

Application of inverse gas-liquid chromatography for determination of thermodynamic properties of test compounds in oil shale high-boiling oils

Maripuu, Lea; Ignat, A. Oil shale 1996 / 1, p. 29-36: ill

Application of undefined mixture correlations and FTIR-PLS method to predict thermodynamic properties of hydroxyl group rich Kukersite oil shale derived "synthetic oils"

Baird, Zachariah Steven; Järvik, Oliver; Oja, Vahur X Iberoamerican Conference on Phase Equilibria and Fluid Properties for Process Design : June 28-July 1, 2015, Alicante (Spain) : book of abstracts 2015 / [2] p

Carbon materials obtained from self-binding sugar cane bagasse and deciduous wood residues plastics

Zandersons, J.; Gravitis, J.; Zhurinsk, A.; Kokorevics, A.; Kallavus, Urve; Suzuki, C.K. Biomass and bioenergy 2004 / 4, p. 345-360 : ill https://www.fem.unicamp.br/~liqcojts/publications/paper_files/BiomBioe2004v26-4p345-360_Zandersons.pdf

Influence of some lime-containing additives on the thermal behavior of urea

Klimova, Irina; Kaljuvee, Tiit; Mikli, Valdek; Trikkel, Andres Journal of thermal analysis and calorimetry 2013 / p. 253-258 : ill <https://doi.org/10.1007/s10973-012-2244-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In-situ thermal performance monitoring of Pharma 4.0 Flow Bioreactors

Hegedus, Kristof; Hantos, Gusztav; Pardy, Tamas; Ender, Ferenc 2020 26th International Workshop on Thermal Investigations of ICs and Systems (THERMINIC) 2020 / 4 p. : ill <https://doi.org/10.1109/THERMINIC49743.2020.9420529>

Internal variables as a tool for extending Navier-Stokes equations

Berezovski, Arkadi Journal of non-equilibrium thermodynamics 2022 / p. 1-14 <https://doi.org/10.1515/jnet-2021-0089> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multivariate models based on infrared spectra as a substitute for oil property correlations to predict thermodynamic properties : evaluated on the basis of the narrow-boiling fractions of Kukersite retort oil

Baird, Zachariah Steven; Oja, Vahur Oil shale 2022 / p. 20-36 <https://doi.org/10.3176/oil.2022.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phase equilibria of complex mixture in the context of unconventional fuel resources = Komplekssete segude faaside tasakaalud mittekongventsionaalsete energiaallikate tehnoloogiates

Mozaffari, Parsa 2022 <https://doi.org/10.23658/taltech.61/2022> <https://digikogu.taltech.ee/et/Item/44cfd577-8d43-4408-9542-7fe74ce90e35> https://www.eester.ee/record=b5524952*est

Physical and thermodynamic properties of kukersite pyrolysis shale oil : literature overview

Oja, Vahur; Rooleht, Ruth; Baird, Zachariah Steven Oil shale 2016 / p. 184-197 : ill <https://doi.org/10.3176/oil.2016.2.06> https://artiklid.elnet.ee/record=b2778471*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Physical and thermodynamic properties of phenol-rich oil from oil shale : application of correlations based on bulk properties

Oja, Vahur; Järvik, Oliver; Baird, Zachariah Steven; Rannaveski, Rivo PetroPhase 2016 : Elsinore, Denmark, 19-23 June 2016 2016 / p. 99 http://petrophase2016.com/wp-content/uploads/2016/06/PetroPhase2016_ConferenceBook.pdf

Physical properties of 7-Methyl-1,5,7-triazabicyclo[4.4.0]dec-5-ene (mTBD)

Baird, Zachariah Steven; Dahlberg, Artur; Uusi-Kyyny, Petri; Osmanbegovic, Nahla; Witos, Joanna; Helminen, Jussi; Cederkrantz, Daniel; Hyväri, Paulus; Alopaeus, Ville; Kilpeläinen, Ilkka; Wiedmer, Susanne K.; Sixta, Herbert; Uusi-Kyyny, Petri International journal of thermophysics 2019 / art. 71, 23 p. : ill <https://doi.org/10.1007/s10765-019-2540-2>

Research progress on composition design of multicomponent eutectic high entropy alloys

Wan, Shiguang; Ma, Pan; Yang, Hong; Zhang, Nan; Fang, Yacheng; Jia, Yandong; Prashanth, Konda Gokuldoss Transactions of the Indian Institute of Metals 2024 / p. 1455 - 1465 <https://doi.org/10.1007/s12666-023-03247-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Some features of calcium ammonium nitrate fertilizer

Klimova, Irina; Kaljuvee, Tiit TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Temperature and pressure dependence of density of a shale oil and derived thermodynamic properties

Baird, Zachariah Steven; Uusi-Kyyny, Petri; Järvik, Oliver; Oja, Vahur; Alopaeus, Ville Industrial & engineering chemistry research 2018 / p. 5128-5135 <https://doi.org/10.1021/acs.iecr.7b05018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal management of a SynRM for traction application

Ghahfarokhi, Payam Shams 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 109-110 : ill

https://www.ester.ee/record=b5183874*est

Thermal model of a synchronous reluctance motor

Ghahfarokhi, Payam Shams; Kallaste, Ants; Belahcen, Anouar 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 63-64 : ill http://ise.elnet.ee/record=b2950016~S2*est

Thermodynamic and transport properties of liquid products from oil shale pyrolysis

Oja, Vahur Abstracts of the XIX International Conference on Chemical Thermodynamics in Russia (RCCT-2013) : Moscow, June 24–28, 2013 2013 / p. 13

Vapor pressures, densities, and PC-SAFT parameters for 11 bio-compounds

Baird, Zachariah Steven; Uusi-Kyyny, Petri; Pokki, Juha-Pekka; Pedegert, Emilie; Alopaeus, Ville International journal of thermophysics 2019 / art. 102, 36 p. : ill <https://doi.org/10.1007/s10765-019-2570-9>

Закономерности межфазового распределения и термодинамические свойства разбавленных растворов некоторых гидроксил-содержащих соединений : автореферат ... кандидата химических наук (02.00.03 ; 02.00.04)

Ignat, Aare 1987 http://www.ester.ee/record=b1241509*est

Избыточные термодинамические функции смешения некоторых органических соединений с фенолами

Metlitskaja, Olga Свойства растворов кислородсодержащих органических соединений. 3 1983 / с. 13-18
https://www.ester.ee/record=b1294629*est <https://digikogu.taltech.ee/et/Item/ee07edc5-99ca-4dfb-a435-26131930c792>

Избыточные термодинамические функции смешения органических соединений с 3,5-диметокситолуолом

Arro, Marje Свойства растворов кислородсодержащих органических соединений. 3 1983 / с. 19-23 : ил
https://www.ester.ee/record=b1294629*est <https://digikogu.taltech.ee/et/Item/ee07edc5-99ca-4dfb-a435-26131930c792>

Избыточные термодинамические функции смешения органических соединений с резорцином и 5-метилрезорцином

Arro, Marje; Mölder, Leevi, juhendaja Свойства растворов кислородсодержащих органических соединений. 3 1983 / с. 25-33 : ил
https://www.ester.ee/record=b1294629*est <https://digikogu.taltech.ee/et/Item/ee07edc5-99ca-4dfb-a435-26131930c792>

Использование газовой хроматографии для определения термодинамических свойств растворов

Mölder, Leevi; Arro, Marje; Metlitskaja, Olga; Ebber, Arkadi Четвертая научная конференция по аналитической химии Прибалтийских республик, БССР и Калининградской области. Часть 2 : тезисы докладов 1982 / с. 166
https://www.ester.ee/record=b1265289*est

Определение ориентационного и индукционного компонентов параметра растворимости полярных веществ без Н-связи

Ebber, Arkadi III республиканская конференция молодых ученых-химиков, 15-17 мая 1979 года : тезисы докладов 1979 / с. 16-170 https://www.ester.ee/record=b1280470*est

Проблемы снижения термонапряжений твердосплавных сопел

Valdma, Leo Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 10-11

Термодинамические свойства двухкомпонентных систем, содержащих характерные составляющие сланцевой смолы : автореферат ... кандидата химических наук (05.17.07)

Metlitskaja, Olga 1985 https://www.ester.ee/record=b1260774*est

Электрохимическое исследование системы магний-цинк : автореферат ... кандидата технических наук (05.16.03)

Pedokand, Tõivu 1976 https://www.ester.ee/record=b2339055*est