

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

Butüületanaadi hüdroolüüs

Tamvelius, Hindrek; Johannes, Ille XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 35

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/>

Characterisation of pyrolysis kinetics by rock-eval basic data

Johannes, Ille; Kruusement, Kristjan; Veski, Rein; Bojesen-Koefoed, Jorgen Oil shale 2006 / 3, p. 249-257 : ill

https://artiklid.elnet.ee/record=b2363000*est

Characterization of cobalt(II) compound with 4-nitroso-2,5-dimethylresorcinol and cetylpyridinium bromide by visible and infrared spectra

Johannes, Ille; Sidoruk, Jelena; Lahe, Lilja Eesti Teaduste Akadeemia Toimetised. Keemia 1994 / lk. 195-199: ill

Characterization of SPE cartridges for preconcentration of phenolic compounds by the bed depth-service volume model

Johannes, Ille; Mölder, Leevi; Tamvelius, Hindrek; Tiikma, Laine Proceedings of the Estonian Academy of Sciences. Chemistry

1999 / 4, p. 147-155: ill

A colorimetric method for selective determination of non-volatile phenols in water

Johannes, Ille; Mölder, Leevi; Pauku, Jelena; Tiikma, Laine Oil shale 1995 / 4, p. 297-304: ill

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_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

Concentration of oil shale originated phenols by SPE

Johannes, Ille; Mölder, Leevi; Tiikma, Laine Oil shale 1997 / 4, Special, p. 533-543

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

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

Determination of non-volatile phenols in waste waters of oil shale processing enterprises

Johannes, Ille; Mölder, Leevi; Pauku, Jelena; Tiikma, Laine Oil shale 1996 / 2, p. 145-153: ill

Development of liquification process through thermobitumen stage

Zaidentsal, Aleksei; Doilov, Svjatoslav; Johannes, Ille; Kaev, Mihhail; Kaidalov, Kirill; Soone, Jüri International Oil Shale

Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 76-77

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

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

Evaluation of oil potential and pyrolysis kinetics of renewable fuel and oil shale samples by rock-eval analyzer

Johannes, Ille; Kruusement, Kristjan; Veski, Rein 17th International Symposium on Analytical and Applied Pyrolysis : Budapest, Hungary, May 21-26, 2006 : book of abstracts 2006 / p. 157

Evaluation of oil potential and pyrolysis kinetics of renewable fuel and shale samples by Rock-Eval analyzer

Johannes, Ille; Kruusement, Kristjan; Veski, Rein Journal of analytical and applied pyrolysis 2007 / 1/2, p. 183-190

Evaluation of oil potential of Estonian shales and biomass samples using rock-eval analyzer

Johannes, Ille; Kruusement, Kristjan; Palu, Vilja; Veski, Rein; Bojesen-Koefoed, Jorgen Oil shale 2006 / 2, p. 110-118 : ill
https://artiklid.elnet.ee/record=b2363543*est

Evaluation of solid phase extraction efficiency

Johannes, Ille; Mölder, Leevi; Tamvelius, Hindrek; Tiikma, Laine 28th Annual International Symposium on Environmental Analytical Chemistry (ISEAC 28), Geneva, Switzerland, March 1-5, 1998 : book of abstracts 1998 / p. PA 27

Evaluation of solid phase extraction limits

Johannes, Ille; Mölder, Leevi; Tiikma, Laine Oil shale 1997 / 1, p. 41-49

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

Fundamentals to the maximum upgrading of oil shale

Luik, Hans; Luik, Lea; Šarajeva, Galina; Krasulina, Julia; Johannes, Ille; Kruusement, Kristjan Abstracts book of 34th Oil Shale Symposium : October 13-17, 2014, Colorado School of Mines, Golden, Colorado 2014 / p. 45

Hydrolysis of butyl acetate

Johannes, Ille; Tamvelius, Hindrek 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 40

Hydrolysis of butyl acetate

Johannes, Ille; Mölder, Leevi; Tamvelius, Hindrek Oil shale 1997 / 4, p. 579-590

Hydrolysis of butyl acetate in an acidic solution

Mölder, Leevi; Johannes, Ille; Tiikma, Laine Russian journal of applied chemistry 1997 / 12, part 2, p. 1987-1989

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

Mölder, Leevi; Johannes, Ille; **Tamvelius, Hindrek;** Tiikma, Laine Oil shale 1996 / 4, p. 287-308: ill https://kirj.ee/wp-content/plugins/kirj/pub/OS-4-1996-287-308_20230316154743.pdf

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

Investigation of Estonian oil shale thermobituminization in open and closed system = Termobituumeni moodustumine Eesti põlevkivist avatud ja suletud süsteemis

Zaidentsal, Aleksei 2012 https://www.ester.ee/record=b2874186*est

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

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 low-temperature retorting of kukersite oil shale

Johannes, Ille; Zaidentsal, Aleksei Oil shale 2008 / 4, p. 412-425 : ill
https://www.researchgate.net/publication/237429410_Kinetics_of_low-temperature_retorting_of_kukersite_oil_shale

Kinetics of the reaction for determination of furfuraldehyde in marked petroleum products
Johannes, Ille; **Shulga, Jelena** 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 23

Kolorimeetiline meetod veeauruga mittelenduvate fenoolide üldsisalduse määramiseks põlevkivitöötlemisettevõtete heitvetes
Johannes, Ille; **Mölder, Leevi; Sidoruk, Jelena; Tiikma, Laine** Eesti Teaduste Akadeemia Toimetised. Keemia 1994 / 3, lk. 98-106

Koobaltnitrosoalküülresortsinolaatkomplekside fotomeetiline uurimine
Paukku, Jelena; Johannes, Ille XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 108-109

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

Mathematic models for kinetics of batchwise hydrogenation of shale oil
Johannes, Ille; Luik, Hans; Kruusement, Kristjan Fuel processing technology 2006 / 8, p. 711-716 : ill

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

Nitriti määramisest koobalt või raud(II) nitrosoalküülresortsinolaadina
Tiikma, Laine; Johannes, Ille; **Kuusk, Kaili** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 144-145

Nitrosation kinetics of 5-methylresorcinol
Johannes, Ille; **Tamvelius, Hindrek; Tiikma, Laine; Tiikma, Toomas** Oil shale 1999 / 1, p. 30-41: ill
https://artiklid.elnet.ee/record=b1000610*est

Nitrozation of 5-methylresorcinol and 2,5-dimethylresorcinol
Johannes, Ille; **Mölder, Leevi; Tiikma, Laine; Sidoruk, Jelena** Russian journal of applied chemistry 1996 / 8, part 2, p. 1159-1162

Oil shale resorcinols - effective reagents for nitrite. An algorithm for the influence of pH on optical density
Johannes, Ille; **Kuusk, Kaili** Oil shale 2001 / 4, p. 335-349 : ill https://artiklid.elnet.ee/record=b1008452*est

Oil shale resorcinols - effective reagents for spectrophotometric determination of nitrite
Johannes, Ille; **Tiikma, Laine; Kuusk, Kaili** Oil shale 2000 / 4, p. 313-322 : ill https://artiklid.elnet.ee/record=b1005726*est

pH mõju nitriti määramisele nitrosoalküülresortsinolaadina
Tiikma, Laine; Johannes, Ille; **Kuusk, Kaili** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 32-33

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

Põlevkivifenoolide tahkefaas-ekstraktsioon
Tiikma, Laine; Johannes, Ille XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 139

Põlevloodusvarade ja -biojäätmete õlipotentsiaali hindamine Rock-Evali analüsaatoriga
Johannes, Ille Eesti Põlevloodusvarad ja -jäätmad 2005 / lk. 24-26 : ill https://www.ester.ee/record=b1803882*est

Selektiivne kolorimeetiline meetod resortsinoolirea fenoolide määramiseks
Johannes, Ille; **Mölder, Leevi; Sidoruk, Jelena; Tiikma, Laine** Eesti Teaduste Akadeemia Toimetised. Keemia 1994 / 3, lk. 91-97: ill

Solid phase extraction of oil shale derived phenols
Tiikma, Laine; Johannes, Ille 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 151

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

A synergy code in co-pyrolysis

Johannes, Ille; Palu, Vilja Oil shale 2013 / p. 471-490 : ill https://artiklid.elnet.ee/record=b2651379*est <https://doi.org/10.3176/oil.2013.4.02>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synergy in co-liquefaction of oil shale and willow in supercritical water

Johannes, Ille; Luik, Hans; Palu, Vilja; Kruusement, Kristjan; Gregor, Andre Fuel 2015 / p. 180-187 : ill
<https://doi.org/10.1016/j.fuel.2014.12.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 : PYRO 2014 : 19-23 May 2014, Birmingham, UK : conference guide and abstracts 2014 / p. 70

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](#)

Synthesis of nitroso derivatives of alkylresorcinols originated from oil shale

Johannes, Ille; Tiikma, Laine; Mölder, Leevi; Paukku, Jelena Oil shale 1996 / 1, p. 21-27: ill

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

Thermobituminizing kinetics of Estonian oil shale at low-temperature pyrolysis

Johannes, Ille; Soone, Jüri; Zaidentsal, Aleksei Theses of the 28th Oil Shale Symposium : October 13-17, 2008, Colorado 2008 / ? p

Transformations of biomass internal oxygen at varied pyrolysis conditions

Luik, Hans; Johannes, Ille; Palu, Vilja; Luik, Lea; Kruusement, Kristjan 17th International Symposium on Analytical and Applied Pyrolysis : Budapest, Hungary, May 21-26, 2006 : book of abstracts 2006 / p. 139

Transformations of biomass internal oxygen at varied pyrolysis conditions

Luik, Hans; Johannes, Ille; Palu, Vilja; Luik, Lea; Kruusement, Kristjan Journal of analytical and applied pyrolysis 2007 / 1/2, p. 121-127

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](#)

Uus meetod nitriti kolorimeetriliseks määramiseks

Kuusk, Kaili; Johannes, Ille XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 64

Uus meetod põlevkivifeenoolide määramiseks vees

Johannes, Ille; Mölder, Leevi; Paukku, Jelena; Tiikma, Laine XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid =

Гидролиз бутилацетата в кислой водной среде

Mölder, Leevi; Johannes, Ille; Tiikma, Laine Журнал прикладной химии 1997 / 12, с. 2068-2071: ил

Кинетика образования тройного комплекса кобальта с 4-нитрозо-2,5-диметилрезозином и додецикломином

Mölder, Leevi; Johannes, Ille Eesti Teaduste Akadeemia Toimetised. Keemia 1990 / 4, с. 227-234: ил

Нитрозирование 5-метилрезорцина и 2,5-диметилрезорцина

Johannes, Ille; **Mölder, Leevi**; Tiikma, Laine; **Sidoruk, Jelena** Журнал прикладной химии 1995 / 8, с. 1328-1332