemik** Environment international 2004 / p. 1045-1053 : ill

Prediction of flue gas composition and comparative overall process evaluation for air and oxyfuel combustion of Estonian oil shale, using aspen plus process simulation

Yörük, Can Rüstu; Trikkel, Andres; Kuusik, Rein, keemik Energy & fuels 2016 / p. 5893-5900 : ill

<https://doi.org/10.1021/acs.energyfuels.6b00022> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Preparation of carbon aerogels from 5-methylresorcinol-formaldehyde gels

Perez-Caballero, Fernando; Peikolainen, Anna-Liisa; Uibu, Mai; Kuusik, Rein, keemik; Volobujeva, Olga; Koel, Mihkel Microporous and mesoporous materials 2008 / p. 230-236 : ill

Problems of desulfurization of flue gas at Estonian and Baltic thermal power plants

Kuusik, Rein, keemik; Kaljuvee, Tiit; Jegorov, D.; Maarend, Jaak Energy and environment 1991 : International Symposium on Energy and Environment, August 25-28, 1991, Espoo, Finland 1991 / p. 489

Production of magnesium carbonates from serpentinite for long-term storage of CO₂

Teir, Sebastian; Kuusik, Rein, keemik; Fogelholm, Carl-Johan; Zevenhoven, Ron International journal of mineral processing 2007 / [15] p <https://www.sciencedirect.com/science/article/pii/S0301751607001780>

Professor Rein Kuusiku kõne 2009. aasta teaduse riikliku preemia laureaatide nimel

Kuusik, Rein, keemik Mente et Manu 2010 / lk. 2 : fot https://www.esther.ee/record=b1242496*est

Projekti Global Traps neljas töoseminar : [Marokos 16.-18. märtsil 2012]

Kuusik, Rein, keemik Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 260-263

Prospects for CO₂ mineralization in Estonia

Kuusik, Rein, keemik; Uibu, Mai GEO ENeRGY : the newsletter of the ENeRG Network 2012 / p. [3] : ill

Prospects for use of oil shale fly ash as filler in polymeric compounds

Viikna, Anti; Süld, Tii-Maaja; Kuusik, Rein, keemik International oil shale symposium : Tallinn, Estonia, June 10-13, 2013 2013 / p. 77

Prospects in waste oil shale ash sustainable valorization

Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik World Academy of Science, Engineering and Technology 2011 / p. 451-455 : ill

Pölevkivi tolmpõletus- ja keevkihtuhkade vesisuspensiooni karboniseerimine

Uibu, Mai; Muulmann, Mari-Liis; Kuusik, Rein, keemik XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 126

Pölevkivituha kasutamise laiendamiseks on käivitunud mitu uut projekti

Kuusik, Rein, keemik; Meriste, Tõnis; Pototski, Aleksander Keskonnatehnika 2012 / lk. 8-9
https://artiklid.elnet.ee/record=b2491972*est

Pölevkivituha korduvkasutamine SO₂ sorbendina

Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 59: ill

Pölevkivituha vesisuspensioonid CO₂ sidujana

Uibu, Mai; Kuusik, Rein, keemik XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 154-155

Pölevkivituuhk väaveldioksiidi sidujana

Kaljuvee, Tiit; Trikkel, Andres; Kuusik, Rein, keemik XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 37-39

Pölevkivituhkade reaktsioonivõime väaveldioksiidiga = Reactivity of oil shale ashes towards sulphur dioxide

Trikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 209-210 https://www.esther.ee/record=b1070511*est

Reactivity of oil shale ashes in SO₂ and CO₂ binding

Kaljuvee, Tiit; Trikkel, Andres; Kulp, Igor; Kuusik, Rein, keemik First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 52-53

Reactivity of oil shale ashes in the binding of SO₂

Kaljuvee, Tiit; Toom, Merli; Trikkel, Andres; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2007 / 1, p. 51-58 : ill

Reactivity of oil shale ashes towards SO₂

Kaljuvee, Tiit; Toom, Merli; Trikkel, Andres; Kuusik, Rein, keemik ESTAC 9 : 9th European Symposium on Thermal Analysis and Calorimetry : 27-31 August 2006, Krakow, Poland : [book of abstracts] 2006 / p. 245

Reactivity of oil shale ashes towards sulfur dioxide. 2, Low-temperature ashes formed by using CFBC technology

Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres; Arro, Hendrik Oil shale 1999 / 1, p. 51-63: ill
https://artiklid.elnet.ee/record=b1000612*est

Reactivity of oil shale ashes towards sulfur dioxide. 3, Recurrent use of ash for flue gas purification

Kuusik, Rein, keemik; Kaljuvee, Tiit; Veskimäe, Helgi; Roundygin, Yu.; Keltman, A. Oil shale 1999 / 4, p. 303-313: ill
https://artiklid.elnet.ee/record=b1000612*est

Reactivity of oil shale ashes towards sulfur dioxide. 1, Activation of high-temperature ashes

Kaljuvee, Tiit; Trikkel, Andres; Kuusik, Rein, keemik Oil shale 1997 / 3, p. 393-407: ill

Recurrent use of oil shale ash as sorbent for SO₂ removal

Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 65

Reducing of carbon dioxide emissions at oil shale ash deposition

Pihu, Tõnu; Arro, Hendrik; Konist, Alar; Kuusik, Rein, keemik; Prikk, Arvi; Uibu, Mai International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 49-50
http://www.estet.ee/record=b4775098*est

Reduction of CO₂ emissions by carbonation of alkaline wastewater

Uibu, Mai; Velts, Olga; Trikkel, Andres; Kuusik, Rein, keemik Air pollution XVI 2008 / p. 311-320 : ill

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

Refined coagulant for water purification from Estonian glauconite. 2, Characteristics of the products and solid wastes

Kuusik, Rein, keemik; Viisimaa, Ludmilla; Aasamäe, Ernst Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 1/2, p. 56-69

Rein Kuusik : [elulooandmeid]

Kuusik, Rein, keemik Jõgeva Keskkooli XI lennu lugu 1959-2019 2019 / lk. 52-53 : fot https://www.estet.ee/record=b5232099*est

Reuse of waste ashes formed at oil shale based power industry in Estonia

Kuusik, Rein, keemik; Uibu, Mai; Trikkel, Andres; Kaljuvee, Tiit Waste management and the environment III 2006 / p. 111-120 : ill

A review of mineral carbonation technologies to sequester CO₂

Sanna, Aimaro; Uibu, Mai; Caramanna, Giorgio; Kuusik, Rein, keemik; Maroto-Valer, M. Mercedes Chemical Society reviews 2014 / p. 8049-8080 : ill <https://doi.org/10.1039/C4CS00035H> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Role of defects in the physiological fate of carbon nanomaterials

Käkinen, Aleksandr; Kuusik, Rein, keemik TÜ ja TTÜ doktorikool "Funktionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Saateks = Foreword

Kuusik, Rein, keemik Anorgaaniliste materjalide teaduslaboratoorium 2002-2014 : bibliograafia = Laboratory of inorganic materials 2002-2014 : bibliography 2015 / lk. 7-14 https://www.estet.ee/record=b4480425*est

Seasonal binding of atmospheric CO₂ by oil shale ash

Uibu, Mai; Kuusik, Rein, keemik; Veskimäe, Helgi Oil shale 2008 / 2, p. 254-266 : ill https://artiklid.elnet.ee/record=b2384425*est

Separation of phases by acidic treatment of glaukonite

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

Simplified model of oxy-combustion for Estonian oil shale

Yörük, Can Rüştü; Trikkel, Andres; Uibu, Mai; Kuusik, Rein, keemik TÜ ja TTÜ doktorikool "Funktionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

SO₂ binding at the combustion of oil shale in the mixture with semicoke

Trikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik The Baltic Sea and Its Environment : ESTO-96 Twin Symposium, August 6 and 9, 1996, Stockholm-Tallinn 1997 / p. 76-77

SO₂ binding by co-combustion of oil shale and coal

Kaljuvee, Tiit; Kuusik, Rein, keemik 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 26

SO₂ binding during CO-combustion of fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik; Trikkel, Andres Third International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 10-13, 1996, Warsaw, Poland : proceedings 1996 / p. 864-866

SO₂ binding during CO-combustion of fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik; Trikkel, Andres Third International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 10-13, 1996, Warsaw, Poland : symposium program 1996 / p. 105

SO₂ binding into the solid phase at thermooxidation of blends based on Estonian oil shale semicoke

Kaljuvee, Tiit; Kuusik, Rein, keemik; Trikkel, Andres ESTAC 8 : 8th European Symposium on Thermal Analysis and Calorimetry, Barcelona, Spain, August 25-29, 2002 : abstracts book 2002 / p. 26

SO₂ binding into the solid phase during thermooxidation of blends : Estonian oil shale semicoke

Kaljuvee, Tiit; Kuusik, Rein, keemik; Trikkel, Andres 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 1. ISBN 963-05-8043-8. p. 393-404 : ill <https://link.springer.com/article/10.1023/A:1023973231597>

Some possibilities of granulation of oil shale ashes

Kaljuvee, Tiit; Hälvlin, Herki; Loide, Valli; Kuusik, Rein, keemik International oil shale symposium : Tallinn, Estonia, June 10-13, 2013 2013 / p. 73-74

Strength development and leachability of oil shale ash based backfilling concrete

Uibu, Mai; Somelar, Peeter; Raado, Lembi-Merike; Irla, Natalja; Kuusik, Rein, keemik International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 46-47

Strong and chemically inert sinter crystallised glass ceramics based on Estonian oil shale ash

Maragoni, Mauro; Ponsot, I.; **Kuusik, Rein, keemik**; Bernardo, E. Advances in applied ceramics 2014 / p. 120-128 : ill <https://doi.org/10.1179/1743676113Y.0000000132> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Study of thermooxidation of oil shale samples and basics of processes for utilization of oil shale ashes

Kaljuvee, Tiit; Uibu, Mai; Yörük, Can Rüştü; Einard, Marve; Trikkel, Andres; Kuusik, Rein, keemik; Trass, Olev; Štubna, Igor; Hulan, Tomaš; Loide, Valli; Jefimova, Jekaterina Minerals 2021 / at. 193 <https://doi.org/10.3390/min11020193> Journal metrisc at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sulphation and carbonization of oil shale CFBC ashes in heterogeneous systems

Kuusik, Rein, keemik; Uibu, Mai; Toom, M.; Muulmann, Mari-Liis; Kaljuvee, Tiit; Trikkel, Andres Oil shale 2005 / 4S, p. 421-434 : ill https://artiklid.elnet.ee/record=b2352615*est

Sulphation of Estonian calcareous rocks

Trikkel, Andres; Aasa, Priit; Kuusik, Rein, keemik ESTAC-7 : 7th European Symposium on Thermal Analysis and Calorimetry, Aug. 30 - Sept. 4, 1998, Balatonfüred, Hungary : book of abstracts 1998 / p. 324

Sõbrad, meie röömsas ringis... : [TPI Akadeemilise meeskoori 20. aastapäevaks]

1965 https://www.estet.ee/record=b1143644*est

Süsihaptegaasi sidumine põlevkivituhaga looduslikes tingimustes

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaatid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 73

Süsiniidi emisiioni piiramine energiatootmises - suundumused maailmas ja perspektiivid Eestis

Kuusik, Rein, keemik; Uibu, Mai XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 51

Teaduspreemia tehnikateaduste alal tööde tsükli "Uurimusi happeliste gaaside emissiooni piiramiseks energeetikas"

eest : [Rein Kuusik (kollektiivi juht), Andres Trikkel, Tiit Kaljuvee]

Kuusik, Rein, keemik; Trikkel, Andres; Kaljuvee, Tiit Eesti Vabariigi teaduspreemiad 2010 2010 / lk. 86-109 : fot., ill

Techno-economic modelling of the Baltic CCUS onshore scenario

Šogenova, Alla; Šogenov, Kazbulat; Uibu, Mai; Kuusik, Rein, keemik; Simmer, Karl Baltic Carbon Forum 2022 / p. 4

<https://doi.org/10.21595/bcf.2022.22841>

Techno-economic modelling of the Baltic CCUS onshore scenario : [PowerPoint presentation]

Šogenova, Alla; Šogenov, Kazbulat; Simmer, Karl; Uibu, Mai; Kuusik, Rein, keemik 2022

[https://bcforum.net/forum_presentations2022/03_03_Dr.%20Alla%20Shogenova%20\(TalTech,%20Estonia\)%20.pdf](https://bcforum.net/forum_presentations2022/03_03_Dr.%20Alla%20Shogenova%20(TalTech,%20Estonia)%20.pdf)

Techno-economic modelling of the Baltic CCUS onshore scenario for the cement industry supported by CLEANKER project

Šogenova, Alla; Šogenov, Kazbulat; Uibu, Mai; Kuusik, Rein, keemik; Simmer, Karl; Canonico, Fulvio Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 13 p. : ill <https://ssrn.com/abstract=3817710>
<https://doi.org/10.2139/ssrn.3817710>

Teenitud tunnustus : [tänusõnad keemiahoone renoveeritud juurdeehituse eest]

Kuusik, Rein, keemik Mente et Manu 2004 / 20. veebr., lk. 5 : fot https://www.esther.ee/record=b1242496*est

Termilised protsessid fosfaatide tehnoloogias

Kuusik, Rein, keemik Tallinna Polütehnika : TPI parteikomitee, rektoraadi, komsomolikomitee, ametiühingukomitee häälekandja 1984 / lk. 2 https://www.esther.ee/record=b1254708*est <https://digikogu.taltech.ee/et/item/1d57a69a-61e6-4b8b-8ccf-0e01cdb1e712>

TG-FTIR analysis of oxidation kinetics of some solid fuels under oxy-fuel conditions

Meriste, Tõnis; Yörük, Can Rüştü; Trikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2013 / p. 483-489 : ill <https://doi.org/10.1007/s10973-013-3063-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TG-FTIR analysis of oxidation kinetics of some solid fuels under oxy-fuel conditions

Meriste, T.; Yörük, Can Rüştü; Trikkel, Andres; Kuusik, Rein, keemik ICTAC 15 - 15th International Congress on Thermal Analysis and Calorimetry : August 20-24, 2012, Osaka 2012 <https://link.springer.com/article/10.1007/s10973-013-3063-x>

The behaviour of Ca-Mg-silicates in direct aqueous carbonation of oil shale ash [Electronic resource]

Uibu, Mai; Kuusik, Rein, keemik Innovation for Sustainable Production 2010. Conference 5. Carbon Capture and Storage (CCS) : [18-21 April, 2010] : proceedings 2010 / p. 75-79 : ill. [CD-ROM]

The CO₂-binding by Ca-Mg-silicates in direct aqueous carbonation of oil shale ash and steel slag

Uibu, Mai; Kuusik, Rein, keemik; Andreas, Lale; Kirsimäe, Kalle Energy procedia 2011 / p. 925-932 : ill https://www.researchgate.net/publication/251711714_The_CO_2_-binding_by_Ca-Mg-silicates_in_direct_aqueous_carbonation_of_oil_shale_ash_and_steel_slag

The composition and properties of ash in the context of the modernisation of oil shale industry

Uibu, Mai; Tamm, Kadriann; Viires, Regiina; Reinik, Janek; Somelar, Peeter; Raado, Lembi-Merike; Hain, Tiina; Kuusik, Rein, keemik; Trikkel, Andres Oil shale 2021 / p. 155–176 : ill <https://doi.org/10.3176/oil.2021.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The emission of sulphur dioxide during thermal treatment of some fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik ESTAC-7 : 7th European Symposium on Thermal Analysis and Calorimetry, Aug. 30 - Sept. 4, 1998, Balatonfüred, Hungary : book of abstracts 1998 / p. 306 <https://link.springer.com/article/10.1023/A:1010133801908>

The influence of lime-containing additives on the thermal behaviour of ammonium nitrate

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik Book of abstracts : MEDICTA 2007 : the 8th Mediterranean Conference on Calorimetry and Thermal Analysis : September 25th - September 29th, 2007, Palermo, Italy 2007 / p. 210 <https://link.springer.com/content/pdf/10.1007/s10973-007-8769-1.pdf>

The Nordic CO₂ sequestration (NoCO₂) project

Mattisson, Tobias; Lyngfelt, Anders; Zevenhoven, Ron; Gundersen, Truls; Stenby, Erling H.; Kuusik, Rein, keemik; Denafas, Gintaras; Ilinsky, Alexander; Blumberga, Dagnija GHGT-8 : 8th International Conference on Greenhouse Gas Control Technologies : 19-22 June 2006, Trondheim, Norway : book of abstracts, posters 2006 / p. 215-216

The role of MgO in the binding of SO₂ by lime-containing materials

Kaljuvee, Tiit; Trikkel, Andres; Kuusik, Rein, keemik; Bender, Villem 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. 315 <https://link.springer.com/article/10.1007/s10973-005-0699-1>

The role of MgO in the binding of SO₂ by lime-containing materials

Kaljuvee, Tiit; Trikkel, Andres; Kuusik, Rein, keemik; Bender, Villem Journal of thermal analysis and calorimetry 2005 / p. 591-597

The role of physico-chemical properties and test environment on biological effects of copper and silver nanoparticles = Vase ja hõbeda nanoosakeste füüsikalise-keemiliste omaduste ja testikeskkonna mõju nende bioloogilisele toimele
Käkinen, Aleksandr 2014 https://www.esther.ee/record=b3078755*est

The sulfur intermediate oxidation forms in oil shale ash suspension

Tamm, Kadriann; Kuusik, Rein, keemik; Uibu, Mai; Kallas, Juha; Priks, Hans TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p

Thermal analysis of oxy-combustion of Estonian oil shale : kinetics of process stages

Trikkel, Andres; Meriste, Tõnis; Yörük, Can Rüştü; Kuusik, Rein, keemik 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015 / p. 59

Thermal and kinetic characteristics of some oil shale samples

Kaljuvee, Tiit; Kuusik, Rein, keemik Petkova, Vilma Thermophysics and mass transfer in materials science and construction 2015 / p. 67-74 <http://dx.doi.org/10.4028/www.scientific.net/AMR.1126.67>

Thermal behavior of some Estonian clays and their mixtures with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Somelar, Peeter; Mikli, Valdek; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2014 / p. 891-899 : ill <https://doi.org/10.1007/s10973-014-3797-0> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Thermal behaviour of some Estonian clays and their mixtures with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Somelar, Peeter; Mikli, Valdek; Kuusik, Rein, keemik Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 231

Thermal decomposition of calcium sulfate in carbon monoxide

Kuusik, Rein, keemik; Saikonen, P.; Niinistö, Lauri Journal of thermal analysis : an international forum for communications on thermal investigations 1985 / p. 187-193 : ill https://www.estr.ee/record=b1524801*est

Thermal processes for utilizing waste phosphogypsum

Trikkel, Andres; Kuusik, Rein, keemik Kemia-kemi 1991 / p. 970 https://www.estr.ee/record=b1201067*est

Thermal processing of phosphogypsum

Kuusik, Rein, keemik; Veiderma, Mihkel Proceedings of the Third International Symposium on Phosphogypsum, Orlando, Florida : December 1990. Vol. 1 1990 / p. 267-279 : ill

Thermodynamic and kinetic study of CaS in aqueous systems

Tamm, Kadriann; Uibu, Mai; Kallas, Juha; Kallaste, Priit; Velts-Jänes, Olga; Kuusik, Rein, keemik Fuel processing technology 2016 / p. 242-249 : ill <https://doi.org/10.1016/j.fuproc.2015.10.029> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Thermogravimetric analysis and process simulation of oxyfuel combustion of blended fuels including oil shale, semicoke, and biomass

Yörük, Can Rüştü; Meriste, Tõnis; Sener, Sener; Kuusik, Rein, keemik; Trikkel, Andres International journal of energy research 2018 / p. 2213–2224 : ill <https://doi.org/10.1002/er.4011> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

A thermogravimetric method for comparing the SO₂-binding abilities of different lime-containing materials

Kuusik, Rein, keemik; Trikkel, Andres Journal of thermal analysis 1995 / p. 111-121: ill

Thermo-oxidation characteristics of oil shale and oil shale char under oxy-fuel combustion conditions

Yörük, Can Rüştü; Meriste, Tõnis; Trikkel, Andres; Kuusik, Rein, keemik ESTAC-11 : the 11th European Symposium on Thermal Analysis and Calorimetry : Dipoli Congress Center, Espoo, Finland, August 17-21, 2014 : abstracts 2014 / p. 102

Thermo-oxidation characteristics of oil shale and oil shale char under oxy-fuel combustion conditions

Yörük, Can Rüştü; Meriste, Tõnis; Trikkel, Andres; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2015 / p. 509-516 : ill <https://doi.org/10.1007/s10973-015-4484-5> [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 ESTAC10 : 10th European Symposium on Thermal Analysis and Calorimetry : August 22-27, 2010, Rotterdam, The Netherland : abstract book 2010 / p. 145 <https://link.springer.com/article/10.1007/s10973-010-1033-0>

Thermooxidative decomposition of oil shales

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

Transformation of calcareous oil-shale circulating fluidized-bed combustion boiler ashes under wet conditions

Liira, Martin; Kirsimäe, Kalle; **Kuusik, Rein, keemik**; Mõtlep, Riho Fuel 2009 / p. 712-718 : ill
<https://www.sciencedirect.com/science/article/pii/S0016236108003268>

Transformations in oil shale ash at wet deposition

Kuusik, Rein, keemik; Paat, Aadu; Veskimäe, Helgi; Uibu, Mai Oil shale 2004 / 1, p. 27-42 : ill
https://artiklid.elnet.ee/record=b1015101*est

Transformations in the solid and liquid phase at aqueous carbonization of oil shale ash

Uibu, Mai; Trikkel, Andres; Kuusik, Rein, keemik Ecosystems and sustainable development. VI 2007 / p. 473-482 : ill

Transformations of sulfides during aqueous carbonation of oil shale ash

Tamm, Kadriann; Kuusik, Rein, keemik; Uibu, Mai; Kallas, Juha GHGT-11 Proceedings of the 11th International Conference on Greenhouse Gas Control Technologies, 18-22 November 2012, Kyoto, Japan 2013 / p. 5905-5912 : ill
<https://doi.org/10.1016/j.egypro.2013.06.516> Conference Proceedings at Scopus Article at Scopus Article at WOS

Transformations of sulfur compounds in oil shale ash suspension

Tamm, Kadriann; Kuusik, Rein, keemik; Uibu, Mai; Kallas, Juha Waste management and the environment VI 2012 / p. 25-35 : ill
<https://www.witpress.com/elibrary/wit-transactions-on-ecology-and-the-environment/163/23681>

Transitions of sulphur compounds at combustion of oil shale processing solid waste

Kaljuvee, Tiit; Kuusik, Rein, keemik; Trikkel, Andres; Radin, Maia Abstracts : Symposium on Oil Shale 2002, 18-21 November 2002, Tallinn, Estonia 2002 / p. 83-84 https://www.estet.ee/record=b1703301*est

Tulemuslikkus, tulemuslikkus!

Kuusik, Rein, keemik; Küttner, Rein Tehnikaülikool 1997 / 24. märts, lk. 8 https://www.estet.ee/record=b5309277*est

Tööstusjäätmek 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

Types of oil shale ash and methods for increasing their reactivity

Kuusik, Rein, keemik; Kaljuvee, Tiit Turning a problem into a resource: remediation and waste management at the Sillamäe site, Estonia 2000 / p. 215-222 https://link.springer.com/chapter/10.1007/978-94-011-4092-8_26

Use of a dry SO₂-removal method at thermal power plants

Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres; Jegorov, D. Chemrawn VIII : World Conference on Chemistry and Sustainable Development Towards a Clean Environment, Zero Wastes, and Highest Energy Efficiency, Moscow, 7-10 Sept. 1992 1992

Use of oil shale waste ash for flue gas desulphurization

Rundögin, J.; Alfimov, G.; Grigoryev, K.A.; Rundögin, A.; **Kuusik, Rein, keemik; Kaljuvee, Tiit** Proceedings of the 4th International Symposium on Coal Combustion : 4th ISCC : August 18-21, 1999, Beijing, P.R. China 1999 / p. 171-176

Using thermogravimetry to determine the SO₂ binding ability of different calcium-based sorbents

Trikkel, Andres; Kuusik, Rein, keemik; Kaljuvee, Tiit 15th Nordic Symposium for Thermal Analysis and Calorimetry, Helsinki, Finland, Nov. 13-15, 1996 : programme, extended abstracts 1996 / P.10 [2 p.]

Utilization of Estonian oil shale retorting solid waste

Trikkel, 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 Estonian oil shale semicoke

Trikkel, Andres; Kuusik, Rein, keemik; Martins, Ants; Pihu, Tõnu; Stencel, John M. Fuel processing technology 2008 / p. 756-763 : ill

Utilization of granulated oil shale ashes for neutralizing of acidic soils

Kaljuvee, Tiit; Loide, Valli; Einard, Marve; Kuusik, Rein, keemik 3rd International Congress on Water, Waste and Energy Management : Rome, Italy, July 18-20, 2016 : abstracts book 2016 / [4] p. : ill

Utilization of oil shale ash as a concrete constituent and carbon sink

Uibu, Mai; Somelar, Peeter; Raado, Lembi-Merike; Irla, Natalja; Koroljova, Arina; Kuusik, Rein, keemik 5th International Conference on Accelerated Carbonation for Environmental and Material Engineering 2015 : New York, New York, USA, 21-24 June 2015 2015 / p. 120-129 : ill

Utilization of oil shale ash to prepare PCC : leachability dynamics and equilibrium in the ash-water system

Velts, Olga; Uibu, Mai; Rudjak, Irina; Kallas, Juha; Kuusik, Rein, keemik Energy procedia 2009 / p. 4843-4850 : ill

Utilization of oil shale combustion wastes for PCC production : quantifying the kinetics of Ca(OH)₂ and CaSO₄·2H₂O 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 oil shale semi-coke - state of art and prospects

Kuusik, Rein, keemik; Kana, Aadu; Karp, Kadri; Martins, Ants; Pihu, Tõnu; Tenno, Toomas; Trikkel, Andres International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 43-44 http://www.ester.ee/record=b4775098*est

Uurimusi happeliste gaaside emissiooni piiramiseks energeetikas

Kuusik, Rein, keemik XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 16

Uurimusi happeliste gaaside emissiooni piiramiseks energeetikas : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööde tsüklile

Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres Tallinna Tehnikaülikooli aastaraamat 2010 2011 / lk. 185-202 : ill

Uus struktuuriüksus - anorgaaniliste materjalide teaduslaboratoorium

Kuusik, Rein, keemik Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 155-159

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

Water purification coagulant from a new raw material - glauconite

Kuusik, Rein, keemik; Kudrjavtseva, Jelena Kemia 93 : Finnish Chemical Congress and Exhibition, Helsinki, 2.-4. nov. 1993 : abstracts 1993

Veepuhastuskoagulant saaksime ise toota

Kuusik, Rein, keemik Päevaleht 1992 / 11. märts

50 aastat töhusat teadust

Kuusik, Rein, keemik Mente et Manu 2015 / lk. 12-13 : fot https://artiklid.elnet.ee/record=b2738542*est

Vääveldioksiidi emissioon põlevkivi poolkoksi põletamisel

Kuusik, Rein, keemik; Kaljuvee, Tiit Keskkonnatehnika 2003 / 3, lk. 22-24, 26 : ill https://artiklid.elnet.ee/record=b1012809*est

Vääveldioksiidi emissioon tahkütuste termooksüdatsoonil

Kaljuvee, Tiit; Kuusik, Rein, keemik XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 42

Vääveldioksiidi püüdmisest Narva soojuselektrijaamades

Kuusik, Rein, keemik Tehnika ja Tootmine 1992 / 9, lk. 21-22, 32: joon

Väävliühendid põlevkivituha märgkarboniseerimisel

Tamm, Kadriann; Uibu, Mai; Kuusik, Rein, keemik; Kallas, Juha XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 78

Агломерация фосфорита при обжиге его в печи кипячего слоя

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veskimäe, Helgi Комплексная переработка фосфатного сырья. Анализ природных и технических объектов 1989 / с. 42-51

Введение микроэлементов в суперфосфат в условиях действующего производства

Березин Г.Г.; Ревкуц А.А.; Kuusik, Rein, keemik; Veiderma, Mihkel; Воронова Т.В. Химическая промышленность 1992 / 1, с. 17-19

Введение микроэлементов в суперфосфат в условиях действующего производства

Березин Г.Г.; Viisimaa, Ludmilla; Kuusik, Rein, keemik; Смирнова Л.В.; Воронова Т.В. Перспективы развития и использования минеральных удобрений с микроэлементами : тезисы докладов научно-производственной конференции, 13-15 нояб., 1990 г., г.Киев 1990 / с. 42

Високотемпературно преработване на фосфогипс от северноафрикански фосфорити до вар и серен двуокис

Восстановление фосфогипса до сульфида кальция

Kuusik, Rein, keemik; Trikkel, Andres Тезисы докладов XIII Всесоюзной научной конференции по технологии неорганических веществ и минеральных удобрений, [г. Дзержинск]. Ч. 2 1985 / с. 98

Высокотемпературная переработка фосфогипса на диоксид серы и известь в псевдоожженном слое : автореферат ... кандидата технических наук (05.17.01)

Kuusk, Anu 1983 https://www.esther.ee/record=b1516432*est

Гидротермическая переработка природных фосфатов в псевдоожженном слое

Kuusik, Rein, keemik; Veiderma, Mihkel; Volkovitš, S. Минеральные удобрения и их применение в сельском хозяйстве : доклады III научно-технической конференции, Варна, 26–28 мая 1975 1975 / с. 194-200

Гранулирование простого суперфосфата на тарельчатом грануляторе

Rostok, T.; Veresinin, V.; Kuusik, Rein, keemik XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 168 https://www.esther.ee/record=b1305565*est

Диффузия реагентов в гранулах фосфогипса при термообработке

Veskimäe, Helgi; Kuusik, Rein, keemik Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1983 / с. 85-93 : ил https://www.esther.ee/record=b1294037*est <https://digikogu.taltech.ee/et/item/ebe3de55-9448-4002-9aec-7e1ef9c57d96>

Диффузия реагентов в гранулах фосфорита в процессе гидротермической переработки

Kuusik, Rein, keemik; Luhakooder, Edvard; Veiderma, Mihkel Журнал прикладной химии 1971 / с. 20-26 : ил., таб https://www.esther.ee/record=b1182398*est

Изменения в природных фосфатах при нагревании и обесфторивании

Veiderma, Mihkel; Kuusik, Rein, keemik; Veskimäe, Helgi Тезисы : [третье Всесоюзное совещание по фосфатам, Рига, 1971] ; Ч. 1 1971 / с. 110 https://www.esther.ee/record=b3798878*est

Изследване на термичното разлагане на механоактивирани смеси от Естонски фосфорит и амониев сулфат

Петкова, В.; Tõnsuaadu, Kaia; Kuusik, Rein, keemik; Пеловски, Й.; Домболов, И.; Петров, Л. Дванадесета научно-техническата сесия Контакт 2003 "Трибология и интердисциплинност" : Трибология 2003 : 30-31 октомври 2003, София 2003 / с. 111-116 : ил

Изучение состава и свойств фосфогипса с применением комплекса методов инструментального анализа

Kuusik, Rein, keemik; Trikkel, Andres; Taremaa, J.U. Пятая научная конференция по аналитической химии Прибалтийских республик, Белорусской ССР и Калининградской области, Вильнюс, 2-3 октября 1986 г. : тезисы докладов ; Ч. 2 1986 / с. 238 https://www.esther.ee/record=b1528661*est

Исследование высокотемпературных процессов утилизации фосфогипса

Kuusik, Rein, keemik; Trikkel, Andres; Veiderma, Mihkel Проблемы промышленной экологии 1988 / с. 48-55

Исследование и испытание процессов термообработки сырья и отходов фосфатной технологии в кипящем слое

Kuusik, Rein, keemik; Veiderma, Mihkel Техника псевдоожжения (кипящего слоя) и перспективы ее развития : Тезисы докладов всесоюзной научно-технической конференции (Ленинград - Поддубская, 27-30 сент. 1988 г.) 1988 / с. 39-40

Исследование кинетики обжига карбонатных фосфоритов

Sirendi, A.; **Kuusik, Rein, keemik** XXXIII Межреспубликанская студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 11-13 апреля 1989 г. : Тезисы докладов. Ч. 1 1989 / с. 97

Исследование кинетики процесса восстановления фосфогипса в псевдоожженном слое

Kuusik, Rein, keemik; Kuusk, Anu; Veiderma, Mihkel Химическая промышленность : ежемесячный научный журнал 1981 / с. 409-411 : ил https://www.esther.ee/record=b1438865*est

Исследование обжига и азотокислотного 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.esther.ee/record=b2191026*est <https://digikogu.taltech.ee/et/item/130509c0-2687-471a-a9f8-1501114a266e>

Исследование обжига карбонатного шлама в печи кипящего слоя

Viisimaa, Ludmilla; Kuusik, Rein, keemik; Veiderma, Mihkel Журнал прикладной химии 1978 / с. 1087-1091 : ил https://www.esther.ee/record=b1182398*est

Исследование обжига разных фосфоритов
Veiderma, Mihkel; Veskimäe, Helgi; Kuusik, Rein, keemik; Lindaru, E. Тезисы докладов IX Всесоюзной научно-технической конференции по технологии неорганических веществ и минеральных удобрений, май 1974 г. Часть I 1974 / с. 24-25
https://www.esther.ee/record=b5513784*est

Исследование обжига фосфорита Карагат в псевдоожженном слое
Veskimäe, Helgi; Kuusik, Rein, keemik; Veiderma, Mihkel Тезисы докладов VIII Всесоюзной научной конференции по технологии неорганических веществ и минеральных удобрений. Май 1972 г. 1972 / с. 231-232

Исследование процесса восстановительного разложения фосфогипса
Kuusik, Rein, keemik; Kuusk, Anu; Veiderma, Mihkel Материалы XII всесоюзной научно-практической конференции "Технология неорганических веществ и минеральных удобрений" : (Тезисы докладов) 1981 / с. 406-407

Исследование процесса высокотемпературной переработки фосфогипса в псевдоожженном слое
Kuusik, Rein, keemik; Kuusk, Anu; Veiderma, Mihkel Минеральные удобрения и их применение в сельском хозяйстве: доклады научно-технической конференции, Варна, 29–31 мая 1978 1978 / с. 142-146

Исследование процесса обжига фосфоритов бассейна Карагат
Veiderma, Mihkel; Veskimäe, Helgi; Kuusik, Rein, keemik Химическая промышленность : ежемесячный научный журнал 1974 / с. 30(270)-33(273) : ил., таб https://www.esther.ee/record=b1438865*est

Исследование процесса термического разложения фосфогипса из карагатского фосфорита
Kuusik, Rein, keemik; Kuusk, Anu; Kärblane, Enn; Veiderma, Mihkel Комплексное использование минерального сырья : ежемесячный журнал 1983 / с. 50-53 : табл., рис https://www.esther.ee/record=b2146072*est

Исследование процесса термической переработки фосфогипса в модельной печи кипящего слоя в токе природного газа
Veiderma, Mihkel; Volkovitš, S.; Žukova, V.A.; Kuusik, Rein, keemik Тезисы докладов X Всесоюзной научной межвузовской конференции по технологии неорганических веществ и минеральных удобрений 1976 / с. 162-163
https://www.esther.ee/record=b3798493*est

Исследование процессов гидротермитической переработки фосфатного сырья
Veiderma, Mihkel; Kuusik, Rein, keemik; Turja, Rein Тезисы докладов X Всесоюзной научной межвузовской конференции по технологии неорганических веществ и минеральных удобрений 1976 / с. 266 https://www.esther.ee/record=b3798493*est

Исследование процессов грануляции и сушки карбонатного шлама
Viisimaa, Ludmilla; Kuusik, Rein, keemik; Veiderma, Mihkel Процессы и аппараты химической технологии и технология неорганических веществ. 8 1977 / с. 27-32 : илл https://www.esther.ee/record=b1531858*est <https://digikogu.taltech.ee/et/item/97286e9a-e68e-4dd6-9aae-92786dbf43a7>

Исследование процессов обесфторивания фосфоритов
Kuusik, Rein, keemik; Veiderma, Mihkel Тезисы VII Всесоюзной конференции по технологии неорганических веществ и минеральных удобрений (26-29 мая 1970 г.) 1970 / с. [?]

Исследование процессов регенерации серы из фосфогипса
Kuusik, Rein, keemik; Trikkel, Andres Новые формы, виды, модификации серы и серной продукции : Тезисы докладов всесоюзной конференции, 22-24 нояб. 1988 г., Львов 1988 / с. 25-26

Исследование состава фосфогипса и фосфоизвести методами ИК спектроскопии и рентгенографии
Kuusik, Rein, keemik; Viisimaa, Ludmilla; Kuusk, Anu Журнал прикладной химии 1982 / с. 1723-1728 : рис., табл https://www.esther.ee/record=b1182398*est

Исследование термического разложения фосфогипса
Kuusik, Rein, keemik; Kärblane, Enn; Teplov, O. Термический анализ : тезисы докладов VIII Всесоюзной конференции 1982 / с. 220-221 https://www.esther.ee/record=b1652706*est

Исследование термической переработки фосфогипса в сернистый газ и известь
Kuusik, Rein, keemik; Kuusk, Anu; Veiderma, Mihkel Использование фосфогипса в народном хозяйстве : [Сборник статей] 1983 / с. 67-75

Кормовые обесфторенные фосфаты как источник микроэлементов
Veiderma, Mihkel; Kuusik, Rein, keemik; Kuusk, Anu Химия в сельском хозяйстве 1975 / с. 55-56

Математическое описание процесса обесфторивания оболовых фосфоритов
Kuusik, Rein, keemik; Veiderma, Mihkel Исследования в области неорганической технологии : соли, окислы, кислоты : сборник статей 1972 / с. 135-139 : ил https://www.esther.ee/record=b2863398*est

Модернизация печи кипящего слоя для высокотемпературной обработки природных фосфатов

Skorobogatov, V.; Novikov, V.V.; **Kuusik, Rein, keemik** Химическое и нефтегазовое машиностроение : научно-технический и производственный журнал 1981 / с. 4-6 : ил https://www.estr.ee/record=b2158380*est

Модифицирование процесса получения CaS из фосфогипса

Trikkel, Andres; **Kuusik, Rein, keemik** Проблемы рационального использования фосфатного сырья и интенсификация технологических процессов : тезисы докладов совещания, 14-16 нояб. 1989 г. 1989 / с. 96-97

Неорганическая химия и технология

Talimets, Ellen; Pöldme, Juta; Sarik, M.; Pöldme, Meeme; Raude, Urmas; Otstavel, M.; Utsal, K.; **Kudrjavtseva, Jelena**; Aasamäe, Ernst; Kallavus, Urve; Kaljuvee, Tiit; Kuusik, Rein, keemik; Veskimäe, Helgi; Sirendi, A.; Viisimaa, Ludmilla; Berezin, Grigori; Fedorovits, V.; Vilbok, Heinrich; Ott, Roman; Hödrejärv, Helvi; Hörak, P.; Kullapere, A.; Paakspuu, V.; **Kerm, Karin**; Vaarmann, Aini; Help, Kalju; Pets, Lydia; Miller, A.; Viisimaa, Matti; Luik, H.; **Kallast, Vambola**; Allikmaa, Veiko; Metsmaa, T.; Kuusk, A.; Schächter, Klára 1989 https://www.estr.ee/record=b1476304*est

Неорганическая химия и технология

Tönsuaadu, Kaia; Aasamäe, Ernst; Veiderma, Mihkel; Viisimaa, Ludmilla; Ojaste, Ülle; Veskimäe, Helgi; Kuusik, Rein, keemik; Kaljuvee, Tiit; Vilbok, Heinrich; Hödrejärv, Helvi; Ott, Roman; Kerm, Karin; Vaarmann, Aini; Help, Kalju; Pets, Lydia; Koncsik, I.; Lohonyai, Nándor; Schächter, Klára; **Talimets, Ellen**; **Kallast, Vambola**; Kübarsepp, Jakob 1986 https://www.estr.ee/record=b1476293*est

Новые аспекты теории и практики гидротермической переработки природных фосфатов с добавкой фосфорной кислоты

Veiderma, Mihkel; **Kuusik, Rein, keemik**; Pöldme, Meeme; Pöldme, Juta XI Менделеевский съезд по общей и прикладной химии : рефераты докладов и сообщений. 1, Неорганическая химия и технология неорганических веществ. Радиохимия и ядерная технология. Геохимия и космохимия 1975 / с. 175-176 https://www.estr.ee/record=b4559776*est

Новые подходы к применению сланцевой золы

Kuusik, Rein, keemik Вестник НЭС 2011 / с. 5

О термической переработке фосфогипса из разных видов фосфатного сырья

Kuusik, Rein, keemik; Taremaa, J.U. Журнал прикладной химии 1988 / с.512-517 : ил., таб

https://www.estr.ee/record=b1182398*est

О термодинамической вероятности получения сульфида кальция из фосфогипса

Trikkel, Andres; Tüür, Leo; **Kuusik, Rein, keemik** Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1989 / с. 150-158 : ил https://www.estr.ee/record=b1264984*est <https://www.etera.ee/zoom/18991/view?page=8&p=separate&tool=info&view=0,300,2335,3646>

Об охлаждении сыпучих материалов после термической обработки

Березин Г.Г.; **Kuusik, Rein, keemik**; Смирнова Л.В. Журнал прикладной химии 1993 / 3, с. 718

Обессеривание дымовых газов сухим улавливанием SO₂

Kaljuvee, Tiit; **Kuusik, Rein, keemik**; Loosaar, Jüri; Rajur, K. Тезисы докладов 15-ой всесоюзной конференции по химической технологии неорганических веществ, Казань, 29-31 мая 1991 г 1991 / с. 241

Обесфторивание маардусского фосфорита в псевдоожженном слое на заводской опытной установке

Veiderma, Mihkel; Vinkman, A.O.; Volkovits, S.; **Kuusik, Rein, keemik** Химическая промышленность : ежемесячный научный журнал 1975 / с. 33-35 : рис https://www.estr.ee/record=b1438865*est

Обесфторивание Маардусского фосфорита, апатитового концентрата и их смесей на заводской опытной установке кипящего слоя

Kuusik, Rein, keemik; Veiderma, Mihkel; Volkovits, S.; Skorobogatov, V.; Jagodina, T. Тезисы докладов и сообщений научно-технического семинара "Обжиг и обесфторивание природных фосфатов" с 10 по 12 июня 1975 года 1975 / с. 6-7 https://www.estr.ee/record=b1314182*est

Обесфторивание оболовых фосфоритов в псевдоожженном слое

Veiderma, Mihkel; **Kuusik, Rein, keemik**; Luhakooder, Edvard Труды научно-технической конференции "Оболовые фосфориты как сырье для химической промышленности" : [14-16 июня 1967 г.] 1968 / с. 241-253 : илл., таб https://www.estr.ee/record=b1410006*est

Обесфторивание оболовых фосфоритов в псевдоожженном слое

Veiderma, Mihkel; **Kuusik, Rein, keemik**; Luhakooder, Edvard VI Всесоюзная конференция по технологии неорганических веществ и минеральных удобрений : Тезисы 1968 / с. 238

Обжиг и его влияние на кислотную переработку фосфорита Егорьевского месторождения

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veskimäe, Helgi Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1986 / с. 29-38

Обжиг и его эффективность в процессах кислотной переработки фосфоритов разных месторождений
Kaljuvee, Tiit; Veskimäe, Helgi; Kuusik, Rein, keemik; Veiderma, Mihkel Проблемы использования бедного и нетрадиционного фосфатного сырья для производства удобрений : тезисы докладов научно-технического совещания, 15-18 мая 1985 г., г. Кингисепп 1985 / с. 142

Обжиг и его эффективность при кислотной переработке фосфорита месторождения Коқджон
Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Комплексное использование минерального сырья 1985 / с. 34-38 : ил., табл https://www.esther.ee/record=b2146072*est

Обжиг и кислотная переработка обожжённых каратауских и чилисайских фосфоритов
Kaljuvee, Tiit; Kuusik, Rein, keemik; Röbakov, V.; Šinkarenko, S. Тезисы докладов XIII Всесоюзной научной конференции по технологии неорганических веществ и минеральных удобрений, [г. Дзержинск]. Ч. 2 1985 / с. 98-99

Обжиг и обесфторивание природных фосфатов в псевдоожженном слое
Veiderma, Mihkel; Kuusik, Rein, keemik Тезисы докладов всесоюзного научно-технического совещания "Основные направления научно-исследовательских работ по аппаратурному оформлению электротермических и высокотемпературных процессов химических производств в десятой пятилетке". ("Термия-75") : Секция технологии электротермических и плазмохимических производств 1975 / с. 239-242

Обжиг сланцевого полуокиса в кипящем слое
Kuusik, Rein, keemik; Veiderma, Mihkel Горючие сланцы : информационная серия I 1977 / с. 16-19 : ил. таб https://www.esther.ee/record=b1889669*est

Обжиг фосфоритов и его эффективность при кислотной переработке
Kaljuvee, Tiit; Veskimäe, Helgi; Kuusik, Rein, keemik; Veiderma, Mihkel Перспективы развития промышленности фосфорных удобрений и серной кислоты до 2000 года. Тезисы докладов на отраслевом совещании работников основной химической промышленности. Белореченск, 26-30 сент. 1983 1983 / с. 142-143

Обжиг Чилисайских фосфоритов в печи кипящего слоя
Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Комплексное использование минерального сырья 1985 / с. 35-39 : ил., таб https://www.esther.ee/record=b2146072*est

Образование и связывание свободных оксидов при обжиге фосфоритов Карагату
Kuusik, Rein, keemik; Sirendi, A.; Veskimäe, Helgi Комплексная переработка фосфатного сырья. Анализ природных и технических объектов 1989 / с. 52-62

Опыт эксплуатации двухзонной печи кипящего слоя для обесфторивания природных фосфатов на Маардуском химкомбинате
Skorobogatov, V.; Keitz, E.; **Kuusik, Rein, keemik; Turja, Rein**; Jagodina, T. Тезисы докладов и сообщений научно-технического семинара "Обжиг и обесфторивание природных фосфатов" с 10 по 12 июня 1975 года 1975 / с. 8-9
https://www.esther.ee/record=b1314182*est

Освоение процесса разложения, фосфогипса на сернистый газ и окись кальция во взвешенном слое в опытно-промышленных условиях
Solodjankina, N.L.; Razdorkih, L.M.; Ivanov, A.V.; **Kuusik, Rein, keemik; Kuusk, Anu** Промышленность минеральных удобрений и серной кислоты : Реферативная информация 1977 / с. 2-4

Особенности термического обогащения фосфоритов различных месторождений
Veiderma, Mihkel; Kuusik, Rein, keemik; Kaljuvee, Tiit; Veskimäe, Helgi; Livšits, M. XIV Всесоюзная научно-техническая конференция по технологии неорганических веществ и минеральных удобрений (Львов, 25-27 мая 1988 г.). Ч. 2, Химия, технология соединений азота, фосфора и их применение : тезисы докладов 1988 / с. 121
https://www.esther.ee/record=b4437558~S1*est

Получение гранулированного суперфосфата с добавками бора и меди
Viisimaa, Ludmilla; Berezin, L.P.; **Kuusik, Rein, keemik** XIV Менделеевский съезд по общей и прикладной химии. N 1, Фундаментальные проблемы химической науки : рефативные доклады и сообщение 1989 / с. 328
https://www.esther.ee/record=b3434994*est

Получение гранулированного суперфосфата с добавками бора и меди
Viisimaa, Ludmilla; Berezin, Grigorii; **Kuusik, Rein, keemik** XIV Менделеевский съезд по общей и прикладной химии. N 1, Фундаментальные проблемы химической науки : рефативные доклады и сообщение 1989 / с. 328
https://www.esther.ee/record=b2050294*est

Получение коагулянтов для очистки воды на базе сернокислотного разложения глауконита

Viisimaa, Ludmilla; Kuusik, Rein, keemik Химическая промышленность 1998 / 5, с. 260-265: ил

Получение нефелинового коагулянта улучшенного качества

Kudrjavtseva, Jelena; Berezin, Grigori; Kuusik, Rein, keemik Химическая промышленность 1994 / 2, с. 41 (109) - 43 (111)

Получение обогащенного медью суперфосфата с использованием отработанного травильного раствора

Viisimaa, Ludmilla; Vilbok, Heinrich; Kuusik, Rein, keemik; Viisimaa, Matti Перспективы развития и использования минеральных удобрений с микроэлементами : тезисы докладов научно-производственной конференции, 13-15 нояб., 1990 г., г. Киев 1990 / с. 41

Получение сернистого газа и извести при высокотемпературной переработке природного гипса

Kuusik, Rein, keemik; Tint, Piaa; Solodjankina, N.L.; Novikov, V.V. Перспективы развития промышленности фосфорных удобрений и серной кислоты до 2000 года. Тезисы докладов на отраслевом совещании работников основной химической промышленности. Белореченск, 26-30 сент. 1983 1983 / с. 247-248

Применение фосфоизвести для нейтрализации суперфосфата

Veskimäe, Helgi; Kuusik, Rein, keemik Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1986 / с. 23-28

Проблемы промышленной экологии

Pikkov, Lui; Kaps, Tiit; Sillajõe, Aadu; Vares, Toomas; Mölder, Heino; Munter, Rein; Loorits, Hilja; Preis, Sergei; Siirde, Enno; Kann, Aino; Mandel, Mihkel; Liebert, Tiiu; Tauts, Olev; Täht, Riina; Tedersoo, Erge; Piiroja, Eduard; Piir, E.; Friedenthal, Margus; Pappel, Kaire; Köstner, Ado; Palm, Toivo; Jagomägi, A.; Holstinina, Natalja; Kuusik, Rein, keemik; Trikkel, Andres; Veiderma, Mihkel; Metsik, Rein; Merendi, Jüri; Hallik, A.; Talimets, Ellen; Viisimaa, Ludmilla; Hödrelärv, Helvi; Pets, Lydia; Vaganov, Peter; Ott, Roman; Lepane, Viia; Vaarmann, Aini; Palm, Toivo; Paal, Leopold 1988
https://www.esther.ee/record=b1222151*est

Разложение сульфата кальция в смеси с кварцевым песком при восстановительном обжиге. IV. Разложение в псевдоожженном слое

Hetšumjan, E.; Kuusik, Rein, keemik; Grigorjan, G. Армянский химический журнал 1982 / с. 17-21

https://www.esther.ee/record=b1518975*est

Разложение фосфогипса в псевдоожженном слое

Kuusik, Rein, keemik; Kuusk, Anu; Veiderma, Mihkel Тезисы докладов XI Всесоюзной научной межвузовской конференции по технологии неорганических веществ и минеральных удобрений. Ч. 2. 1978 / с. 112-113

Разработка процесса обесфторивания фосфорита в псевдоожженном слое

Veiderma, Mihkel; Volkovits, S.; Kuusik, Rein, keemik Тезисы докладов IX Всесоюзной научно-технической конференции по технологии неорганических веществ и минеральных удобрений. Май 1974 г. 1974 / с. 31-32

Регенерация извести при обжиге карбонатного шлама в печи кипящего слоя

Viisimaa, Ludmilla; Kuusik, Rein, keemik; Veiderma, Mihkel Тезисы докладов XI Всесоюзной научной межвузовской конференции по технологии неорганических веществ и минеральных удобрений. Ч. 2. 1978 / с. 113-115

Свойства извести, регенерированной из карбонатного шлама в печи кипящего слоя

Viisimaa, Ludmilla; Kuusik, Rein, keemik; Veiderma, Mihkel Бумажная промышленность : целлюлоза, бумага, картон : ежемесячный научно-технический и производственный журнал 1978 / с. 18-19 https://www.esther.ee/record=b2132938*est

Синтез системы автоматического регулирования температуры реактора псевдоожженного слоя

Rebane, Jüri; Aarna, Olav; Kuusik, Rein, keemik; Skorobogatov, V. Тезисы докладов и сообщений научно-технического семинара "Обжиг и обесфторивание природных фосфатов" с 10 по 12 июня 1975 года 1975 / с. 14-16
https://www.esther.ee/record=b1314182*est

Сопоставление способов измельчения карбонатсодержащих фосфоритов при термосепарации

Kuusik, Rein, keemik; Kaljuvee, Tiit; Veskimäe, Helgi Дезинтеграторная технология : тезисы докладов VIII всесоюзного семинара, 1-3 окт. 1991, Киев 1991 / с. 104-105

Способ обогащения природных фосфатов (авт. св. 483346)

Baskakova, M.I.; Vares, V.I.; Veiderma, Mihkel; Veskimäe, Helgi; Kuusik, Rein, keemik Открытия, изобретения, промышленные образцы, товарные знаки 1975 / с. 70 https://www.esther.ee/record=b2319409*est

Термическая переработка природного гипса с получением сернистого газа и извести

Kuusik, Rein, keemik; Kuusk, Anu; Veskimäe, Helgi; Nurašev, S.A. Комплексное использование минерального сырья : ежемесячный журнал 1985 / с. 76-80 : ил., таб https://www.esther.ee/record=b2146072*est

Термическая характеристика фосфогипса

Kuusik, Rein, keemik; Kuusk, Anu; Viisimaa, Ludmilla; Veiderma, Mihkel Термический анализ : тезисы докладов VII всесоюзного совещания 1979 / с. 107-108 https://www.esther.ee/record=b2747298*est

Термический анализ сульфата кальция в восстановительной среде

Kuusik, Rein, keemik; Trikkel, Andres Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1985 / lk. 58-62 : ill.
https://www.esther.ee/record=b1264984*est <https://www.etera.ee/zoom/19238/view?page=1&p=separate&tool=info>

Термический анализ фосфогипса

Viisimaa, Ludmilla; Kuusk, Anu; Kuusik, Rein, keemik Неорганическая химия и технология. 1 1980 / с. 29-36 : илл
https://www.esther.ee/record=b2191026*est <https://digikogu.taltech.ee/et/item/130509c0-2687-471a-a9f8-1501114a266e>

Термодинамический анализ процесса высокотемпературной обработки фосфогипса

Kärblane, Enn; Kuusk, Anu; Kuusik, Rein, keemik Неорганическая химия и технология. 1 1980 / с. 21-28 : илл
https://www.esther.ee/record=b2191026*est <https://digikogu.taltech.ee/et/item/130509c0-2687-471a-a9f8-1501114a266e>

Термодинамический анализ процесса разложения фосфогипса

Tint, Piia; Kärblane, Enn; Tüür, Leo; Kuusik, Rein, keemik Материалы XII всесоюзной научно-практической конференции "Технология неорганических веществ и минеральных удобрений", Т. 2 1981 / с. 407-409

Термосепарационное обогащение карбонатсодержащих фосфоритов

Veiderma, Mihkel; Kuusik, Rein, keemik; Kaljuvee, Tiit; Kangur, H. XI всесоюзный симпозиум по механохимии и механоэмиссии твердых тел, 11-14 сент. 1990 г., Чернигов : тезисы докладов. Т. 2 1990 / с. 167-168

Термосепарационное обогащение фосфоритов бассейна Карагату

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit Тезисы докладов 15-ой всесоюзной конференции по химической технологии неорганических веществ, Казань, 29-31 мая 1991 г 1991 / с. 240

Термосепарационное обогащение фосфоритов Карагату

Kuusik, Rein, keemik; Kaljuvee, Tiit; Лившиц М.М.; Veiderma, Mihkel Перспективы развития производства серной кислоты и фосфорных удобрений до 2000 года : тезисы докладов всесоюзного отраслевого совещания, г.Воскресенск, 24-26 окт. 1990 г 1990 / с. 18-19

Термосепарационное обогащение фосфоритов Карагату

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel; Veskimäe, Helgi; Лившиц М.М.; Кангур К.Ф. Химическая промышленность 1992 / 2, с. 85-88

Термохимическое обезмагнивание природных фосфатов

Veiderma, Mihkel; Veskimäe, Helgi; Kuusik, Rein, keemik Химическая промышленность : ежемесячный научный журнал 1975 / с. 838-840 : рис., табл https://www.esther.ee/record=b1438865*est

Термохимическое разложение фосфогипса

Solodjankina, N.L.; Borissov, Vladimir; Skorobogatov, V.; Kuusik, Rein, keemik Химическая промышленность : ежемесячный научный журнал 1981 / с. 27-29 : рис., табл https://www.esther.ee/record=b1438865*est

Термохимическое разложение фосфогипса на сернистый газ и окись кальция во взвешенном слое на опытно-промышленной установке

Borissov, Vladimir; Gröntšarov, I.; Videnov, N.; Kuusik, Rein, keemik Химия и индустрия : Е официален орган на Съюза на българските химици и инженер химици 1981 / с. 50-51, 66-68

Термохимическое разложение фосфоритного фосфогипса на сернистый газ и известь в псевдоожженном слое

Borissov, Vladimir; Videnov, N.; Solodjankina, N.L.; Kuusik, Rein, keemik Химическая промышленность : ежемесячный научный журнал 1982 / с. 29(541)-30(542) : табл https://www.esther.ee/record=b1438865*est

Утилизация тепла при термической переработке фосфогипса на сернистый газ и известь

Tint, Piia; Kuusik, Rein, keemik Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1983 / с. 67-74 : ил https://www.esther.ee/record=b1294037*est <https://digikogu.taltech.ee/et/item/ebe3de55-9448-4002-9aec-7e1ef9c57d96>

Физико-химические основы и условия обжига фосфоритов разных месторождений

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Тезисы докладов 6. Всесоюзной конференции по фосфатам "Фосфаты-84". Ч. 3 1984 / с. 559

Физико-химические превращения при обжиге различных фосфоритов в кипящем слое

Veskimäe, Helgi; Veiderma, Mihkel; Kuusik, Rein, keemik Тезисы докладов и сообщений научно-технического семинара "Обжиг и обесфторивание природных фосфатов" с 10 по 12 июня 1975 года 1975 / с. 28-29
https://www.esther.ee/record=b1314182*est

Фосфоизвесть как вяжущее для автоклавных бетонов

Kuusik, Rein, keemik; Veiderma, Mihkel Промышленность строительных материалов : Обзорная информация, Серия 8.

Промышленность автоклавных материалов и местных вяжущих 1984 / с. 4-6 (вып. 9); с. 16-17 (вып. 11)

Фосфоизвесть, как вяжущее для автоклавных бетонов

Kuusik, Rein, keemik; Veretevskaja, I.A Физико-химические основы переработки бедного природного сырья и отходов промышленности при получении жаростойких материалов : Тезисы всесоюзной научной конференции. Том. 2 1989 / с. 83

https://www.esther.ee/record=b2857358*est

Характеристика и утилизация отходов азотно-кислотно-сульфатной переработки фосфатного сырья

Veskimäe, Helgi; Kuusik, Rein, keemik; Veiderma, Mihkel Тезисы докладов XIII Всесоюзной научной конференции по технологии неорганических веществ и минеральных удобрений, [г. Дзержинск]. Ч. 2 1985 / с. 100-101

Характеристика и утилизация отходов азотно-кислотно-сульфатной переработки фосфатного сырья

Veskimäe, Helgi; Kuusik, Rein, keemik; Veiderma, Mihkel Журнал прикладной химии 1984 / с. 2418-2422 : ил., таб

https://www.esther.ee/record=b1182398*est

Хроматографическое исследование газовой фазы при термическом разложении фосфогипса

Kuusik, Rein, keemik; Tint, Piia; Kuusk, Anu Промышленность минеральных удобрений и серной кислоты : Реферативная информация 1979 / с. [?]