

Ageing of kukersite thermobitumen

Sokolova, Julia; Tiikma, Laine; Bitjukov, Mihhail; Johannes, Ille Oil shale 2011 / 1, p. 4-18 : ill

https://artiklid.elnet.ee/record=b2284439*est

Catalytic thermal liquefaction of oil shale in tetralin

Johannes, Ille; Tiikma, Laine; Luik, Hans; Tamvelius, Hindrek; Krasulina, Julia ISRN Chemical Engineering 2012 / Article ID

617363, [11] p. <https://www.hindawi.com/journals/isrn/2012/617363/>

Comparison of the thermobituminization kinetics of Baltic oil shale in open retorts and autoclaves

Johannes, Ille; Tiikma, Laine; Zaidentsal, Aleksei Oil shale 2010 / 1, p. 17-25 : ill

https://www.researchgate.net/publication/229044168_Comparison_of_the_thermobituminization_kinetics_of_Baltic_oil_shale_in_open_retorts_and_d_autoclaves https://artiklid.elnet.ee/record=b1966221*est

Comparison of the thermobituminization kinetics of Baltic oil shale in open retorts and autoclaves

Johannes, Ille; Tiikma, Laine International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 70 http://www.ester.ee/record=b4775098*est

Co-processing of biomass and heavy shale oil using catalytical hydrocracking method

Luik, Hans; Luik, Lea; Johannes, Ille; Tiikma, Laine; Sokolova, Julia 17th European Biomass Conference & Exhibition from Research to Industry and Markets : proceedings of the International Conference held in Hamburg, Germany, 29 June - 3 July 2009 2009 / p. 1082-1084

Coprocessing of heavy shale oil with polyethylene waste

Tiikma, Laine; Tamvelius, Hindrek; Luik, Lea Journal of analytical and applied pyrolysis 2007 / 1/2, p. 191-195

Co-processing of oil shale with some other energy sources

Luik, Hans; Bojesen-Koefoed, Jorgen; Luik, Lea; Palu, Vilja; Sokolova, Julia; Tamvelius, Hindrek; Tiikma, Laine International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 71-72

http://www.ester.ee/record=b4775098*est

Copyrolysis of heavy shale oil with waste polyethylene

Tiikma, Laine; Tamvelius, Hindrek; Luik, Lea 17th International Symposium on Analytical and Applied Pyrolysis : Budapest, Hungary, May 21-26, 2006 : book of abstracts 2006 / p. 159

Co-pyrolysis of oil shale with refuse-derived fuel

Tiikma, Laine; Biene, Tuuliki; Bitjukov, Mihhail; Vink, Natalia International oil shale symposium : Tallinn, Estonia, June 10-13, 2013 2013 / p. 69-70

Dealkylation kinetics of alkylresorcinols by shock heating pyrolysis

Luik, Hans; Tiikma, Laine; Johannes, Ille; Kruusement, Kristjan 20th International Symposium on Analytical and Applied Pyrolysis : PYRO 2014 : 19-23 May 2014, Birmingham, UK : conference guide and abstracts 2014 / p. 79

Dissolution kinetics of oil shale thermobitumen in different solvents

Johannes, Ille; Tiikma, Laine; Sokolova, Julia International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 69-70 http://www.ester.ee/record=b4775098*est

Dissolution rate of oil shale thermobitumen in different solvents

Johannes, Ille; Tiikma, Laine; Sokolova, Julia Oil shale 2009 / 3, p. 399-414 : ill https://artiklid.elnet.ee/record=b1947063*est

Effect of organic matter content and type of mineral matter on the oil yield from oil shales

Johannes, Ille; Luik, Hans; Bojesen-Koefoed, Jorgen; Tiikma, Laine; Vink, Natalia; Luik, Lea Oil shale 2012 / p. 206-221 : ill https://www.researchgate.net/publication/274439293_Effect_of_organic_matter_content_and_type_of_mineral_matter_on_the_oil_yield_from_oil_shales

Effect of the concentration of organic matter on the yield of thermal bitumen from the Baltic oil shale kukersite

Tiikma, Laine; Sokolova, Julia; Vink, Natalia Solid fuel chemistry 2010 / p. 89-93 : ill

<https://link.springer.com/article/10.3103/S0361521910020035>

Extraction of oil from Jordanian Attarat oil shale

Tiikma, Laine; Johannes, Ille; Luik, Hans; Lepp, Ardi; Šarajeva, Galina Oil shale 2015 / p. 218-239 : ill

<https://doi.org/10.3176/oil.2015.3.03> https://artiklid.elnet.ee/record=b2740510*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Faasimuutused kukersiidi termobituminiseerimisel

Johannes, Ille; Tiikma, Laine; Zaidentsal, Aleksei XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 34

Fixation of chlorine evolved in pyrolysis of PVC waste by Estonian oil shales

Tiikma, Laine; Johannes, Ille; Luik, Hans Journal of analytical and applied pyrolysis 2006 / 2, p. 205-210 : ill

Formation of thermobitumen from oil shale by low-temperature pyrolysis in an autoclave

Tiikma, Laine; Zaidentsal, Aleksei; Tensorer, M. Oil shale 2007 / 4, p. 535-546 : ill https://artiklid.elnet.ee/record=b2376557*est

Improvement study for the dephenolization plant at the RAS Kiviter oil shale processing facility

Mölder, Leevi; Tamvelius, Hindrek; Tiikma, Laine 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 98

Interaction of Estonian oil shales with plastic wastes at their copyrolysis

Tiikma, Laine; Johannes, Ille International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 77-78 http://www.ester.ee/record=b4775098*est

Kinetics of kukersite low-temperature pyrolysis in autoclaves

Johannes, Ille; Tiikma, Laine; Zaidentsal, Aleksei; Luik, Lea Journal of analytical and applied pyrolysis 2009 / 1/2, p. 508-513 : ill

Kinetics of kukersite low-temperature pyrolysis in autoclaves

Johannes, Ille; Tiikma, Laine; Zaidentsal, Aleksei; Luik, Lea Advances in Analytical and Applied Pyrolysis 2006-2008 : book of abstracts of the communications presented to the 18th International Symposium on Analytical and Applied Pyrolysis : Lanzarote, Canary Islands, May 18-23, 2008 2008 / p. 181

Low temperature pyrolysis of graptolite argillite (Dictyonema shale) in autoclaves

Šarajeva, Galina; Tiikma, Laine; Luik, Hans; Johannes, Ille International journal of engineering research and applications 2015 / p. 16-22 : ill http://www.ijera.com/papers/Vol5_issue11/Part%20-%201/D511011622.pdf

Low-temperature pyrolysis and co-pyrolysis of Göynük oil shale and terebinth berries (Turkey) in an autoclave

Yanik, J.; Secim, P.; Karakaya, S.; Tiikma, Laine; Luik, Hans; Krasulina, Julia; Raik, Peep; Palu, Vilja Oil shale 2011 / p. 469-486 : ill https://artiklid.elnet.ee/record=b2463385*est

Mathematical modeling of synergy in co-pyrolysis

Johannes, Ille; Tiikma, Laine; Palu, Vilja; Jurjeva, Jelena International oil shale symposium : Tallinn, Estonia, June 10-13, 2013 2013 / p. 66

Parallels between slow pyrolysis of Estonian oil shale and forest biomass residues

Luik, Hans; Luik, Lea; Tiikma, Laine; Vink, Natalia Journal of analytical and applied pyrolysis 2007 / 1/2, p. 205-209

Parallels between slow pyrolysis of Estonian oil shale and forest biomass residues

Luik, Hans; Luik, Lea; Tiikma, Laine; Vink, Natalia 17th International Symposium on Analytical and Applied Pyrolysis : Budapest, Hungary, May 21-26, 2006 : book of abstracts 2006 / p. 158

Plastjäätmete vesikonversioon

Tiikma, Laine; Palu, Vilja Eesti Põlevloodusvarad ja -jäätmekäitlus 2005 / lk. 29-30 https://www.ester.ee/record=b1803882*est

Polüetüleeni autoklaavse pürolüüsi kineetika algoritm

Johannes, Ille; Tiikma, Laine XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 19-20

Resources of water-soluble alkylresorcinols in the oil fractions and retort water formed by processing oil shale in generators of high unit capacity

Tiikma, Laine; Mölder, Leevi; Tamvelius, Hindrek Горючие сланцы 1991 / 4, с. 350-354

Separation of thermobitumen from oil shale mineral part

Tiikma, Laine; Sokolova, Julia; Vink, Natalia International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 78 http://www.ester.ee/record=b4775098*est

Sünergiakood

Johannes, Ille; Tiikma, Laine; Palu, Vilja XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 20

Synergy in co-pyrolysis of oil shale and pine sawdust in autoclaves

Johannes, Ille; Tiikma, Laine; Luik, Hans Journal of analytical and applied pyrolysis 2013 / 341-352 : ill
<https://doi.org/10.1016/j.jaap.2013.06.015> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Synergy in hydrous pyrolysis of oil shale and sawdust blends

Johannes, Ille; Tiikma, Laine; Luik, Hans; Gregor, Andre 20th International Symposium on Analytical and Applied Pyrolysis :

Synergy in the hydrothermal pyrolysis of oil shale/sawdust blends

Tiikma, Laine; Johannes, Ille; Luik, Hans; Gregor, Andre Journal of Analytical and Applied Pyrolysis 2016 / p. 247 - 256
<https://doi.org/10.1016/j.jaap.2015.11.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Termobituumeni eraldamine põlevkivi mineraalosas

Sokolova, Julia; Tiikma, Laine; Vink, Natalia XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 75

Test method for the total content of non-volatile phenols in wastewater

Johannes, Ille; Mölder, Leevi; Tiikma, Laine Oil shale 1998 / 3, p. 232-238

Thermal dissolution of Estonian oil shale

Tiikma, Laine; Johannes, Ille; Luik, Hans; Zaidentsal, Aleksei; Vink, Natalia Journal of analytical and applied pyrolysis 2009 / 1/2, p. 502-507 : ill

Thermal dissolution of Estonian oil shale

Tiikma, Laine; Johannes, Ille; Luik, Hans; Zaidentsal, Aleksei; Vink, Natalia Advances in Analytical and Applied Pyrolysis 2006-2008 : book of abstracts of the communications presented to the 18th International Symposium on Analytical and Applied Pyrolysis : Lanzarote, Canary Islands, May 18-23, 2008 2008 / p. 265

Thermal extraction of oil from a Utah Green River (USA) oil shale in autoclaves

Johannes, Ille; Tiikma, Laine; Luik, Hans; Šarajeva, Galina International journal of engineering and applied sciences (EAAS) 2015 / p. 23-35 : ill [http://eaas-journal.org/survey/userfiles/files/v6i504%20Oil%20Shale%20and%20Renewables%20Research\(1\).pdf](http://eaas-journal.org/survey/userfiles/files/v6i504%20Oil%20Shale%20and%20Renewables%20Research(1).pdf)

Thermobituminization of Baltic oil shale

Johannes, Ille; Tiikma, Laine Advances in energy research. Volume 2 2011 / p. 267-282

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

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

Upgrading shale oil heavy fractions with biomass via catalytical hydroprocessing [Electronic resource]

Luik, Hans; Luik, Lea; Tiikma, Laine; Vink, Natalia; Kozõreva, Jekaterina Success & visions for bioenergy. Thermal processing of biomass for bioenergy, biofuels and bioproducts 2007 / [7] p. [CD-ROM]

Utilization of plastic wastes with oil shale : basics, methods, composition

Tiikma, Laine 2010

Utilization of solid waste as an additive in shale oil production

Luik, Lea; Tiikma, Laine; Luik, Hans; Vink, Natalia; Bitjukov, Mihhail WasteEng 2014 : 5th International Conference on Engineering for Waste and Biomass Valorisation, Rio de Janeiro, Brazil, August 25-28, 2014 : proceedings 2014 / p. 252-259

Utilization solid waste as an additive in shale oil production

Tiikma, Laine; Luik, Lea; Luik, Hans; Vink, Natalia; Bitjukov, Mihhail WasteEng 2014 : 5th International Conference on Engineering for Waste and Biomass Valorisation, Rio de Janeiro, Brazil, August 25-28, 2014 : abstracts 2014 / p. 53

Vedelkütus olmejäätmetest

Tiikma, Laine; Biene, Tuuliki; Bitjukov, Mihhail; Vink, Natalia XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 79

Viscosity and stability of distillate petroleum oil - residual petroleum oil and distillate petroleum oil - shale oil binary blends

Mölder, Leevi; Tamvelius, Hindrek; Tiikma, Laine Oil shale 1999 / 3, p. 239-248 https://artiklid.elnet.ee/record=b1001798*est

Viscosity of shale oil originated distillate oil - residual petroleum oil binary blends

Mölder, Leevi; Tamvelius, Hindrek; Tiikma, Laine Oil shale 1999 / 2, p. 133-140 : ill https://artiklid.elnet.ee/record=b1001548*est

Viscosity of SHC process shale oil binary blends

Mölder, Leevi; Loit, M.; Tamvelius, Hindrek; Tiikma, Laine Oil shale 1999 / 4, p. 359-368: ill
https://artiklid.elnet.ee/record=b1002754*est

Viscosity, stability and compatibility of shale oil distillates

Mölder, Leevi; Tamvelius, Hindrek; Tiikma, Laine; Tshuryumova, T. Oil shale 1998 / 4, p. 391-397

Влияние содержания органического вещества на выход термобитума из Прибалтийского сланца-кукерсита
Tiikma, Laine; Sokolova, Julia; Vink, Natalia Химия твердого топлива 2010 / 2, с. 25-30 : ил

Декорирование изделий из пластических масс

Piiraja, Eduard; Viikna, Anti; Tiikma, Laine; Ebber, Arkadi Пластические массы = Journal of the plastic compounds = Zeitschrift für plastische Massen 1979 / с. 24-26 https://www.ester.ee/record=b1953289*est

Закономерности распределения алкилрезорцинов

Mölder, Leevi; Tiikma, Laine; Kuslapuu, H.; Raude, Urmas Oil Shale = Горючие Сланцы 1984 / с. 99-103 : табл
https://www.ester.ee/record=b1072685*est

Закономерности распределения алкилрезорцинов при экстракции их из сланцевой смольной воды смешанным экстрагентом. (Сообщение 1)

Tiikma, Laine Свойства растворов кислород- и хлорсодержащих органических соединений 1985 / с. 49-58
https://www.ester.ee/record=b1245739*est <https://digikogu.taltech.ee/et/Item/3e342ec8-b736-440a-aa0e-6bc8510f5f28>

Закономерности распределения алкилрезорцинов при экстракции их из сланцевой смольной воды смешанным экстрагентом. (Сообщение 2)

Tiikma, Laine; Mölder, Leevi; Tamvelius, Hindrek Свойства растворов кислород- и хлорсодержащих органических соединений 1985 / с. 59-69 https://www.ester.ee/record=b1245739*est <https://digikogu.taltech.ee/et/Item/3e342ec8-b736-440a-aa0e-6bc8510f5f28>

Закономерности селективной экстракции одноатомных фенолов из сланцевых смольных вод

Mölder, Leevi; Tiikma, Laine Горючие сланцы 1990 / 1, с. 76-86: ил

Закономерности экстракции алкилрезорцинов

Raude, Urmas XXVII студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 19-21 апреля 1983 г : тезисы докладов. Часть 2 1983 / с. 109 https://www.ester.ee/record=b1571566*est

Испытание способа непрерывной экстракции водорастворимых алкилрезорцинов из фракции сланцевого дистиллятного мазута

Purre, Tiit; Hallik, E.; Mölder, Leevi; Tiikma, Laine Горючие сланцы : информационная серия I 1982 / с. 12-17 : илл., таб
https://www.ester.ee/record=b1889669*est

Испытание способа совместного получения 5-метилрезорцина и 2,5-диметилрезорцина

Mölder, Leevi; Arro, Jaak; Zabellevitš, Igor; Tiikma, Laine Пути повышения эффективности и перспективы дальнейшего развития сланцеперерабатывающей промышленности : тезисы докладов на Всесоюзном научно-техническом совещании, Кохтла-Ярве, 24-26 мая 1983 года 1983 / с. 65-66 https://www.ester.ee/record=b1313909*est

Корреляция кривых распределения алкилрезорцинов при экстракции их смешанным экстрагентом

Tiikma, Laine; Mölder, Leevi; Tamvelius, Hindrek Oil Shale = Горючие Сланцы 1985 / с. 201-205 : табл
https://www.ester.ee/record=b1072685*est

Краски для декоративной отделки изделий из пластмасс

Piiraja, Eduard; Granat, S.; Tiikma, Laine Производство игрушек : научно-технический реферативный сборник 1978 / с. 1-7

Краски для окрашивания поверхности пластмасс

Piiraja, Eduard; Põldsaar, Mati; Tiikma, Laine Декоративная отделка пластических масс : тезисы докладов научно-технического совещания : 28-29 мая 1974 г. 1974 / с. 16 https://www.ester.ee/record=b2027476*est

Некоторые проблемы экстракции алкилрезорцинов из фенольной воды

Mölder, Leevi; Kuslapuu, H.; Tiikma, Laine Пути повышения эффективности и перспективы дальнейшего развития сланцеперерабатывающей промышленности : тезисы докладов на Всесоюзном научно-техническом совещании, Кохтла-Ярве, 24-26 мая 1983 года 1983 / с. 78-79 https://www.ester.ee/record=b1313909*est

Полимерные упаковочные материалы

Piiraja, Eduard; Tiikma, Laine; Kaal, T. Обработка поверхности полиолефинов и декорирование поверхности полиолефинов : материалы республиканской научно-технической конференции. Часть 2 1973 / с. 103-105 https://www.ester.ee/record=b1337100*est

Синтетическая глазурь для окрашивания полимерных материалов

Piiraja, Eduard; Granat, N.A.; Tiikma, Laine Пластические массы = Journal of the plastic compounds = Zeitschrift für plastische Massen 1979 / с. 39 https://www.ester.ee/record=b1953289*est

Синтетическая глазурь для полимерных материалов

Tiikma, Laine; Granat, S.A.; Granat, N.A. Окисление и окрашивание углеводородных полимеров 1979 / с. 79-82

https://www.ester.ee/record=b1271134*est <https://digikogu.taltech.ee/et/Item/ffbf1b5d-e7f0-4503-aaa6-9cb582414a67>

Способ декорирования пластмассовых изделий при литье под давлением

Piiraja, Eduard; Põldsaar, Mati; Tiikma, Laine Декоративная отделка пластических масс : тезисы докладов научно-технического совещания : 28-29 мая 1974 г. 1974 / с. 15 https://www.ester.ee/record=b2027476*est

Технологические основы выделения индивидуальных алкилрезорцинов из сложной смеси

Mölder, Leevi; Zabellevitš, Igor; Kuslapuu, H.; Tamvelius, Hindrek; Tiikma, Laine Республиканская научная конференция "Химия и применение фенолальдегидных смол" : тезисы докладов 1982 / с. 115-117 https://www.ester.ee/record=b1265870*est

Экстракционное разделение алкилрезорцинов в проточном экстракторе

Tiikma, Laine; Mölder, Leevi, juhendaja Свойства растворов кислородсодержащих органических соединений. 3 1983 / с. 85-91 https://www.ester.ee/record=b1294629*est <https://digikogu.taltech.ee/et/Item/ee07edc5-99ca-4dfb-a435-26131930c792>

Экстракция алкилрезорцинов из сланцевых смольных вод в опытном экстракторе

Mölder, Leevi; Tiikma, Laine Сланцевая промышленность : информационная серия I 1984 / с. 8-11 https://www.ester.ee/record=b1889272*est

Экстракция водорастворимых алкилрезорцинов из фракции сланцевой смолы на опытном экстракторе

Mölder, Leevi; Purre, Tiit; Tiikma, Laine; Hallik, E. Свойства растворов кислородсодержащих органических соединений. 3 1983 / с. 93-102 https://www.ester.ee/record=b1294629*est <https://digikogu.taltech.ee/et/Item/ee07edc5-99ca-4dfb-a435-26131930c792>