

Abrasive impact wear: tester, wear and grindability studies = Abrasiivlöökkulumine: seade, kulumise ja jahvatatavuse uuringud

Tarbe, Riho 2009 <https://digi.lib.ttu.ee/i/?435> https://www.ester.ee/record=b2499200*est

Abrasivity and grindability study of mineral ores

Kulu, Priit; Tarbe, Riho; Käerdi, Helmo; Goljandin, Dmitri Wear 2009 / 11, p. 1832-1837 : ill

Al-SiC nanocomposites produced by high-energy milling and hot pressing

Kollo, Lauri; Bradbury, Christopher R.; Leparoux, Marc 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 25 : ill

Angularity evaluation of milled WC-Co powder

Kulu, Priit; Mikli, Valdek; Käerdi, Helmo; Besterici, Michal International journal of materials & product technology 2005 / p. 289-298 : ill

Characterisation of milled bromosodalite powder by XRPD and TEM methods

Mändar, H.; Haav, A.; Mikli, Valdek; Paat, Aadu; Felsche, J. Sixteenth European Crystallographic Meeting (ECM-16) : Lund, Sweden, 6-11 August 1995 : [abstracts] 1995 / P06-09, p. 52

Characterisation of TiC powders milled by attritor technique

Letunovitš, Sergei; Kommel, Lembit; Viljus, Mart; Pirso, Jüri Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 153-156 : ill

Characterization of disintegrator milled hardmetal powder

Kulu, Priit; Mikli, Valdek; Käerdi, Helmo; Besterici, Michal Powder metallurgy progress 2003 / p. 39-48 : ill

Characterization of mechanically milled cermet powders produced by disintegrator technology

Käerdi, Helmo; Goljandin, Dmitri; Kulu, Priit; Sarjas, Heikki; Mikli, Valdek Engineering materials and tribology 2013 / p. 148-153
<https://www.scientific.net/KEM.527.148>

Characterization of metallic powders produced by mechanical milling

Mikli, Valdek; Kulu, Priit; Zimakov, Sergei; Käerdi, Helmo Medžiagotyra = Materials science 1999 / 2, p. 19-21: ill

Characterization of metallic powders produced by mechanical milling

Mikli, Valdek; Kulu, Priit; Zimakov, Sergei; Käerdi, Helmo Proceedings of the 8th International Baltic Conference : Materials Engineering-99 : September 23-24, Kaunas, Lithuania 1999 / p. 153

Chemical pre-treatment of mechanically milled recycled hardmetal powders

Zikin, Arkadi; Yung, Der-Liang; Hussainova, Irina; Ilo, S. Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 777-782 : ill

Complete milling technologies of different valuable materials

Sannik, U.; Pappel, Toivo Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 152-154

Disintegrator milling system development and milling technologies of different materials =

Desintegraatorjahvatussüsteemi arendus ja erinevate materjalide desintegraatorjahvatustehnoloogiad

Goljandin, Dmitri 2013 <https://digi.lib.ttu.ee/i/?937> https://www.ester.ee/record=b2994890*est

Disintegrators and disintegrator treatment of materials

Goljandin, Dmitri; Kulu, Priit 2015

Effect of attrition milling on grain size and properties of composites

Kommel, Lembit; Kimmari, Eduard; Traksmäa, Rainer Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 25

Effect of milling activation of dry components on properties of foamed cement mortar in a two-stage manufacturing process

Baroninš, Janis; Shishkin, Andrei; Lusiš, Vitalijs; Giosue, Chiara; Goljandin, Dmitri; Novakova, Iveta; Kekez, Sofija; Korjakin, Aleksandrs; Gorelikovs, Dmitrijs; Gavrilovs, Pavels Case studies in construction materials 2025 / art. e04465
<https://doi.org/10.1016/j.cscm.2025.e04465>

Electron microscopy and image analysis study of powdered hardmetal materials and optoelectronic thin films

Mikli, Valdek 2003 https://www.ester.ee/record=b1782316*est

Fibrillation of aspen by alkaline cold pre-treatment and vibration milling

Kärner, Kärt; Elomaa, Matti Antero; Kallavus, Urve Materials science = Medžiagotyra 2016 / p. 358-363 : ill

<https://doi.org/10.5755/j01.ms.22.3.7412> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-energy ball milling of Nd-Fe-B powders

Mural, Zorjana; Kollo, Lauri; Kallip, Kaspar; Traksmaa, Rainer; Veinthal, Renno Proceedings of the Applied Magnetic Materials 2013 Conference 2013 / p. 12-16 : ill

Impact grinding and disintegrators

Tamm, Boris, inform.; Tümanok, Aleksei Proceedings of the Estonian Academy of Sciences. Engineering 1996 / p. 209-223

https://www.ester.ee/record=b1072098*est

Investigation of Devulcanised Crumb Rubber Milling and Deagglomeration in Disintegrator System

Lapkovskis, Vjaceslavs; Mironovs, Viktors; Irtiseva, Kristine; **Goljandin, Dmitri**; Shishkin, Andrei Key engineering materials 2019 / p. 216-220 <https://doi.org/10.4028/www.scientific.net/KEM.800.216> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Investigation of planetary milling for nano-silicon carbide reinforced aluminium metal matrix composites

Kollo, Lauri; Leparoux, Marc; Bradbury, Christopher R.; Jäggi, Christian; Carreno-Morelli, Efrain; Rodriguez-Arbaizar, Mikel Journal of alloys and compounds 2010 / p. 394-400 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0925838809018738>

Jahvatuse mõju rauapulbri omadustele

Letunovitš, S.; Kulu, Priit XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 118-119 https://www.ester.ee/record=b1322611*est

Jahvatustehnilistest uuringutest TPI-s

Rajur, Kaido; Öispuu, Leo Kõrgema tehnilise hariduse ja tehnilise mõtte areng Eestis 1989 / lk. 34-44

Jet milling of the powders for Nd-Fe-B sintered magnets

Mural, Zorjana; Kollo, Lauri; Veinthal, Renno 2014 International Conference on NdFeB Magnets : Supply Chain, Critical Properties, & Applications : proceedings : March 2-5th, 2014, New Century Grand Hotel Ningbo 2014 / p. 180-183 : ill

Kinetics of fine material particles in a disintegrator

Tamm, Jaan; Tadolder, Jüri OST-97 Symposium on Machine Design, Tallinn, Estonia, May 22-23, 1997 : proceedings 1997 / p. 16-24: ill https://www.ester.ee/record=b1083704*est

Mechanochemistry: a disruptive innovation for the industry of the future

Balaž, Matej; Vella-Zarb, Liana; Hernandez, Jose G.; Halasz, Ivan; Crawford, Deborah E.; Krupička, Martin; Vania, Andre; **Niidu, Allan**; Garcia, Felipe; Maini, Lucia; Colacino, Evelina Chimica oggi-chemistry today 2019 / p. 32-34

https://www.teknoscienze.com/tns_article/mechanochemistry-a-disruptive-innovation-for-the-industry-of-the-future/

Metal powders produced by disintegrator milling

Tümanok, Aleksei; Kulu, Priit Materials Engineering - 98 : materials of the VII-th International Baltic Conference, September 24-25, Jurmala, Latvia 1998 / p. 3-8: ill

Metal powders produced by disintegrator milling from industrial wastes

Tümanok, Aleksei; Kulu, Priit; Goljandin, Dmitri Abstract book of 4th ASM International Conference and Exhibition on the Recycling of Metals : Vienna, Austria, 1999 1999 / p. 20

Metal powders produced by disintegrator milling from the industrial wastes

Tümanok, Aleksei; Kulu, Priit; Goljandin, Dmitri 4th ASM International Conference and Exhibition on the Recycling of Metals : book of proceedings : 17-18 June, 1999, the Forum Hotel Vienna, Vienna, Austria 1999 / p. 309-318 : ill

Metallic powders for thermal spray produced by disintegrator milling

Zimakov, Sergei; Kulu, Priit; Goljandin, Dmitri Proceedings of Joint Nordic Conference in Powder Technology 2002 / p. 40

Metallic powders produced by disintegrator milling

Kulu, Priit; Tümanok, Aleksei; Zimakov, Sergei Proceedings of Joint Nordic Conference in Powder Technology : May 5-6, 1999, Oslo, Norway 1999 / p. 5

Micropowders produced by disintegrator milling

Peetsalu, Priidu; Zimakov, Sergei; Goljandin, Dmitri; Kulu, Priit; Mikli, Valdek; Käerdi, Helmo Engineering Materials & Tribology : BALTMATRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 32-33 http://www.imr.saske.sk/pmp/issue/2-2003/pmp_vol03_no2_p099-110.pdf

On inner friction factor of fine powders

Tamm, Jaan; Tadolder, Jüri OST-96 Symposium on Machine Design, [Stockholm], May 13-14, 1996 : program, abstracts 1996 / [1]

p https://kirj.ee/wp-content/plugins/kirj/pub/eng-1-1997-35-49_20230201200456.pdf

On inner friction factor of fine powders and application for calculation of material movement in impact mills

Tamm, Jaan; Tümanok, Aleksei; Tadolder, Jüri OST-95 Symposium on Machine Design : proceedings, Oulu, Finland, May 18-19, 1995 1995 / p. 112-121: ill https://www.ester.ee/record=b1033949*est

Performance evaluation of cement mortar and concrete with incorporated micro fillers obtained by collision milling in disintegrator

Bumanis, Girts; Bajare, Diana; **Goljandin, Dmitri** Ceramics-silikáty 2017 / p. 231-243 : ill <https://doi.org/10.13168/cs.2017.0021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phase evolution during high energy cube milling of Ti-6Al-4V-0.5 vol% TiC powders using heptane and tin as process control agents (PCAs)

Kishore Babu, N.; **Kallip, Kaspar**; Leparoux, Marc Advanced engineering materials 2017 / art. 1600662, p. 1-6 : ill <http://dx.doi.org/10.1002/adem.201600662>

Recycling of niobium slag by disintegrator milling

Kulu, Priit; Goljandin, Dmitri; Kõlaviir, Jaan; Hain, Tiina; Kivisto, Mart Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 97-102 : ill <https://www.scientific.net/KEM.799.97> https://www.ester.ee/record=b5235278*est <https://doi.org/10.4028/www.scientific.net/KEM.799.97> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Recycling of secondary raw materials for the production of new composite products: a devulcanised crumb rubber case study

Lapkovskis, Vjaceslavs; Mironovs, Viktors; Kristine, I.; **Goljandin, Dmitri** 11th International Conference Biosystems Engineering : May 6-8, 2020 in Tartu, Estonia : book of abstracts [Võrguteavik] 2020 / p. 130 https://www.ester.ee/record=b5347289*est

Retreatment of industrial plastic wastes by high energy disintegrator mills

Kers, Jaan; Kulu, Priit REWAS'04 : Global Symposium on Recycling, Waste Treatment and Clean Technology : [proceedings of the "Rewas'04", held in Madrid, Spain, September 26-29, 2004]. Volume III 2004 / p. 2795-2796 : ill

Retreatment of polymer wastes by disintegrator milling

Kulu, Priit; Goljandin, Dmitri Waste material recycling in the circular economy. Ed. by Dimitris S. Achilias 2021 / p. 80-121 : ill <https://doi.org/10.5772/intechopen.99715>

The properties of mineral additives obtained by collision milling in disintegrator

Bumanis, Girts; **Goljandin, Dmitri**; Bajare, Diana Engineering materials and tribology XXV 2017 / p. 327-331 <https://doi.org/10.4028/www.scientific.net/KEM.721.327> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Дезинтеграторная установка для исследования процесса износа и измельчения

Vainu, J. Трение и износ в машинах. 14 1987 / с. 19-24

Зависимость скорости гашения извести от тонины помола

Räni, Ahto; Randma, I.; Lõhmus, H.; Randma, Heino Сборник трудов (НИПИ силикатобетон), 3 1968 / с. 64-72: илл. https://www.ester.ee/record=b1764431*est

Изучение размола угля в дезинтеграторе-сепвраторе

Tamm, Jaan; Tümanok, Aleksei X Юбилейный всесоюзный симпозиум по механоэмиссии и механохимии твердых тел (24-26 сент. 1986 г., г. Ростов н/Д) : Тезисы докладов 1986 / с. [?]

Исследование многоступенчатого размола сланцев в лабораторных установках

Poljorov, K.; Semenov, A.; **Prikk, Arvi; Õispuu, Leo**; Tšelištšev, N.; Ivanov, S. Теплоэнергетика : сборник статей. 15 1976 / с. 3-18 : ил https://www.ester.ee/record=b2190745*est <https://digikogu.taltech.ee/et/Item/d869210f-7c07-4892-a311-44b646f3310e>

Исследование процесса размола эстонских сланцев : автореферат ... кандидата технических наук

Õispuu, Leo 1966 http://www.ester.ee/record=b1569740*est

Кинетика и механизм измельчения карбидохромоникелевой смеси при размоле

Arensburger, Daniil; Pirso, Jüri Свойства и технология изготовления износостойких материалов 1982 / с. 37-46 : илл https://www.ester.ee/record=b1309562*est <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fbd01534>

Кинетика размола топлива при ударно-отражательном измельчении

Rajur, Kaido; Pihu, Tõnu; Õispuu, Leo Проблемы работы котельных установок тепловых электростанций 1983 / с. 15-25 : ил https://www.ester.ee/record=b1286798*est <https://digikogu.taltech.ee/et/Item/0d56b840-b3dc-4df9-823e-4c96cd509e77>

Некоторые результаты исследования размола металлических порошков в универсальном дезинтеграторе-активизаторе

Kulu, Priit; Letunovitš, Sergei Свойства и технология изготовления износостойких материалов 1982 / с. 63-68 : илл
https://www.ester.ee/record=b1309562*est <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fbd01534>

Некоторые энергетические аспекты сепарационного измельчения в дезинтеграторе

Tümanok, Aleksei; Tamm, Jaan УДА-технология : тезисы докладов III семинара, 4-6 сентября 1984 г. 1984 / с. 30-31 : илл
https://www.ester.ee/record=b1569821*est

О влиянии влажности сланца на эффективность размола

Rajur, Kaido; Õispuu, Leo Исследования проблем работы парогенераторов электростанций 1978 / с. 29-35 : илл
https://www.ester.ee/record=b1305007*est <https://digikogu.taltech.ee/et/Item/0b775307-30d6-4b2a-886c-d3671cfebcd6>

О математическом описании гранулометрического состава мельничного продукта при грубом измельчении горючего сланца в центробежно-отражательной мельнице

Pihu, Tõnu; Rips, Andrus Проблемы работы котельных установок тепловых электростанций 1988 / с. 26-33

О помоле сланцезольного портландцемента

Piksarv, Evald; Kikas, Verner; Noormets, H.; Uustalu, Enn Сборник трудов по изучению золы сланца-кукерсита. 6 1972 / с. 25-31 : илл https://www.ester.ee/record=b2190533*est <https://digikogu.taltech.ee/et/Item/29889133-4a49-423b-82d3-22a748732c52>

Перераспределение серы в процессах размола и озоления березовского угля

Mahlapuu, Aime; Nuutre, Maaris; Ots, Arvo; Paist, Aadu; Poobus, Arvi Исследование работы парогенераторов электростанций 1979 / с. 13-21 : илл https://www.ester.ee/record=b1271273*est <https://digikogu.taltech.ee/et/Item/aa46d054-b6b8-4ad0-bfd6-b9ce1a581794>

Применение измельченных отрубей при выработке нового сорта хлеба

Veskus, Tiina; Kann, Aino; Kesküla, J.; Einborn, Illi Вопросы повышения качества пищевых продуктов 1988 / с. 11-22

Распределение минеральной части по фракциям пыли березовского угля

Prikk, Arvi; Maarend, Jaak; Soone, L. Влияние минеральной части энергетических топлив на условия работы парогенераторов : материалы Всесоюзной конференции. Том 1, Превращение неорганической части топлива в топочном пространстве и механизм загрязнения поверхностей нагрева 1974 / с. 18-26 : илл., таб https://www.ester.ee/record=b1294605*est

Рациональный выбор эмпирического закона распределения для описания продукта измельчения

Tümanok, Aleksei; Tamm, Jaan Известия Сибирского отделения Академии наук СССР. Серия химических наук 1983 / с. 8-11 : илл https://www.ester.ee/record=b1538903*est

Управления кинетики измельчения

Tümanok, Aleksei; Tamm, Jaan; Suur, Uno Технология сыпучих материалов - Химтехника 86 : Тезисы докладов к предстоящей всесоюзной конференции, Белгород, 16-18 сент. 1986 г. 1986 / с. [?]

Характеристики разделения сепаратора промышленной сланцеразмольной мельницы

Rajur, Kaido; Õispuu, Leo Исследование работы парогенераторов электростанций 1979 / с. 23-29 : илл
https://www.ester.ee/record=b1271273*est <https://digikogu.taltech.ee/et/Item/aa46d054-b6b8-4ad0-bfd6-b9ce1a581794>