

Ametisse sai tulevase põlevkivituha tööstustehase ehitusjuht

Põhjarannik 2022 / Lk. 3 <https://dea.digar.ee/article/pohjarannik/2022/12/17/5.10>

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 carbonate precipitation : modelling of reaction kinetics in tubular reactor

Hautaniemi, Marjaana; Imppola, O.; Solismaa, P.; Kukkamäki, E.; **Kallas, Juha**; Louhi-Kultanen, Marjatta ISIC 18 : 18th International Symposium on Industrial Crystallization : 13-16 September 2011, Zurich, Switzerland : book of abstracts 2011 / p. 41-42 : 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 : production of CaCO₃-type material in a continuous flow disintegrator-reactor

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

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

Eesti põlevkivituha terendab veel üks rakendus – sellest saab toota magneesiumi [Võrguväljaanne]

Pau, Aivar forte.delfi.ee 2022 [Eesti põlevkivituha terendab veel üks rakendus – sellest saab toota magneesiumi](#)

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

Glendonite occurrences in the Tremadocian of Baltica : first Early Palaeozoic evidence of massive ikaite precipitation at temperate latitudes

Popov, Leonid E.; Alvaro, J. Javier; Holmer, Lars E.; **Bauert, Heikki; Hints, Olle; Männik, Peep** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 161-162 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

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

Tamm, Kadriann; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik GHGT-13 : 13th International Conference on Greenhouse Gas Control Technologies : November 14th-18th, 2016, SwissTech Convention Center - Lausanne, Switzerland : conference programme 2016 / p. 67

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>

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

Velts, Olga 2011

Oil shale ash hills turn into climate positive raw materials in Narva [Online resource]

Elias, Kristo news.err.ee 2022 [Oil shale ash hills turn into climate positive raw materials in Narva](#)

"Osoon" : tuhamäed võivad kujuneda kliimaneutraalse tööstuse tooraineks

Elias, Kristo novaator.err.ee 2022 ["Osoon": tuhamäed võivad kujuneda kliimaneutraalse tööstuse tooraineks](#)

PCC production from calcium-rich oxy-fuel CFBC ash

Loo, Lauri; Konist, Alar; Zevenhoven, Ron 30th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems (ECOS 2017), San Diego, California, USA, 2 - 6 July 2017 2017 / p. 1672-1681 : ill
https://www.etis.ee/File/DownloadPublic/8958054d-0303-4446-be47-7a3374d71625?name=ECOS_Loo%20et%20al-

Physical-mechanical properties and morphology of filled low-density polypropylene: comparative study on calcium carbonate with oil shale and coal ashes

Krasnou, Illia; Nadeem, Faisal; Gregor, Andre; Yörük, Can Rüstü; Krumme, Andres Journal of Vinyl and Additive Technology 2022 / p. 94-103 : ill <https://doi.org/10.1002/vnl.21869> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Ragn-Sells sai riigilt toetuse põlevkivituhast magneesiumi väärindamiseks [Võrguväljaanne]

delfi.ee 2022 [Ragn-Sells sai riigilt toetuse põlevkivituhast magneesiumi väärindamiseks](#)

Riik toetab Ragn-Sellsi põlevkivituha väärindamist 1,7 miljoni euroga [Võrguväljaanne]

rohe.geenius.ee 2022 ["Riik toetab Ragn-Sellsi põlevkivituha väärindamist 1.7 miljoni euroga"](#)

Synthesis and thermal transformations of Ca, Mg - carbonateapatite

Veiderma, Mihkel; Vilbok, Heinrich; Knubovets, Rena XIth International Conference on Phosphorus Chemistry : abstracts of posters, Toulouse, France, 1992 1992 / p. 11-95

Synthesis and thermal transformations of Ca, Mg - carbonateapatite

Vilbok, Heinrich; Knubovets, Rena; Veiderma, Mihkel Proceedings of the Estonian Academy of Sciences. Chemistry 1992 / 2, p. 45-51

Synthesis and thermal transformations of Ca, Mg-carbonateapatite

Vilbok, Heinrich; Knubovets, Rena; Veiderma, Mihkel Eesti Teaduste Akadeemia Toimetised. Keemia 1992 / 2, lk. 45-51: ill

Tallinna Tehnikaülikooli professor: praod täituvad valdavalt kaltsiumkarbonaadi kristallisatsiooni tõttu : [L.-M.Raado kommentaar artiklile "Iseparanev betoon - senisest vastupidavam ja turvalisem?"]

Raado, Lembi-Merike Ehitaja 2009 / 7/8, lk. 69

Terendab lahendus tuhamägedele: Ida-Virumaale võib tulla kaltsiumkarbonaadi tehas [Võrguväljaanne]

Pau, Aivar forte.delfi.ee 2021 ["Terendab lahendus tuhamägedele: Ida-Virumaale võib tulla kaltsiumkarbonaadi tehas "](#)

Testi tulemused ületasid ootusi : Ida-Virumaa põlevkivituhast saab toota värvi

rohe.geenius.ee 2024 [Testi tulemused ületasid ootusi : Ida-Virumaa põlevkivituhast saab toota värvi](#)

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 <https://www.sciencedirect.com/science/article/pii/S1876610209009552>

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 <http://dx.doi.org/10.1016/j.fuproc.2015.09.010>

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

Государство выделит крупнейшему проекту экономики замкнутого цикла 1,7 млн евро [Online resource]

rus.delfi.ee 2022 ["Государство выделит крупнейшему проекту экономики замкнутого цикла 1,7 млн евро "](#)

Компания Ragn-Sells начала расширять команду проекта по обогащению сланцевой золы [Online resources]

stena.ee 2022 [Компания Ragn-Sells начала расширять команду проекта по обогащению сланцевой золы](#)

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gorod.ee 2022 [Нарва может стать поставщиком важнейшего для ЕС сырья](#)

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Andrejev, Nikolai rus.postimees.ee 2022 ["Планируемый в Нарве завод займет два-три процента всего мирового рынка чистого карбоната кальция"](#)

Под Нарвой будет построен демонстрационный завод по обогащению сланцевой золы
stena.ee 2022 [Под Нарвой будет построен демонстрационный завод по обогащению сланцевой золы](#)

Уникальный завод замкнутого цикла появится в Нарве [Online resource]
gorod.ee 2022 ["Уникальный завод замкнутого цикла появится в Нарве"](#)