

Aatomid on nüüd nähtavamad : [TTÜ materjaliuuringute teaduskeskuses 9. veebr. alustatud materjalide nanostruktuuri uurimisseadme (aatomjõumikroskoobi AFM) seadistamisest]

Vähi, Kersti Õpetajate Leht 2006 / 10. märts, lk. 16

Abrasiivosakeste kiirendi modifitseeritud variant

Anvelt, I.; Kann, K.; Kriisa, R.; Kleis, Ilmar; Pappel, Toivo XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 80 https://www.ester.ee/record=b2449987*est

Abrasive erosion of ductile and brittle materials

Järvpõld, Neeme Proceedings of the First National DAAAM Conference in Estonia : Science '95 1996 / p. 50-56: ill

Abrasivity study of materials used at abrasive tests

Kulu, Priit; Veinthal, Renno; Käerdi, Helmo; Tarbe, Riho Tribology 2008 : proceedings of the 9th International Tribology Conference : University of Pretoria, South Africa, 2-4 April 2008 2008 / p. 3.4(1)-3.4(10)

Accelerated methods of determination of fatigue characteristics of materials

Strižak, Viktor; Preis, Irina Proceedings of XVII Symposium of Mathematical Modelling in Solid Mechanics by BEM & FEM 1999 / p. 275-280

Accelerated methods of determination of fatigue life of materials

Strižak, Viktor; Preis, Irina Proceedings of International 17th Conference on Boundary and Finite Elements Methods in Mechanics of Solids and Structures : June 1999, St. Petersburg, Russia. Vol. 2 1999 / p. 131-132

Additive manufacturing of electrical machines - towards the industrial use of a novel technology

Vaimann, Toomas; Kallaste, Ants Energies 2023 / art. 544 <https://doi.org/10.3390/en16010544> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Advanced cermets as tribomaterials

Hussainova, Irina; Antonov, Maksim; Kübarsepp, Jakob Proceedings of the 5th World Tribology Congress : WTC13 : September 8-13, 2013, Torino, Italy 2013

Advanced multifunctional materials and their applications

Antonov, Maksim; Hussainova, Irina; Kers, Jaan; Kulu, Priit; Kübarsepp, Jakob; Veinthal, Renno Research in Estonia : present and future 2011 / p. 146-167

Akustiliste lainete mõõtmise aitab määrata materjali omadusi : [Euroopa Teadusfondi programmist, 2001-2004 osales selles TTÜ Küberneetika Instituudi Mittelineaarsete protsesside analüüsi keskuse tööühm]

Ravasoo, Arvi Eesti Teadusfondi Aastaraamat 2004 2005 / lk. 24 : ill

Application of Taguchi method for in-situ synthesis of TiC from TiO₂-graphite powders in PTAW hardfacings and characterization thereof

Yöyler, Sibel; Surzhenkov, Andrei; Viljus, Mart; Traksmäa, Rainer; Juhani, Kristjan AIP conference proceedings 2024 / art. 040007 <https://doi.org/10.1063/5.0189317>

Atomic structure and dynamics of unusual and wide-gap phase-change chalcogenides : a GeTe₂ case

Usuki, Takeshi; Benmore, Chris J.; Tverjanovich, Andrey; Bereznev, Sergei; Khomenko, Maxim; Sokolov, Anton; Fontanari, Daniele; Ohara, Koji; Bokova, Maria; Kassem, Mohammad; Bychkov, Eugene Physica status solidi - rapid research letters 2024 / art. 2300482 <https://doi.org/10.1002/pssr.202300482>

BALTMATTRIB - 2006 : [TTÜ materjalitehnika instituudi korraldatavast rahvusvahelisest konverentsist "Engineering Materials and Tribology" 5.-6. okt. Tallinnas : eelteade]

Mente et Manu 2006 / 5. okt., lk. 2 https://www.ester.ee/record=b1242496*est

Behaviour of material in alteration of loading and stress-relaxation

Kenk, Kalju Proceedings of the 18th International Conference "Boundary & Finite Elements Methods in Mechanics of Solids & Structures" : St.-Petersburg, May 2000. Vol. 2 2000 / p. 275-281

Cemented carbides surface fatigue prediction using Murakami approach

Sergejev, Fjodor; Preis, Irina; Kübarsepp, Jakob; Klaasen, Heinrich Proceedings of EURO PM 2006 Congress & Exhibition : Ghent, Belgium, 23-26 Oct. 2006. 1 2006 / p. 61-66

Centre for Materials Research

Paat, Aadu Research activities / Tallinn Technical University 1993 / p. 17-20 https://www.ester.ee/record=b1053754*est

Characterisation of exponentially graded materials by ultrasound

Braunbrück, Andres; Majak, Jüri ICCS17 : 17th International Conference on Composite Structures : Portugal 17-21 June 2013 : book of abstracts 2013 / p. 55

Characterization of filter media used in the dewatering of iron ore

Salmimies, Riina; Häkkinen, Antti; **Kallas, Juha**; Ekberg, Bjärne; Andreassen, Jens-Petter; Beck, Ralf NoFS-13 : proceedings of the 13th Nordic Filtration Symposium: June 10-11, 2010, Lappeenranta, Finland 2010 / p. 173-178 : ill

ChemEASTry Europe, the status of the chemical sciences in a growing region

Gryko, Dorota; Szumna, Agnieszka; Aav, Riina; Soos, Tibor Organic letters 2023 / p. 6237-6239

<https://doi.org/10.1021/acs.orglett.3c02621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ChemEASTry Europe, the status of the chemical sciences in a growing region

Gryko, Dorota; Szumna, Agnieszka; **Aav, Riina**; Soos, Tibor The journal of organic chemistry 2023 / p. 12165-12167

<https://doi.org/10.1021/acs.joc.3c01805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A class of inverse problems for viscoelastic material with dominating Newtonian viscosity

Janno, Jaan; Wolfersdorf, Lothar von Quarterly of applied mathematics 1999 / 3, p. 465-474

Comparison of carbon aerogel and carbide-derived carbon as electrode materials for non-aqueous supercapacitors with high performance

Laheäär, Ann; **Peikolainen, Anna-Liisa; Koel, Mihkel**; Jänes, Alar; Lust, Enn Journal of solid state electrochemistry 2012 / p. 2717-2722 : ill <https://link.springer.com/article/10.1007/s10008-012-1660-4>

Comparison of carbon aerogel and carbide-derived carbon as electrode materials for non-aqueous supercapacitors with high performance

Laheäär, Ann; **Peikolainen, Anna-Liisa; Koel, Mihkel**; Jänes, Alar; Lust, Enn The 63rd Annual Meeting of International Society of Electrochemistry : 19.-24.08.2012, Praha 2012 / Abstract #s04-068 <https://link.springer.com/article/10.1007/s10008-012-1660-4>

Comparison of turn-on characteristics of thyristor structures based on wide bandgap materials

Rang, Toomas; Vaselo, Aleksandr; **Rang, Galina; Pikkov, Mihhail** Proceedings of the Estonian Academy of Sciences. Engineering 2007 / 4, p. 445-454 : 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

Complex materials analysis and visualization through virtual reality environments

Pastorelli, Emiliano; Herrmann, Heiko Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 99-102 : ill

A computational approach to study functional monomer|protein molecular interactions to optimize protein molecular imprinting

Boroznjak, Roman; Reut, Jekaterina; Tretjakov, Aleksei; Lomaka, Andre; Öpik, Andres; Sõritski, Vitali Journal of molecular recognition 2017 / art. e2635, p. 1-9 : ill <https://doi.org/10.1002/jmr.2635> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Condition of common deformations in screws and ball screws

Penkov, Igor 2017 <https://www.lap-publishing.com>

Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : Tallinn, Estonia, 1-5 June 2005

Koel, Mihkel; Hamley, Paul Green chemistry 2005 / 9, p. 632-635 : phot

A constitutive model for linear hyperelastic materials with orthotropic inclusions by use of quaternions

Herrmann, Heiko Continuum mechanics and thermodynamics 2021 / p. 1375-1384 <https://doi.org/10.1007/s00161-021-00979-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Control of an inverted pendulum using an ionic polymer-metal composite actuator

Hunt, Andres; Chen, Zheng; Tan, Xiaobo; **Kruusmaa, Maarja** IEEE/ASME Transactions in Mechatronics : 2010 IEEE/ASME International Conference on Advanced Intelligent Mechatronics : July 6-9, 2010, Montréal, Canada 2010 / p. 163-168 : ill <https://ieeexplore.ieee.org/document/5695913>

Controlled formation of optoelectronic materials in the form of monograin powders

Mellikov, Enn; Hiie, Jaan; Altosaar, Mare Abstracts of the 2nd European Conference on Advanced Materials and Processes 1991 / p. 292-293

Creep damage evaluation of power plant components

Tallermo, Harri; Klevtsov, Ivan "Creep Resistant Metallic Materials" held in Prague, Czech Republic, 8-11 April 2001 : part of the 10th joint International Conference on Creep & Fracture of Engineering Materials and Structures : proceedings 2001 / p. 306-311 : ill

Cu₂Zn_{1-x}CdSn_x(Se_{1-y}Sy)₄ solid solutions as absorber materials for solar cells

Altosaar, Mare; Raudoja, Jaan; Timmo, Kristi; Danilson, Mati; Grossberg, Maarja; Krustok, Jüri; Mellikov, Enn Physica status solidi (a) : applications and materials science 2008 / 1, p. 167-170 : ill <https://colab.ws/articles/10.1002%2Fpssa.200776839>

Decarbonization of natural limecontaining materials and reactivity of calcinated products towards SO₂ and CO₂

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik Programme and abstract book of 12th International Congress on Thermal Analysis and Calorimetry : August 14-18, 2000, Copenhagen, Denmark 2000 / p. 344
<https://link.springer.com/article/10.1023/A:1011561500091>

Decoding the atomic structure of Ga₂Te₅ pulsed laser deposition films for memory applications using diffraction and first-principles simulations

Tverjanovich, Andrey; Benmore, Chris J.; Khomenko, Maxim; Sokolov, Anton; Fontanari, Daniele; Bereznev, Sergei; Bokova, Maria; Kassem, Mohammad; Bychkov, Eugene Nanomaterials 2023 / art. 2137 <https://doi.org/10.3390/nano13142137> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Decomposition method for solving optimal material orientation problems

Majak, Jüri; Pohlak, Meelis Composite structures 2010 / 8, p. 1839-1845
<https://www.sciencedirect.com/science/article/pii/S0263822310000346>

Deep-ultraviolet emitter : rare-earth-free ZnAl₂O₄ nanofibers via a simple wet chemical route

Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Romet, Ivo; Del Campo, Adolfo; Gorni, Giulio; Hussainova, Irina; Fernandez, Jose Francisco; Nagirnyi, Vitali Inorganic Chemistry 2022 / p. 11886-11896 <https://doi.org/10.1021/acs.inorgchem.2c01646> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Deformation waves in microstructured solids and dimensionless parameters

Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert; Salupere, Andrus Proceedings of the Estonian Academy of Sciences 2013 / p. 109-115 : ill https://artiklid.elnet.ee/record=b2624195*est

Deformations in round-profiled threads and their influence on the screw durability

Penkov, Igor; Strižak, Viktor; Sivitski, Alina International Review of Civil Engineering 2014 / p. 61-67

Determination of inhomogeneous properties of materials by analysis of ultrasonic wave motion

Braunbrück, Andres ACTA acustica united with acustica 2014 / p. 259-265 : ill

Determining properties of nonlinear microstructured materials by means of solitary waves

Janno, Jaan; Engelbrecht, Jüri Proc. 5th International Conference on Inverse Problems in Engineering : Cambridge, 2005. Vol. II 2005 / p. J02 1-6

Development of novel hierarchically microporous-mesoporous carbon and carbon nanospheres based materials and PEMFC single cells

Lust, Enn; Sepp, Silver; Nerut, Jaak; Taleb, Masoud ECS transactions 2016 / p. 777-788 <http://dx.doi.org/10.1149/07514.0777ecst>

Development of novel hierarchically microporous-mesoporous carbon and carbon nanospheres based materials and PEMFC single cells

Lust, Enn; Sepp, Silver; Nerut, Jaak; Taleb, Masoud PRiME Meeting : MA2016-02, October 2-7, 2016, Honolulu, Hawaii 2016 / p. 2539 <http://ma.ecsdl.org/content/MA2016-02/38/2539.abstract?sid=3a2322bd-5e72-463a-b64a-1b02d671829b>

Developments and investigations on battery materials

Witter, Raiker; Irshad, Mohammad; Molaiyan, Palanivel; Oss, A.; Anupöld, T.; Rongeat, C.; Reddy, M. Anji; Fichtner, M.; Samoson, Ago 56th Rocky Mountain Conference on Magnetic Resonance : July 13-17, 2014, Copper Conference Center, Copper Mountain, Colorado, USA 2014 / p. 336

Diffusion welding technology for wide bandgap materials

Rang, Toomas; Korolkov, Oleg Proceedings of the European COPEX Seminar, June 17-19, 1997, Vienna, Austria 1997 / p. 124-127

Disintegrator milling system development and milling technologies of different materials =

Desintegraatorjahvatussüsteemi arendus ja erinevate materjalide desintegraatorjahvatustehnoloogiad Goljandin, Dmitri 2013 <https://digi.lib.tu.ee/i/?937> https://www.ester.ee/record=b2994890*est

Disintegrators and disintegrator treatment of materials

Goljandin, Dmitri; Kulu, Priit 2015

Dry desulphurization of flue gases by Estonian lime-containing materials

Kuusik, Rein, keemik; Kaljuvee, Tiit; Trikkel, Andres; Maarend, Jaak; Roundyguine, Juri Proceedings of the 10th World Clean Air Congress, held at Espoo, Finland, May 28 - June 2, 1995. Vol. 1, Emissions and control 1995 / p. 037 [4 p.]: ill

Dynamic hardness as the most reliable number characterising the properties of materials

Kleis, Ilmar; Remi, Toomas Abstracts of the 1-st European Solid Mechanics Conference EUROMECH 91, München, 9-13 Sept. 1991 1991 / p. 118-119

Eesti otsib innovatsiooni kui sõnajaalõit : [TTÜ materjalitehnika instituudis väljatöötatud uuest materjalist]

Aru, Erik Eesti Päevaleht 2005 / 23. nov., Ärileht, lk. 10

Eesti Rahvusraamatukogu fondides olevate naha ja paberimaterjalide mikrostruktuuri uurimine : lühiaruanne : G1466

Kallavus, Urve 1994

Effect of fluid adsorption on strength and wear characteristics of parts

Üksti, Lembit OST-94 Symposium on Machine Design : proceedings, Tallinn, Estonia, April 14-15, 1994 1994 / p. 27-33: ill

Effect of strain rate, volume fraction of particles and temperature on fracture mechanism in Al-Al4C3 systems

Velgosova, Oksana; Besterci, Michal; Kovac, Ladislav; **Kulu, Priit;** Huang, Song-Jeng Kovove materialy = Metallic materials 2011 / p. 361-367 : ill

https://www.researchgate.net/publication/273435866_Effect_of_strain_rate_volume_fraction_of_particles_and_temperature_on_fracture_mechanism_in_Al-Al4C3_systems

Effect of the laser processing parameters on the selective laser melting of TiC–Fe-based cermets

Maurya, Himanshu Singh; Kollo, Lauri; Tarraste, Marek; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss

Journal of manufacturing and materials processing 2022 / art. 35, 11 p. : ill <https://doi.org/10.3390/jmmp6020035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ehitiste materjalide korrosiooni ja selle tõrje õpetamisest keskkoolis

Põldme, Juta XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 113

Ehituse materiaal-tehnilise baasi planeerimise mõningatest küsimustest

Pelevina, G.; Žukova, N.; Zaitseva, T.; Zemskihh, N.; Žilkina, L.; Jekamassova, O.; Otsmaa, Svea XXIX vabariiklik üliõpilaste

teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 134

https://www.ester.ee/record=b2449987*est

18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009,

Tallinn, Estonia : abstracts

2009 http://www.ester.ee/record=b2537121*est

Einfluss der Temperatur der Ölverbrennungsprodukte auf die Korrosionsbeständigkeit der Kesselwerkstoffe

Õpik, Ilmar; Ots, Arvo; Laid, Jaan; Randmann, Rein; Suik, Heinrich; Mjaskas, V. Archiv für Energiewirtschaft : Zeitschrift für

Energiewesen 1979 / S. 624-633 <https://www.ester.ee/record=b1848839>

Eksperimentalno određivanje efektivne toplotne provodnosti poroznog materijala ispunjenog fluidom na nadkritičnim parametrima

Afgan, N.; Jović, L.; Jović, V.; **Tiikma, Toomas; Käär, Harri** Termotehnika 1982 / p. 48-62

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

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

Elektrimasinate ehituse ainete omadused

Võrk, Hans Roland 1930 https://www.ester.ee/record=b1308776*est

Employment of dopant-free fluorene-based enamines as innovative hole transport materials to boost the transparency and performance of Sb2S3 based solar cells

Juneja, Nimish; Daskeviciute-Geguziene, Sarune; **Spalatu, Nicolae; Mandati, Sreekanth; Katerski, Atanas;** Grzibovskis, Raitis;

Vembris, Aivars; Karazhanov, Smagul; Getautis, Vytautas; **Krunks, Malle; Oja Acik, Ilona** Materials science in semiconductor

processing 2024 / art. 107934 <https://doi.org/10.1016/j.mssp.2023.107934>

Energy materials

Mellikov, Enn; Õpik, Andres; Lust, Enn; Jänes, Alar Research in Estonia : present and future 2011 / p. 120-145 : ill

Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003,

Tallinn, Estonia : abstracts

2003 https://www.ester.ee/record=b1809345*est

Engineering materials and tribology

2013

Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia

2016 <http://dx.doi.org/10.4028/www.scientific.net/KEM.674>

[Entsüklopeediaartiklid]

Piiraja, Eduard ENE : Eesti nõukogude entsüklopeedia 1975 / lk. 375-376 ; 485 https://www.ester.ee/record=b1140282*est

Environment friendly and materials saving surface technologies

Kulu, Priit Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 39-40

https://www.ester.ee/record=b1492085*est

Erosion wear of PM materials and coatings : prediction and control

Veinthal, Renno; Kulu, Priit; Käerdi, Helmo 17th International Baltic Conference : Materials Engineering 2008 : November 6-7, Kaunas, Lithuania : abstracts of papers 2008 / p. 52-53

Erosive wear failures

Antonov, Maksim Failure analysis and prevention, vol. 11 2021 / p. 755-763 <https://doi.org/10.31399/asm.hb.v11.a0006795>

Estonian lime containing materials as sorbents for SO₂ removal

Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres; Veskimäe, Helgi Kemia 93 : Finnish Chemical Congress and Exhibition, Helsinki, 2.-4. nov. 1993 : abstracts 1993 / p. 20-21

EU Waste Reduction Week : How to end excessive consumption, limit waste? [Võrguväljaanne]

news.err.ee 2022 [EU Waste Reduction Week: How to end excessive consumption, limit waste?](https://www.ester.ee/record=b1492085*est)

Evolved gas analysis of inorganic materials using thermochromatography : model inorganic salts and palagonite Martian soil simulants

Coel, Mihkel; **Kaljurand, Mihkel**; Lochmüller, Charles H. Analytical chemistry 1997 / 22, p. 4586-4591

Experimental observation of quantum many-body excitations of E₈ symmetry in the Ising chain ferromagnet CoNb₂O₆

Amelin, Kirill; Engelmayer, Johannes; Viirik, Johan; Nagel, Urmas; Rõõm, Toomas; Lorenz, Thomas; Wang, Zhe Physical review B 2020 / art. 104431, 5 p. : ill <https://doi.org/10.1103/PhysRevB.102.104431>

Fatigue life estimation for material under random stress oscillations

Klevtsov, Ivan; Crane, Roger Tallinna Tehnikaülikooli Toimetised 1994 / lk. 4-15: ill

Fibroliid

Raado, Lembi-Merike TEA entsüklopeedia. 7. köide, Faial-Haamer 2011 / lk. 44

15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts

2006 https://www.ester.ee/record=b2227259*est

Fiiberklaasist teiba valmistamine ja tema omaduste kindlaksmääramine

Toomsalu, Ruudi; Müürisepp, Gunnar Eesti NSV VII vabariiklik teaduslik-metoodiline konverents kehakultuuri alal : [konverentsi materjalid] 1964 / lk. 26-28 <https://www.digar.ee/arhiiv/nlib-digar:373740>

Flow of air and particles mixture in a desintegrator

Tümanok, Aleksei; Tamm, Jaan; Roes, Andrus Eesti Teaduste Akadeemia Toimetised. Füüsika. Matemaatika 1994 / 4, lk. 280-292: ill

Fracture description of AZ61 Mg-Al₂O₃ materials studied by "in situ tensile test in SEM"

Besterci, Michal; Nagy, Štefan; Huang, Song-Jeng; Velgosova, Oksana; Sülleiova, Katarina; **Kulu, Priit** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 165-172 : ill

<https://doi.org/10.4028/www.scientific.net/KEM.674.165> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Gas-phase destruction of carbon tetrachloride over iron-containing materials under mild process conditions

Preis, Sergei; Magrini, Kimberly A.; Wolfrum, Edward J. Oxidation Technologies for Water and Wastewater Treatment : 2nd International Conference 2000 / p. 75

Helilained, mis kohtudes tervitavad teineteist. Mittelineaarne kellahelin

Braunbrück, Andres Keeruka maailma võlu 2015 / lk. 46-48 : ill https://www.ester.ee/record=b4488344*est

Hidden and driven solitons in microstructured media

Salupere, Andrus; Engelbrecht, Jüri 21st International Congress of Theoretical and Applied Mechanics : August 15-21, 2004, Warsaw, Poland : ICTAM04 : abstracts and CD-ROM proceedings 2004 / p. 278
http://fluid.ippt.gov.pl/ictam04/text/sessions/docs/SM11/11813/SM11_11813.pdf

High temperature electrical conductivity in donor-doped II-VI compounds

Lott, Kalju; Volobujeva, Olga; Öpik, Andres; Nirk, Tiit; Türn, Leo; Nöges, M. Physica status solidi (c) 2003 / 2, Proceedings 10th International Conference on Shallow Level Centers in Semiconductors (SLCS-10) : Warsaw, Poland, 24-27 July 2002, p. 618-621 : ill <https://onlinelibrary.wiley.com/doi/abs/10.1002/pssc.200306185>

Hoone kanalisatsioon [Võrguteavik] = Draining system inside buildings / Eesti Standardimis- ja Akrediteerimiskeskus

2021 https://www.ester.ee/record=b5449156*est

Identification of a special class of memory kernels in one-dimensional heat flow

Janno, Jaan; Wolfersdorf, Lothar von Journal of inverse and ill-posed problems 2001 / 4, p. 389-411
<https://www.degruyter.com/document/doi/10.1515/jiip.2001.9.4.389/html>

Identification of memory kernels in general linear heat flow

Janno, Jaan; Wolfersdorf, Lothar von Journal of inverse and ill-posed problems 1998 / p. 141-164

Identification of memory kernels in one-dimensional heat flow with boundary conditions of the third kind

Janno, Jaan; Wolfersdorf, Lothar von Inverse problems in engineering 2001 / p. 175-198
<https://www.tandfonline.com/doi/abs/10.1080/174159701088027760>

Identification of microstructured materials by phase and group velocities

Janno, Jaan; Engelbrecht, Jüri Mathematical modelling and analysis 2009 / 1, p. 57-68
<https://www.tandfonline.com/doi/abs/10.3846/1392-6292.2009.14.57-68>

Identification of properties of microstructured materials by means of Gaussian wave packets and solitary waves

Janno, Jaan; Engelbrecht, Jüri 5th International Conference on Optimal Research "Simulation and Optimization in Business and Industry" : May 17-20, 2006, Tallinn, Estonia : programme and abstracts 2006 / p. 1

Identification of weakly singular memory kernels in viscoelasticity

Janno, Jaan; Wolfersdorf, Lothar von Zeitschrift für angewandte Mathematik und Mechanik 1998 / S. 391-403

Impact of conducting and insulating material to electric field

Järvik, Jaan; Mölder, Heigo; Vaimann, Toomas 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 107-112 : ill

Indium-free CIGS analogues : general discussion

Andreasen, Jens Wenzel; Bowers, Jake W.; Breternitz, Joachim; Dale, Phillip J.; Dimitrievska, Mirjana; Fermin, David J.; Ganose, Alex; Gurieva, Galina; Hages, Charles J.; **Mandati, Sreekanth** Faraday Discussions 2022 / p. 85-111
<https://doi.org/10.1039/D2FD90055F>

Influence of polypropylene materials to polypropylene hinge strength and durability

Krumme, Andres; Sivonen, M.; Kiilerich, M. Tallinna Tehnikaülikooli Toimetised 1994 / lk. 107-114: ill

Influence of protic ionic liquid-based flame retardant on the flammability and water sorption of alkalized hemp fiber-reinforced PLA composites

Alao, Percy Festus; Press, Raimond; Ruponen, Jussi; Mikli, Valdek; Kers, Jaan Polymers 2023 / art. 3661
<https://doi.org/10.3390/polym15183661> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of strain rate and temperature on mechanical properties and fracture mechanism of the dispersion strengthened Al-12Al4C3 system

Velgosova, Oksana; Besterci, Michal; **Kulu, Priit** Materials science = Medžiagotyra 2005 / p. 217-220 : ill
https://www.researchgate.net/publication/242220059_Influence_of_Strain_Rate_and_Temperature_on_Mechanical_Properties_and_Fracture_Mechanism_of_Dispersion_Strengthened_Al12Al4C3_System

Infrared radiation excited pigment marking technology

Juurma, Märt; Tamre, Mart 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 149-150 : ill

Ingredient mass measurement and uncertainty

Kulderknap, Edi Proceedings of the Estonian Academy of Sciences. Engineering 2000 / 4, p. 295-309
https://artiklid.elnet.ee/record=b1005485*est

Interaction of bursts in exponentially graded materials characterized by parametric plots

Ravasoo, Arvi Wave motion 2014 / p. 758-767 : ill <https://doi.org/10.1016/j.wavemoti.2014.01.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

International DAAAM : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia
1997 https://www.ester.ee/record=b3050171*est

An inverse problem for identification of a time- and space-dependent memory kernel in viscoelasticity

Janno, Jaan; Wolfersdorf, Lothar von Inverse problems 2001 / p. 13-24 <https://iopscience.iop.org/article/10.1088/0266-5611/17/1/302>

Inverse problem to determine degenerate memory kernels in heat flux with third kind boundary conditions

Pais, Enno; **Janno, Jaan** Mathematical modelling and analysis 2006 / 4, p. 472-450
<https://journals.vilniustech.lt/index.php/MMA/article/view/9651>

Inverse problems for microstructured materials

Janno, Jaan 4th International Conference Inverse Problems : Modelling and Simulation : Fethiye, 26-30.05.2008 : abstracts 2008 / p. 85

Inverse problems related to a coupled system of microstructure

Janno, Jaan; **Engelbrecht, Jüri** Inverse problems 2008 / p. 045017 (15 p.) : ill

Inverse problems to determine non-homogeneous degenerate memory kernels in heat flow

Pais, Enno 2007 https://www.ester.ee/record=b2298281*est

An inverse solitary wave problem related to microstructured materials

Janno, Jaan; **Engelbrecht, Jüri** Inverse problems 2005 / p. 2019-2034

Investigation of silicon carbide diode structures via numerical simulations including anisotropic effects

Velme, Enn; **Udal, Andres**; Masszi, F.; Nordlander, E. Simulation of semiconductor devices and processes. Vol. 6 1995 / p. 340-343: ill https://link.springer.com/chapter/10.1007/978-3-7091-6619-2_83

Joint reduction of NiO/WO₃ pair and NiWO₄ by Mg + C combined reducer at high heating rates

Zakaryan, Marieta; Nazaretyan, Khachik; **Aydinyan, Sofiya**; Kharatyan, Suren Metals 2021 / art. 1351, 13 p. : ill
<https://doi.org/10.3390/met11091351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Journal of thermal stresses

2011

2004. aasta teaduspreemia tehnikateaduste alal töö "Faasisiirdefrondid martensiitsetes tahkestes" eest : [Arkadi Berezovski'le]

Berezovski, Arkadi Teadusmõtte Kübermeetika Instituudis 2010 / lk. 110-119 : ill

Kas ja milliseid materjaliuuringuid ootab Eesti TTÜ mehaanikateaduskonnalt

Kulu, Priit Teadusmõtte Eestis. 4, Tehnikateadused. 2 2007 / lk. 65-69

Kas maailmast võib mõni materjal otsa saada?

arileht.delfi.ee 2022 [TalTechi podcast: kas maailmast võib mõni materjal otsa saada?](#)

Kauba ja materjali massi mõõtmise kaalumise meetod : mõõtemetoodika

Kulderknap, Edi; **Laaneots, Rein**; **Nanits, Mats-Maidu** 1998 https://www.ester.ee/record=b1061134*est

Kauba ja materjali massi mõõtmise kaalumise meetod = Goods and materials mass measurement by weighing : measurement method

Kulderknap, Edi 2010 https://www.ester.ee/record=b2629921*est

Keemia- ja materjalitehnoloogia teaduskond : [TTÜs : erialade tutvustus]

Reile, Rein Mente et Manu. Uudistaja : sisseastuja erileht 2003 / kevad, lk. 4 : ill https://www.ester.ee/record=b1242496*est

Keevituse materjalid : standardid, markeering, koostis, omadused : [käsiraamat]

1995 https://www.ester.ee/record=b1068939*est

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

3D printimine avab elektrimasinate tootmisel ennenägematuid võimalusi

Vaimann, Toomas Elektriala 2023 / lk. 22-23 : portr., fot https://www.ester.ee/record=b1240496*est

Kuidas sündis see raamat : [sõnavõtt] kirjastuse Springer väljaandel ilmunud Ilmar Kleisi ja Priit Kulu monograafia "Solid particle erosion" esitlusel 6. detsembril 2007 mehaanikateaduskonnas

Kulu, Priit Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 390-392

Kuressaare kolledžis räägitakse innovaatilistest materjalidest

Kalmus, Kertu Saarte Hääl 2011 / lk. 2

Kvaliteedijuhtimine ja kvaliteedisüsteemi elemendid. Osa 3, Juhised töötlusmaterjalidele

Kiitam, Andres 1998 https://www.ester.ee/record=b1212505*est

Kõrgsuutlikud materjalid ja kodumaine lina : [vestlus Anti Viikna'ga]

Viikna, Anti; Kello, Karl Õpetajate Leht 2010 / lk. 7 : portr https://artiklid.elnet.ee/record=b2152098*est

Kõrgtehnoloogilised materjaliuuringud Tallinna Tehnikaülikoolis

Mellikov, Enn; Õpik, Andres Teadusmõte Eestis : tehnikateadused 2002 / lk. 73-76 : ill

Laboratoorseid töid õppeaines "Ekspluatatsioonimaterjalid" : [autoekspluatatsiooniinseneride eriala üliõpilastele]

1978 https://www.ester.ee/record=b1490283*est

Lained tahkistes. Lainevõrrand. Materjalide sisestruktuur. Hierarhiline lainevõrrand

Engelbrecht, Jüri Keeruka maailma võlu 2015 / lk. 17-21 : ill https://www.ester.ee/record=b4488344*est

Lained vaatavad materjali sisse. Otsene ülesanne ja pöördülesanne. Solitonid luurajateks. Ultraheli. Kohtuvad lained

Engelbrecht, Jüri; Janno, Jaan Keeruka maailma võlu 2015 / lk. 45-46 https://www.ester.ee/record=b4488344*est

Lainelevi mikrostruktuuriga materjalides : Nikolai Alumäe [mälestus]loeng 12. septembril 2002 Küberneetika Majas

Engelbrecht, Jüri Tallinna Tehnikaülikooli aastaraamat 2002 2003 / lk. 266-269

Laser ablation and thermal evaporation of thin films and structures

Podgurski, Vitali 2001 https://www.ester.ee/record=b1507144*est

Lääne materjalid ja materjalistandardid

Kulu, Priit Terasleht : terase ja metallitööstuse infoleht 1994 / 2

Magnetic shape memory (MSM) effect in textured polycrystalline Ni₂MnGa

Ezer, Y.; Sozinov, A.; Kimmel, G.; Etelaniemi, V.; Glavatskaja, N.I.; Anci, A.D.; **Podgurski, Vitali**; Lindroos, V.K.; Ullakko, K. Smart materials technologies : 3-4 March, 1999, Newport Beach, California 1999 / p. 244-251 : ill <https://www.spiedigitallibrary.org/conference-proceedings-of-spie/3675/0000/Magnetic-shape-memory-MSM-effect-in-textured-polycrystalline-Ni2MnGa/10.1117/12.352795.full>

Masinaehitusmaterjalid

1992 https://www.ester.ee/record=b1063134*est

Masinaehitusmaterjalid. 5, Materjalide ja tehnoloogia valik

1991 https://www.ester.ee/record=b1196161*est

Masinaehitusmaterjalid. VI, Teras markeerimise põhimõtteid : meetoodiline materjal

1993 https://www.ester.ee/record=b1064033*est

Material flow analysis of Estonian oil-shale industry

Randla, Tiina; Gavrilova, Olga; Vilu, Raivo Workshop "Quo vadis MFA?" : Material Flow Analysis - Where do we go? : Issues, Trends and Perspectives of Research for Sustainable Resource use : 08.-10. October 2003, Wuppertal Institute : abstract - reader parallel sessions 2003 / [1] p

Material parameters identification by use of hybrid GA

Majak, Jüri; Toompalu, S.; Pohlak, Meelis Journal of achievements in materials and manufacturing engineering 2008 / 1, p. 63-66 : ill https://www.researchgate.net/publication/26872864_Material_parameters_identification_by_use_of_hybrid_GA

Material recycling and improvement issues in additive manufacturing

Mägi, Piret; Krumme, Andres; Pohlak, Meelis Proceedings of the 10th International Conference of DAAAM Baltic Industrial

Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 63-68 : ill

Material recycling and improvement issues in additive manufacturing

Mägi, Piret; Krumme, Andres Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 86

Materials and technologies for photovoltaic applications from Estonia

Mellikov, Enn; Altosaar, Mare; Kauk, Marit; Krustok, Jüri; Krunks, Malle; Varema, Tiit The Fourth International Conference on Advanced Optical Materials and Devices : (AOMD-4) : Tartu, Estonia, July 6-9, 2004 : abstracts 2004 / p. 45
https://www.researchgate.net/publication/252219854_Materials_and_technologies_for_photovoltaic_applications_from_Estonia

Materials design and bonding : general discussion

Agbenyeke, Raphael; Andreassen, Jens Wenzel; Benhaddou, Nada; Bowers, Jake W.; Breternitz, Joachim; Bär, Marcus; Dimitrievska, Mirjana; Fermin, David J.; Ganose, Alex; **Mandati, Srekanth** Faraday Discussions 2022 / p. 375-404
<https://doi.org/10.1039/D2FD90058K>

Materjaalide vastupidavuse õpetus

Villems, G. 1920 https://www.ester.ee/record=b1217367*est

Materjal ja konstruktsioon : metoodiline juhend üliõpilaskonstruktorile

1982 https://www.ester.ee/record=b1263116*est

Materjali korpuskulaarmudel pinnasemehaanikas

Ollik, Konstantin V Eesti geotehnika konverents. Ehitusgeoloogia. Pinnasemehaanika. Vundamendiehitus : teesid 1973 / lk. 25
https://www.ester.ee/record=b1300917*est

Materjali korpuskulaarmudel pinnasemehaanikas

Ollik, Konstantin Ehitusgeoloogia kogumik. 4 1977 / lk. 78-[86] : ill https://www.ester.ee/record=b1181493*est

Materjali liikumine vibreerival alusel

Tamm, J.; Tümanok, Aleksei; Kangur, Hillar XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 38 https://www.ester.ee/record=b2449987*est

"Materjalid ja protsessid jätkusuutlikus energeetikas" : [uus, Eesti materjaliteaduste tippkeskuse eriala : TTÜ ja Tartu Ülikooli ühine õppekava]

Studioosus 2009 / apr., lk. 10 https://www.ester.ee/record=b1558644*est

Materjalid ja protsessid jätkusuutlikus energeetikas : [uus inglisekeelne magistriõppe eriala TTÜs]

Nõges, Krõõt Mente et Manu 2009 / 20. märts, lk. 2 https://www.ester.ee/record=b1242496*est

Materjalide füüsikalise struktuuri uuringud TTÜ-s

Paat, Aadu; Rusalep, Ervin Insenerikultuur Eestis. 1 1992 / lk. 111-116 https://www.ester.ee/record=b1063622*est

Materjalide ja materjalitehnoloogiaalastest uuringutest Tallinna Tehnikaülikoolis

Kulu, Priit Teadusmõte Eestis : tehnikateadused 2002 / lk. 47-51 : ill

Materjalide katsetamise uus tase : TTÜ tugevuslabori kaasajastamine

Klauson, Aleksander; Metsaveer, Jaan; Raukas, Uusi Tallinna Tehnikaülikooli aastaraamat 2008 2009 / lk. 115-117 : fot

Materjalide leppemärgid lõigetel

Tamm, Lembit-Ottomar Õppemetoodika küsimusi ; 13 1976 / lk. 148-150 https://www.ester.ee/record=b1346720*est

Materjalide taaskasutus tee-ehituses ei ole möödud mood

Ramler, Gerli Teeleht 2020 / lk. 14-17 : fot https://www.ester.ee/record=b1073043*est
https://www.mnt.ee/sites/default/files/road_paper_pdf/teeleht_nr_101_veeb.pdf

Materjalide õpetamine ja materjaliõpetus Tehnikaülikoolis; Alus Balti koostööle

Kulu, Priit; Piroja, Eduard Tehnikaülikool 1993 / 5. nov., lk. 3: portr

Materjalidest ja materjaliteadusest Eestis

Kulu, Priit Tehnika ja Tootmine 1995 / 3, lk. 16-18; 4, lk. 12-13: ill

Materjalikulude arvestuse ja analüüsi mehhaniseerimisest jalatsitööstuses

Ruuvet, Ain Majandusteadus ja rahvamajandus 1967/68 : aastaraamat 1969 / lk. 244-247 https://www.ester.ee/record=b1691547*est

Materjaliteadlane : tulevikus on päikesepaneelid juba ehitusmaterjalide sees [Võrguväljaanne]

Grossberg, Maarja novaator.err.ee 2020 / audio [Materjaliteadlane: tulevikus on päikesepaneelid juba ehitusmaterjalide sees](#)

Materjaliuuringute keskus

Paat, Aadu Teadustegevus / TTÜ 1993 / lk. 21-24

Mechanisms of fracture of PM materials and coatings by impact loading

Kallas, Paul; Kulu, Priit; Pirsó, Jüri; Tümanok, Aleksei Deformation and fracture in structural PM materials : proceedings of the International Conference held in the Hotel Academia, the High Tatras, Slovakia, October 13-16, 1996. Vol. 2 1996 / p. 199-209 : ill

Metallide markeerimine. 1, Materjalistandardid

Kulu, Priit Tehnika ja Tootmine 1994 / 2, lk. 10-11 https://artiklid.elnet.ee/record=b1976807*est

Methods for estimating the damage factor of materials under the influence of plasma

Baraškova, Tatjana; Laas, T.; Pelõhh, Veronika Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 462-467 : ill

Microstructural aspects of wear of nonhomogeneous materials

Hussainova, Irina Abstracts of 1st ESF Nanotribology Workshop, Portovenere, Italy, 2002 2002 / p. 43

Microstructural evolution and mechanical properties of selective laser melted Ti-6Al-4V induced by annealing treatment

Wang, Pei; Chen, Feng-hua; Eckert, J.; Pilz, S.; Scudino, S.; Prashanth, Konda Gokuldoss Journal of Central South University 2021 / p. 1068-1077 : ill <https://doi.org/10.1007/s11771-021-4680-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructured materials : inverse problems

Janno, Jaan; Engelbrecht, Jüri 2011 https://www.ester.ee/record=b2720026*est

Mikro- ja nanotehnoloogiliste uurimismeetodite arendamine tööstuslike materjalide väljatöötamiseks : kommentaar Eesti Vabariigi teaduse aastapremia pälvinud tööde tsüklile

Kübarsepp, Jakob; Lõhmus, Ants; Hussainova, Irina; Lõhmus, Rünno Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 269-284

Mikrostruktuursed materjalid ja deformatsioonilained

Engelbrecht, Jüri; Salupere, Andrus; Berezovski, Arkadi Teadusmõte Eestis. 4, Tehnikateadused. 2 2007 / lk. 9-15 : ill https://www.ester.ee/record=b2206974*est

Milline pann osta? Kas odav pann teeb töö ära sama hästi kui kallis?

Arndt-Kalju, Margit; Kirikal, Siiri; Skuin, Mari; Tarkmeel, Krõõt delfi.ee 2023 [Milline pann osta? Kas odav pann teeb töö ära sama hästi kui kallis?](#)

Millisest materjalist valmistada kaitsemask?

Maaleht Targu Talita : Maalehe nõuandelisa : [ilmub koos Maalehega] 2020 / Lk. 318 https://www.ester.ee/record=b1073018*est

A minimum material volume based shell-plate-frame-pipe system

Heinloo, Mati; Kaul, Kaspar Proceedings of the Estonian Academy of Sciences. Engineering 1997 / p. 50-59: ill https://www.ester.ee/record=b1072102*est

Minimum weight problem of circular plates subjected to dynamic loading, considering the non-linear hardening of material

Kirs, Jüri Proceedings of the 18th International Conference "Boundary & Finite Elements Methods in Mechanics of Solids & Structures" : St.-Petersburg, May 2000. Vol. 2 2000 / p. 281-289

Minimum weight problem of plastic circular plates, considering the hardening of material

Kirs, Jüri OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 205-218: ill

Mittemetalsed materjalid

Arumäe, Heino; Sork, Eeve Masinaehitaja käsiraamat. 1. kd 1968 / lk. 650-668 https://www.ester.ee/record=b1298495*est

Model of fracture micromechanism of Cu-Cr-Zr system by "in-situ tensile test in SEM"

Besterci, Michal; Ivan, Jozef; Kulu, Priit; Arensburger, Daniil; Velgosova, Oksana Journal of mining and metallurgy. B, Metallurgy 2003 / p. 499-507 : ill https://www.researchgate.net/publication/47393844_Model_of_fracture_micro_mechanism_of_Cu-Cr-Zr_system_by_in-situ_tensile_test_in_SEM

Modelle zur analytischen Bestimmung der Stossziffer bei Metallen

Kleis, Ilmar OST-96 Symposium on Machine Design, [Stockholm], May 13-14, 1996 : proceedings 1996 / p. 8-15: ill

Modelling of fine material movement in a disintegrator

Tamm, Jaan; Tadolder, Jüri OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 135-141: ill

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 https://www.ester.ee/record=b5235278*est <https://doi.org/10.4028/www.scientific.net/KEM.799>

Monograin layers as optoelectronic devices

Mellikov, Enn; Meissner, Dieter; **Varema, Tiit; Hiie, Jaan; Altosaar, Mare** International Conference Advanced Optical Materials and Devices, Riga, 1996 1996 / p. 171

Mõningate materjalide kulumiskindluse uurimine pehme abrasiivi joas

Petuhhov, I.; Kretoviš, M.; Järve, I.; Tadolder, Jüri; Pappel, Toivo XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 80 https://www.ester.ee/record=b2449987*est

Nanomechanical characterisation of materials by atomic force microscopy

Kollo, Lauri Nanopowders, Nanostructured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 27

Neljas raamat Eesti kliimast

Keevallik, Sirje Postimees 2013 / AK' = Arvamus. Kultuur, lk. 3 <https://www.postimees.ee/2574602/neljas-raamat-est-kiimast>

New concepts and materials for sustainable photovoltaics

Krunks, Malle SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 24

New design and material combination for anti-skid studs of tyres

Kübarsepp, Jakob; Teeri, Niilo Proceedings of 2000 Powder Metallurgy World Congress : November 12-16, 2000, Kyoto, Japan. Part 2 2000 / p. 1637-1640 : ill

Nondestructive characterization of materials with variable properties

Ravasoo, Arvi; **Janno, Jaan** Acta mechanica 2001 / 3/4, p. 217-233 <https://link.springer.com/article/10.1007/BF01246919>

Non-linear impedance of a new sound absorptive fibreless material title

Auriemma, Fabio; Tiikoja, Heiki MIC 2015 : 2nd International Conference on Modelling, Identification and Control : August 9-10, 2015, Paris, France 2015 / p. 195-199 : ill <http://dx.doi.org/10.2991/mic-15.2015.44>

Nonlinear waves in microstructured materials

Engelbrecht, Jüri; Salupere, Andrus; Sillat, Tarvo International Workshop on Nonlinear Waves in Solids : June 8-11, 2000, City University of Hong Kong 2000 / p. 6

Novel materials for future PV technologies [Online resource]

Krunks, Malle International Conference "Functional Materials and Nanotechnologies 2017" : Tartu, Estonia in April, 24-27, 2017 : book of abstracts 2017 / p. 36 http://www.ester.ee/record=b4668793*est

A novel multi-criteria method for building massing based on energy performance and solar access : the mixed solar envelope (MSE) method

Sepulveda Luque, Abel; De Luca, Francesco Co-creating the future: inclusion in and through design ; Vol. 1 2022 / p. 649-658 : ill <https://doi.org/10.52842/conf.ecaade.2022.1.649> https://www.researchgate.net/publication/363503843_Conference_Proceedings_at_Scopus [Article at Scopus](#) [Article at WOS](#)

Novel softwood lignin esters as advanced filler to PLA for 3D printing

ACS omega 2024 / p. 44559-44567 <https://doi.org/10.1021/acsomega.4c06680>

Novel wear resistant WC-based thermal sprayed coatings

Zimakov, Sergei 2004 https://www.ester.ee/record=b1988316*est

Numerical and experimental investigation on the collision resistance of the X-core structure

Ehlers, Sören; Tabri, Kristjan; Romanoff, Jani; Varsta, Petri Ships and offshore structures 2012 / p. 21-29 : ill <https://www.tandfonline.com/doi/full/10.1080/17445302.2010.532603>

Observation of E8 articles in an Ising chain antiferromagnet

Zhang, Zao; **Amelin, Kirill**; Wang, Xiao; Zou, Haiyuan; Yang, Jiahao; Nagel, Urmaz; Rõõm, Toomas; Dey, Tusharkanti; Nugroho, Agustinus Agung; Lorenz, Thomas; Wu, Jianda; Wang, Zhe Physical review B 2020 / art. 220411, 6 p. : ill
<https://doi.org/10.1103/PhysRevB.101.220411>

Oma Maitse otsib parimat panni

Oma Maitse 2023 / lk. 32-36 : ill https://www.ester.ee/record=b2069719*est [Oma Maitse...](#)

On modelling wave motion in microstructured solids

Randrüüt, Merle; Salupere, Andrus; Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2009 / 4, p. 241-246 : ill

On perturbative solutions for nonlinear waves in homogeneous materials

Ravasoo, Arvi Proceedings of the Estonian Academy of Sciences 2010 / 2, p. 145-149

On propagation of 1D solitary waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus Book of abstracts : The Sixth IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, Georgia, March 23-26, 2009 2009 / p. 86
<https://www.sciencedirect.com/science/article/pii/S0378475410002260>

On solitonic structures in microstructured materials

Salupere, Andrus; Ilison, Olari Proceedings of 13th Nordic Seminar on Computational Mechanics : NSCM-13 2000 / p. 70-73

On the acoustic impedance of a fibreless sound absorptive element

Auriemma, Fabio; Tiikoja, Heiki SAE international journal of engines 2015 / p. 2268-2275 : ill <http://dx.doi.org/10.4271/2015-24-2462>

On the cyclic softening behaviour of material

Kenk, Kalju Актуальные проблемы механики, прочности и теплопроводности при низких температурах : тезисы докладов VII научно-технической конференции 2001 / с. 12-16 : ил

On the modelling of stress-relaxation behaviour

Kenk, Kalju Актуальные проблемы механики, прочности и теплопроводности при низких температурах : материалы VIII научно-технической конференции 2002 / p. 27-30 : ill

On the propagation of 1D solitary waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus Mathematics and computers in simulation 2012 / p. 1308-1320 : ill
<https://www.sciencedirect.com/science/article/pii/S0378475410002260>

On the propagation of solitary pulses in microstructured materials

Ilison, Olari; Salupere, Andrus Chaos, solitons & fractals 2006 / 1, p. 202-214 : ill
<https://ui.adsabs.harvard.edu/abs/2006CSF....29..202I/abstract>

On the propagation of solitary pulses in microstructured media

Ilison, Olari; Salupere, Andrus The Forth International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, Georgia, April 10-14, 2005 : book of abstracts 2005 / p. 150
<https://www.sciencedirect.com/science/article/abs/pii/S0960077905006491>

Optimal design of dynamically loaded annular plates, considering the hardening of material

Kirs, Jüri Tartu Ülikooli Toimetised 1992 / p. 5-19: fig

Optimal material orientation of linear and non-linear elastic 3D anisotropic materials

Majak, Jüri; Pohlak, Meelis Proceedings of Second International Conference on Multidisciplinary Design Optimization and Applications : Gijon, Spain, 3-5 September 2008 2008 / p. 1-11 : ill

Optimal material orientation of linear and non-linear elastic 3D anisotropic materials

Majak, Jüri; Pohlak, Meelis Meccanica 2010 / 5, p. 671-680 : ill
https://www.researchgate.net/publication/225119702_Optimal_material_orientation_of_linear_and_non-linear_elastic_3D_anisotropic_materials

Organic aerogels based on 5-methylresorcinol = Orgaanilised aerogeelid 5-metüülresortsinoolist

Peikolainen, Anna-Liisa 2011

Orientalional design of non-orthotropic 2-D materials

Majak, Jüri Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 303-306

OSAMAT - utilisation of oil shale ashes in road construction

Ronkainen, Marjo; **Koroljova, Arina; Pototski, Aleksander**; Puhkim, Heinart; Lahtinen, Pentti; Kiviniemi, Olli WASCON 2012 :

towards effective, durable and sustainable production and use of alternative materials in construction : 30 May–1 June, 2012, Gothenburg, Sweden 2012 / 10 p. : ill

Photoconductive materials for electromagnetic microwave technic

Hiie, Jaan; Mellikov, Enn Chair of Semiconductor Materials Technology : activity report, 1988-1993 1994 / p. 23-24

Photocontrolled strain in polycrystalline ferroelectrics via domain engineering strategy

Rubio-Marcos, Fernando; Del Campo, Adolfo; Ordonez-Pimentel, Jonathan; Venet, Michel; **Rojas Hernandez, Rocio Estefania**; Paez-Margarit, David; Ochoa, Diegi A.; Fernandez, Jose Francisco; Garcia, Jose E. ACS applied materials and interfaces ACS applied materials & interfaces 2021 / p. 20858–20864 <https://doi.org/10.1021/acsami.1c03162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photoluminescence study of some solar cell materials

Hjelt, Kari; Collan, Heikki; **Krustok, Jüri; Mädasson, Jaan** XXIX Annual Conference of the Finnish Physical Society : proceedings 1995 / p. 7.33

Photoreflectance study of AgGaTe₂ single crystals

Raadik, Taavi; Krustok, Jüri; Yakushev, M.V. Physica B : condensed matter 2011 / p. 418-420 : ill

Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia

Papstel, Jüri; Katalinic, Branko 2000 https://www.ester.ee/record=b3050171*est

Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia

2002 http://www.ester.ee/record=b3050171*est

Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia

2004 http://www.ester.ee/record=b3050171*est

Proceedings of the 5th International Conference of DAAAM Baltic : Industrial Engineering - Adding Innovation Capacity of Labour Force and Entrepreneur : 20-22 April 2006, Tallinn, Estonia

2006 https://www.ester.ee/record=b3050171*est

Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia

2008 http://www.ester.ee/record=b3050171*est

Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [1]

2008 http://www.ester.ee/record=b3050171*est

Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [1]

2010 http://www.ester.ee/record=b3050171*est

Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [2]

2010 https://www.ester.ee/record=b3050171*est

Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1

2012 https://www.ester.ee/record=b3050171*est

Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2

2012 http://www.ester.ee/record=b3050171*est

Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia

2014 http://www.ester.ee/record=b3050171*est

Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia

2015 http://www.ester.ee/record=b3050171*est

Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia

2016 <http://innomet.ttu.ee/daaam/>

Proceedings of the Estonian Academy of Sciences

Special issue of Modern Materials and Manufacturing 2019

2019 <http://www.kirj.ee/32590/> https://www.ester.ee/record=b2355998*est

Proceedings of the First National DAAAM Conference in Estonia : Science '95

Papstel, Jüri 1996 https://www.ester.ee/record=b1053773*est

Proceedings of the Second National DAAAM Conference in Estonia : Science'96

Papstel, Jüri 1997 https://www.ester.ee/record=b1053790*est

Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98

Papstel, Jüri 1998 https://www.ester.ee/record=b1258888*est

Propagation of sech²-type solitary waves in hierarchical KdV-type systems

Ilison, Lauri; Salupere, Andrus Mathematics and computers in simulation 2009 / 11, p. 3314-3327 : ill

<https://www.sciencedirect.com/science/article/pii/S0378475409001293>

Puidust, puidupõhised ja teistest materjalidest komposiitkonstruktsioonid

Õiger, Karl Puuinfo 2006 / 2, lk. 35-41 : ill

Puitkarkass-piirete materjalivaliku kriteeriume

Kalamees, Targo Ehitaja 2002 / 5, lk. 23-25 : ill https://artiklid.elnet.ee/record=b1009716*est

Puitplastkomposiidid taaskasutatavatest materjalidest

Kers, Jaan Keskkonnatehnika 2011 / 7, lk. 17-20 : ill https://artiklid.elnet.ee/record=b2438891*est

Pulbriliste lubimaterjalide granuleerimine

Klimova, Irina; Trubatsenko, Marina; Kaljuvee, Tiit XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 45

Päikeseelementide uued materjalid ja konstruktsioonid : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööde tsüklile

Mellikov, Enn; Altosaar, Mare; Bereznev, Sergei; Öpik, Andres Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 262-267 : ill

Päikeseenergeetika materjalid

Mellikov, Enn; Altosaar, Mare; Bereznev, Sergei; Kauk, Marit; Krunks, Malle; Krustok, Jüri; Mere, Arvo; Raudoja, Jaan; Varema, Tiit; Öpik, Andres Teaduse uued suunad : materjaliteadus : Eesti Teaduste Akadeemia seminari materjalid : 23.10.2003 2004 / lk. 11-21 : ill

Quo vadis, materjaliuuringud : [valdkondliku arutelu kokkuvõte]

Kallavus, Urve Tallinna Tehnikaülikooli kaheksakümnes aastapäev 2000 / lk. 68-69

Raamatupoest märkmiku ostmine viis Eesti noore teadlase keskkonnasõbraliku materjali avastuseni [Võrguväljaanne]

Pajuste, Liisa-Indra delfi.ee 2021 "[Raamatupoest märkmiku ostmine viis Eesti noore teadlase keskkonnasõbraliku materjali avastuseni](https://doi.org/10.1088/2515-7655/ad8377)"

Radiative recombination model for BiSeI microcrystals : unveiling deep defects through photoluminescence

Dolcet Sadurni, Marc; Krustok, Jüri; Timmo, Kristi; Mikli, Valdek; Kondrotas, Rokas; **Grossberg-Kuusk, Maarja; Kauk-Kuusik, Marit** Journal of Physics : Energy 2024 / art. 045004 <https://doi.org/10.1088/2515-7655/ad8377>

Recovering memory kernels in parabolic transmission problems

Janno, Jaan; Lorenzi, Alfredo Journal of inverse and ill-posed problems 2008 / 2, p. 239-265

<https://www.degruyter.com/document/doi/10.1515/JIP.2008.015/html>

Recycling of construction demolition materials

Liias, Roode 4-sios tarptautines konferencijos "Naujos statybinės medžiagos, konstrukcijos ir technologijos", ivykusios Vilniuje 1995 m. gegužės 10-13 d. : straipsniai = Proceedings of 4th International Conference Modern Building Materials, Structures and Techniques, held on May 10-13, 1995, Vilnius, Lithuania. Vol. 1 1995 / p. 270-275

Relative complex permittivity and its dependence on frequency

Giannoukos, Georgios; Min, Mart; Rang, Toomas World journal of engineering 2017 / p. 532-537 : ill <https://doi.org/10.1108/WJE-01->

Reliability and uncertainty of quantity measurement

Kulderknup, Edi 2000 http://www.ester.ee/record=b1223243*est

Research on materials for solar cells at Tallinn Technical University

Krunk, Malle Materials, abstracts of Sustainable Community Development Baltic Meeting Point, Uppsala, 1998 1998 / p. 4

Research on optoelectronic materials at Tallinn Tehnical University

Mellikov, Enn; Kuk, Peeter-Enn; Krustok, Jüri Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 263 https://www.ester.ee/record=b1052731*est

Resonance phenomenon of wave interaction in inhomogeneous solids

Braunbrück, Andres; Ravasoo, Arvi Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 108-115 : ill

Salt water sprayed paper microwave attenuation in shielding workplaces

Koppel, Tarmo; Shishkin, Andrei; Haldre, Heldur Riga Technical University 57th International Scientific Conference : "Scientific Conference on Economics and Entrepreneurship" (SCEE'2016) : proceedings 2016 / p. 172-173 : ill

Selective laser melting of a novel 13Ni400 maraging steel : material characterization and process optimization

Patil, Viraj Vishwas; Mohanty, Chinmaya P.; Prashanth, Konda Gokuldoss Journal of materials research and technology 2023 / p. 3979-3995 <https://doi.org/10.1016/j.jmrt.2023.10.193> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

A simple algorithm for formability analysis

Majak, Jüri; Pohlak, Meelis; Küttner, Rein Journal of achievements in materials and manufacturing engineering 2007 / 1, p. 57-60 : ill https://www.researchgate.net/publication/40784145_A_simple_algorithm_for_formability_analysis

Small scale mechanical properties of chromium carbide-based materials

Hussainova, Irina; Jasiuk, Iwona Book of abstracts : Society of Engineering Science 45th Annual Technical Meeting : October 12-15, 2008, Urbana-Champaign, IL, USA 2008 / p. 377

Solid particle erosion : occurrence, prediction and control

Kleis, Ilmar; Kulu, Priit 2008 http://www.ester.ee/record=b2368841*est

Solid particle erosion : occurrence, prognostification and control

Kleis, Ilmar; Kulu, Priit 2005 https://www.ester.ee/record=b2080005*est

Solid particle erosion of thermal sprayed coatings

Kulu, Priit; Hussainova, Irina; Veinthal, Renno Wear 2005 / 1/4, p. 488-496 : ill

Solitary waves in nonlinear microstructured materials

Janno, Jaan; Engelbrecht, Jüri Journal of physics A : mathematical and general 2005 / p. 5159-5172 : ill

Soovid oma kodu energiatõhusust suurendada? Üheks variandiks on kodu renoveerimine [Võrguväljaanne]

Ilomets, Simo arileht.delfi.ee 2022 [Soovid oma kodu energiatõhusust suurendada? Üheks variandiks on kodu renoveerimine](#)

Sortimenditabelid

Üksti, Lembit Masinaehitaja käsiraamat. 1. kd 1968 / lk. 668-688 https://www.ester.ee/record=b1298495*est

Spectroscopic properties, conduction processes and the Summerfield scaling of barium titanate ceramics based on Bi and Fe

Gouadria, Hamida; Mnasri, Taoufik; Jamale, Atul P.; López Sánchez, Jesús; **Necib, Jallouli;** Marín, Pilar; Carmona, Noemi; Smari, Mourad Inorganic chemistry communications 2023 / art. 111417 <https://doi.org/10.1016/j.inoche.2023.111417> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Statistical strength of brittle materials : test methods and weibull modulus

Preis, Irina Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 205-208 : ill

Study of a new highly absorptive acoustic element

Auriemma, Fabio Acoustics Australia 2017 / p. 411-419 : ill <https://doi.org/10.1007/s40857-017-0087-6> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Sulaalumiiniumi katsestend

Rämonen, R.; Thalfeldt, J.; Loigom, Villem XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 103-104 https://www.ester.ee/record=b1322611*est

Sustainable design of material handling equipment : a win-win approach for manufacturers and customers

Ševtšenko, Eduard; Bashkite, V.; Maleki, Meysam; Wang, Yan *Mechanika* 2012 / p. 561-568 : ill
<https://mechanika.ktu.lt/index.php/Mech/article/view/2703>

Süvauurimus plasmatehnikast : [materjalitehnika instituudi teaduri Enno Kriegeri magistriväitekirjast]

Kruusing, Arvi *Tehnikaülikool* 1999 / lk. 5: portr

A symbolic-numerical algorithm for material parameter identification

Majak, Jüri; Pohlak, Meelis; Küttner, Rein; Eerme, Martin; Karjust, Kristo; Kers, Jaan *Proceedings of the Tenth International Conference on Computational Structures Technology* : Valencia, Spain, 14-17 September 2010 2010 / Paper 133

Symbolic-numerical algorithm for material parameters identification

Majak, Jüri; Küttner, Rein; Pohlak, Meelis *First International Conference on Multidisciplinary Design Optimization and Applications* : 17-20 April 2007, Besancon, France : book of abstracts 2007 / p. 68 https://www.researchgate.net/publication/269140167_A_Symbolic-Numerical_Algorithm_for_Material_Parameter_Identification

Synergistic mechanisms and toxicity profiles of silver and copper nanoparticles for the development of novel antimicrobial materials = Vase ja hõbeda nanoosakeste sünergilise koosmõju mehhanismid ja rakendamine uute antimikroobsete materjalide arendamiseks

Vasiliev, Grigory 2023 <https://doi.org/10.23658/taltech.28/2023> <https://digikogu.taltech.ee/et/Item/50c08f30-1077-456a-8e2b-c9f43447d616>
https://www.ester.ee/record=b5568720*est

Synthesis and characterization of pyrite FeS₂ solar cell absorber crystals and modifying their surface

Kristmann, Katriin; Raadiik, Taavi; Altosaar, Mare; Mikli, Valdek; Danilson, Mati *Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference* : abstracts 2022 / 29 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](https://www.gsfmt.ee/record=b4481084*est)

Synthesis and superconducting properties of Nd_{0.33}Eu_{0.08}Gd_{0.58}Ba₂Cu₃O_z materials

Stoyanova-Ivanova, Angelina; Terzieva, Stanimira; Shivachev, Boris; **Mikli, Valdek;** Vladimirova, Latinka *Central European journal of physics* 2008 / 1, p. 76-79 : ill <https://www.degruyter.com/document/doi/10.2478/s11534-007-0044-3/html>

Tailoring the composition and properties of CuInSe₂ materials for solar cell application

Kauk, Marit; Altosaar, Mare; Raudoja, Jaan; Timmo, Kristi; Grossberg, Maarja; Varema, Tiit; Ernits, Kaia *Proceedings of SPIE* 2005 / *Optical materials and applications*, p. 224

Tark masin venitab terast nagu kummipaela : [AS Eesti Ehitus rahalisel toetusel osteti TTÜle katsemasin materjalide tõmbe- ja survetugevuse määramiseks]

Kalberg, Signe *Eesti Päevaleht* 2008 / 4. sept., lk. 18 <https://arileht.delfi.ee/artikkel/51141047/tark-masin-venitab-terast-nagu-kummipaela>

Teaching unit of mater[i]als corrosion and its prevention in buildings

Pöldme, Juta *23rd Estonian Chemistry Days* : abstracts of scientific conference 1997 / p. 124

Teadlane dilemma ees - kas teha teadust või siseneda ärimaailma

Grossberg-Kuusk, Maarja *TööstusEST* 2024 / lk. 10-13 : portr., skeem https://www.ester.ee/record=b4481084*est

Teadus TTÜ seinte vahel : [euromüüdi materjalide elektriliste omaduste täpse mõõtmise arendamise projektist]

Nassar, Bia *Studioosus* 2008 / märts, lk. 9

Tee teoreetilisest polarisatsioonoptikast klaasitööstuseni. Fotoelastsus. Pinged läbipaistvates materjalides.

Polariskoobid

Aben, Hillar; Anton, Johan *Keeruka maailma võlu* 2015 / lk. 83-87 : ill https://www.ester.ee/record=b4488344*est

Tehnikateaduste valdkonna aastapremia teadustöö "Nanokiudude võrgustik baasina multifunktsionaalsete

hübriidmaterjalide tööstuslikes rakendustes" eest : Irina Hussainova. Nanokiudude võrgustik baasina

mitmfunktsiooniliste hübriidmaterjalide läbimurdeks

Hussainova, Irina *Eesti Vabariigi preemiad* 2019 : teadus. F. J. Wiedemanni keeleauhind. *Kultuur. Sport* 2019 / lk. 108-117 : ill., portr https://www.ester.ee/record=b1226072*est

Tehnoloogia ja materjali osa metalli kokkuhoius

Kulu, Priit *Tehnika ja Tootmine* 1987 / lk. 10-12 https://www.ester.ee/record=b1073047*est

Tensor series expansion of a spherical function for the use in constitutive theory of materials containing orientable

particles

Herrmann, Heiko; Beddig, Miriam Proceedings of the Estonian Academy of Sciences 2018 / p. 73-92 : ill

<https://doi.org/10.3176/proc.2018.1.04> http://www.ester.ee/record=b2355998*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Terahertz absorption spectroscopy study of spin waves in orthoferrite YFeO₃ in a magnetic field

Amelin, Kirill; Nagel, Urmas; Fishman, R.S.; Yoshida, Y.; Sim, Hasung; Park, Kisoo; Park, Je-Geun; Rööm, Toomas Physical review B 2018 / art. 174417, 6 p. : ill <https://doi.org/10.1103/PhysRevB.98.174417>

The effect of spark plasma sintering thermal cycle on behaviour of Fe-based hardfacings reinforced with WC and WC-based hardmetal

Katinas, Egidijus; **Antonov, Maksim**; Jankauskas, Vytenis; **Tarraste, Marek** 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. [3]-8 : ill https://www.ester.ee/record=b5235278*est <https://www.scientific.net/KEM.799.3> <https://doi.org/10.4028/www.scientific.net/KEM.799.3> [Conference proceeding at Scopus](#) [Article at Scopus](#)

The influence of development of new technology and materials on resource of gas turbine engines

Kommel, Lembit Baltica V : Condition and Life Management for Power Plants : Porvoo, Finland, June 6-8, 2001. Vol. 1 2001 / p. 173-184 : ill

The interplay of long range interactions and electron density distributions in polar and strongly correlated materials

Kristoffel, Nikolai; Pishchev, Aleksandr; Rubin, Pavel; **Klopov, Mihhail** Journal of superconductivity and novel magnetism 2017 / p. 91-96 : ill <https://doi.org/10.1007/s10948-016-3765-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The journal of organic chemistry

2023 <https://pubs.acs.org/toc/jocea/88/17>

The method for determining the dynamic hardness of materials

Kleis, Ilmar; Remi, Toomas OST-01 Symposium on Machine Design : Tallinn, Estonia, October 4-5, 2001 : proceedings 2001 / p. 329-331 : ill

The method for determining the dynamic hardness of materials

Kleis, Ilmar; Remi, Toomas International Symposium on Machine Design OST 2001 : [Tallinn, Estonia, October 4-5, 2001] : abstracts 2001 / [1] p

The role of MgO in the binding of SO₂ by lime-containing materials

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik; Bender, Villem Journal of thermal analysis and calorimetry 2005 / p. 591-597

Thermodynamic modelling of electronic materials

Mellikov, Enn; Öpik, Andres Proceedings of the Estonian Academy of Sciences. Chemistry 1999 / 1, p. 13-22: ill

A thermogravimetric method for comparing the SO₂-binding abilities of different lime-containing materials

Kuusik, Rein, keemik; Triikkel, Andres Journal of thermal analysis 1995 / p. 111-121: ill

Tone bursts in exponentially graded materials characterized by parametric plots

Ravasoo, Arvi Proceedings of the Estonian Academy of Sciences 2013 / p. 258-266

Treatment of different materials by disintegrator systems

Tümanok, Aleksei; Kulu, Priit Proceedings of the Estonian Academy of Sciences. Engineering 1999 / 3, p. 222-242: ill

TTÜ teadlaste loodud uudse materjali vastu purunevad ka soomustlâbistavad kuulid : [TTÜ materjalitehnika instituudi teadlaste töödest]

Jaagant, Urmas Eesti Päevaleht 2014 / lk. 5 <https://epl.delfi.ee/artikkel/67597700/ttu-teadlaste-loodud-uudse-materjali-vastu-purunevad-ka-soomustlabistavad-kuulid>

TTÜ uurib nullenergiamaajas säästuvõimalusi

Tosso, Enn Postimees 2013 / lk. 9 <https://www.postimees.ee/1257798/ttu-uurib-nullenergiamaajas-saastuvoimalusi>

TTÜs arendatakse uut kuulikindlat materjali

Eesti Elu : [Kanada ajaleht] 2014 / lk. 2

Tuntud ja tundmatu tehnoloogiline materjal - betoniit

Timofejev, Anton Inseneeria 2011 / lk. 42-43 : ill https://www.ester.ee/record=b1519314*est

Turbulent mixing of passive scalars : evolution of discontinuity fronts and material lines

Kalda, Jaan International Conference on Complexity of Nonlinear Waves : October 5-7, 2009 : book of abstracts 2009 / p. 20

Ultraheli reedab materjalide nähtamatud vigastused

Ratassepp, Madis; Lints, Martin Horisont 2022 / lk. 48-52 : fot https://www.ester.ee/record=b1072243*est

Uncertainty estimation of damage factor of materials properties under the plasma influence

Arjassov, Gennadi; Baraškova, Tatjana; Pelõhh, Veronika Journal of international scientific publications : materials, methods & technologies 2010 / 2, p. 307-313 : ill https://inis.iaea.org/search/search.aspx?orig_q=RN:45107916

Using functional requirements to determine optimal additive manufacturing technology

Sonk, Kaimo; Hermaste, Aigar; Sarkans, Martinš; Paavel, Marko Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 79-84 : ill <http://innomet.ttu.ee/daaam/>

Uued filtratsiooni mõõtmise meetodid

Pajus, Hardo Teeleht 2020 / lk. 30-32 : fot https://www.mnt.ee/sites/default/files/road_paper_pdf/teeleht_nr_102_veeb.pdf
<https://digikogu.taltech.ee/et/Download/d9981b66-a0e8-457e-901b-b799eca2fca4>

Uus katseseade aitab testida materjalide lagunemist kõrgetel temperatuuridel [Võrguväljaanne]

toostusuudised.ee 2021 "[Uus katseseade aitab testida materjalide lagunemist kõrgetel temperatuuridel](#)"

Uus struktuuriüksus - anorgaaniliste materjalide teaduslaboratoorium

Kuusik, Rein, keemik Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 155-159

Vaigukelme toimest materjali väljakuivamisele

Otsman, Raimond Tehnika ja Tootmine 1978 / lk. 19-21 https://www.ester.ee/record=b1073047*est

Water quenching and formation of thermal fatigue cracks on tube surface

Ots, Arvo Psysicochemical mechanics of materials 1999 / 4, p. 84-93

Wave interaction in weakly inhomogeneous materials

Braunbrück, Andres 2005 http://www.ester.ee/record=b2045300*est

Wave propagation in dissipative microstructured materials

Sillat, Tarvo; Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 103-114 : ill

Wave propagation in functionally graded materials

Berezovski, Arkadi; Engelbrecht, Jüri; Maugin, Gerard 21st International Congress of Theoretical and Applied Mechanics : August 15-21, 2004, Warsaw, Poland : ICTAM04 : abstracts and CD-ROM proceedings 2004 / p. 266

Waves in materials with microstructure : numerical simulation

Berezovski, Mihhail; Berezovski, Arkadi; Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2010 / p. 99-107 : ill <https://doi.org/10.3176/proc.2010.2.07>

Waves in microstructured solids and negative group velocity

Peets, Tanel; Kartofelev, Dmitri; Tamm, Kert; Engelbrecht, Jüri EPL: a letters journal exploring the frontiers of physics 2013 / p. 16001-p1-p6 : ill <https://doi.org/10.1209/0295-5075/103/16001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Waves in microstructured solids with nonlinearities in microscale

Engelbrecht, Jüri; Pastrone, Franco Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 12-20

Wear resistant thermal sprayed coatings on the base of recycled hardmetal powder

Zimakov, Sergei; Mikli, Valdek; Kulu, Priit; Tarbe, Riho Engineering Materials & Tribology 2004 : materials of the XIII-th International Baltic Conference : September 23-24, Riga, Latvia 2004 / p. 83-88 : ill

Verbesserung der Materialökonomie durch Kaltfließpressen und Kalteinsenken

Arumäe, Heino; Hõbemägi, Aleksei; Mänd, H. Fertigungstechnik und Betrieb : Fachzeitschrift für Vorbereitung und Durchführung der Produktion in der metallverarbeitenden Industrie der DDR 1983 / s. 420-422 : ill https://www.ester.ee/record=b1511090*est

Vibronic theory of heteroligand systems applied to structural phase transitions in some H-bonded materials

Levin, Aleksander; Dolin, Sergei Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1995 / 2/3, p. 144-152

Vickers hardness of ceramics fired at different temperatures

Šin, P.; Veinthal, Renno; Sergejev, Fjodor; Antonov, Maksim; Stubna, I. Young Researchers 2011, PhD Students, Young Scientists and Pedagogues Conference proceedings : Nitra, Slovakia, 21-22 September 2011 / p. 565-570
https://www.researchgate.net/publication/265794312_Vickers_hardness_of_ceramics_fired_at_different_temperatures

50 000 eurot võitis UTRINIA meeskond : [toetuse abil luuakse nanotehnoloogial põhinev meetod haiguste ja dopingujuhtude kiiremaks ja odavamaks tuvastamiseks]

Lindmaa, Rasmus *Mente et Manu* 2014 / lk. 15 : fot https://artiklid.elnet.ee/record=b2686651*est

Võidusammas polegi klaasist : [Andres Õpiku kommentaariga]

Õpik, Andres *Eesti Elu* : [Kanada ajaleht] 2010 / 2. juuli, lk. 2

Väitekirjade kaitsmised : [TTÜ keemia- ja materjalitehnoloogia teaduskonnas Sergei Bereznev, Janek Reinik]

Mente et Manu 2003 / lk. 8 https://www.ester.ee/record=b1242496*est

Антифрикционные свойства металлокерамических материалов на основе железа, спеченных в различных защитных средах

Vallikivi, Ahto; Pugina, L.; Mosberg, Rudolf Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1972 / с. 59-62 : ил https://www.ester.ee/record=b1645489*est

Вариант уравнений кинетики измельчения твёрдых материалов в УДА-установке

Loopere, V.; Tümanok, Aleksei; Taganov, I.N. УДА-технология : тезисы докладов III семинара, 4-6 сентября 1984 г. 1984 / с. 32-33 https://www.ester.ee/record=b1569821*est

Взаимодействие мелющих элементов круглого поперечного сечения и обрабатываемого материала

Tümanok, Aleksei УДА : универсальная дезинтеграторная активация : сборник научных статей 1980 / с. 25-37 : илл https://www.ester.ee/record=b1300988*est

Влияние защитной среды при спекании на свойства металлокерамических материалов на основе железа

Vallikivi, Ahto; Pugina, L.; Mosberg, Rudolf Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1972 / с. 76-81 : ил https://www.ester.ee/record=b1645489*est

Вопросы анализа использования материалов на текстильной фабрике "Пунане Коит"

Meikup, U.; Sarapik, Juta Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 102-103
https://www.ester.ee/record=b1319482*est

Выбор материала для устройства разметки из условий безопасности движения

Гончаренко В.И.; Бабенышев Л.В. Научная конференция "Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 94

Выгорание углерода из пористых высокозольных материалов при низких температурах

Ots, Arvo; Jegorov, Dimitri *Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika* = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1972 / с. 277-281 https://www.ester.ee/record=b1264310*est <https://www.etera.ee/zoom/19201/view?page=1&p=separate&tool=info>

Гипотезы накопления усталостных повреждений и оценки долговечности материалов

Klevtsov, Ivan Проблемы работы котельных установок тепловых электростанций 1989 / с. 47-56

Зависимости изнашивания металлополимерных материалов от нагрузки и параметров вибраций в паре трения

Velling, Ants; Nanits, Mats-Maidu Всесоюзная научно-техническая конференция "Повышение ресурса узлов трения, работающих в экстремальных условиях" (г. Пермь, 28-30 мая 1986 г.) : Тезисы докладов 1986 / с. [?]

Закономерности абразивного износа некоторых материалов мазутных форсунок

Valdma, Leo; Pirso, Jüri Износ, усталость и коррозия металлов : сборник статей. 5 1972 / с. 31-43 : илл https://www.ester.ee/record=b2190525*est <https://digikogu.taltech.ee/et/Item/bf437fe1-81f3-4dff-97b2-b8d240135d43>

Измельчаемый материал на плоской рабочей поверхности мелющего элемента дезинтегратора

Tümanok, Aleksei; Tamm, Jaan УДА - технология : тезисы докладов II семинара, 6-8 сентября 1983 г. 1983 / с. 33-36
https://www.ester.ee/record=b3544693*est

Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик

1991 https://www.ester.ee/record=b1235787*est

Изучение иммобилизации протеаз на кремнеземных материалах

Jegorov, H.R.; Kivisilla, Külliki; Kipper, Heino; Erin, Anne; Köstner, Ado Получение и применение иммобилизованных ферментов 1977 / с. 29-34 https://www.ester.ee/record=b1309558*est <https://digikogu.taltech.ee/et/Item/67557c4a-b3ad-4f67-9fe9->

Изучение факторов, влияющих на величину влажностной усадки известково-песчаного материала автоклавного твердения

Juurvee, Uno; Reiman, Värđi Строительные материалы: материалы докладов конференции по внедрению результатов научных исследований, проводимых в вузах Литовской ССР (12—17 февраля 1973 г.) 1973 / с. 67-68

Иммобилизация пепсина на кремнеземных материалах

Lukoševiciene, N.; Sadauskas, P.; Ciurlis, T.; Kreen, Malle; Köstner, Ado Получение и применение иммобилизованных ферментов 1977 / с. 57-66 : илл https://www.ester.ee/record=b1309558*est <https://digikogu.taltech.ee/et/Item/67557c4a-b3ad-4f67-9fe9-4590245ecb73>

Использование метода спекания под высоким давлением для получения новых материалов из Cr₃C₂

Пугач Э.А.; Кораблев С.Ф.; Лысенко А.В.; Филипенко С.И. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 20-21

Испытание индукционного насоса ЭМН-7 на жидком магнии

Risthein, Endel; Tammemägi, Herbert; Tiismus, Hugo; Jänes, Hans Исследование и проектирование электромагнитных средств перемещения жидких металлов : сборник трудов. 2 1964 / с. 111-122 : илл https://www.ester.ee/record=b2100528*est <https://digikogu.taltech.ee/et/Item/882f07f6-3851-473d-b12b-e7af7990706d>

Испытание тонкостенного канала индукционного насоса для перекачки жидкого алюминия

Saar, M.; Teearu, Viktor; Papp, M.; Sutt, H. Исследование и проектирование электромагнитных средств перемещения жидких металлов : сборник трудов. 2 1964 / с. 123-130 : илл https://www.ester.ee/record=b2100528*est <https://digikogu.taltech.ee/et/Item/882f07f6-3851-473d-b12b-e7af7990706d>

Исследование антифрикционных свойств металлокерамических материалов на основе железа

Vallikivi, Ahto; Siimar, Rein Износ, усталость и коррозия металлов : сборник статей. 5 1972 / с. 61-70 : илл https://www.ester.ee/record=b2190525*est <https://digikogu.taltech.ee/et/Item/bf437fe1-81f3-4dff-97b2-b8d240135d43>

Исследование влияния технологических факторов и состава на свойства спеченных карбидохромовых твердых сплавов : Автореферат диссертации на соискание ученой степени кандидата технических наук

Pirso, Jüri 1976

Исследование возможности использования металлокерамических материалов для изготовления направляющих втулок пресс-форм и штампов

Mosberg, Rudolf; Särgava, Paul Износ, усталость и коррозия металлов : сборник статей. 5 1972 / с. 11-16 : илл https://www.ester.ee/record=b2190525*est <https://digikogu.taltech.ee/et/Item/bf437fe1-81f3-4dff-97b2-b8d240135d43>

Исследование возможности повышения механической прочности спеченных материалов ковкой

Arensburger, Daniil; Kulu, Priit; Püss, J.; Siim, P.; Jakovlev, B. Тезисы докладов I республиканской конференции по порошковой металлургии : эрозияустойчивые спеченные материалы и их применение 1975 / с.35-36 https://www.ester.ee/record=b1314322*est

Исследование износостойкости материалов в условиях эрозии скользящей струей абразива : автореферат ... кандидата технических наук (05.02.04)

Stupnitski, Anatoli 1977 http://www.ester.ee/record=b1563942*est

Исследование материалов на коррозионно-эрозионный износ в условиях работы турбоизмельчителей

Kleis, Ilmar; Sokolov, A.F.; Kuzjukov, A.N. Трение и износ в машинах 1978 / с. 33-41 : илл https://www.ester.ee/record=b2190999*est <https://www.etera.ee/zoom/121378/view?page=1&p=separate&search=%D0%A2%D1%80%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%B8%20%D0%B8%D0%B7%D0%BD%D0%BE%D1%81%20%D0%B2%20%D0%BC%D0%B0%D1%88%D0%B8%D0%BD%D0%B0%D1%85&tool=search&view=0.0.1964.3047>

Исследование механических свойств чешуйчатого материала

Laansoo, Andres; Ritso, Aadu Тезисы докладов I республиканской конференции по порошковой металлургии : эрозияустойчивые спеченные материалы и их применение 1975 / с. 44-46 https://www.ester.ee/record=b1314322*est

Исследование нестационарной ползучести материала при криогенных температурах

Arjassov, Gennadi Тезисы международной конференции "Актуальные проблемы прочности материалов и конструкций при низких и криогенных температурах и при действии физических полей" 1995 / 1 л

Исследование рассеивания результатов испытаний, полученных на машине ЦУК-3М

Nahkurev, R.; Kleis, Ilmar; Tadolder, Jüri XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 208 https://www.ester.ee/record=b1306141*est

Исследование свойств клеев прокладочных материалов. 2, Высокомолекулярные клеи и их свойства

Rannala, Ruta; Mürsepp, Raja Tallinna Tehnikaülikooli Toimetised 1990 / lk. 85-89

Исследование свойств металлокерамических подшипниковых материалов

Mosberg, Rudolf XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 119 https://www.ester.ee/record=b1359832*est

Исследование технологических показателей микросеток и тканей, применяемых на микрофильтрах

Karu, Jaan; Paal, Leopold Прогнозирование и регулирование качества воды водоемов и исследование методов очистки природных и сточных вод 1977 / с. 3-9 : илл https://www.ester.ee/record=b1309563*est <https://digikogu.taltech.ee/et/Item/b7ac8308-bd5f-45bf-8000-222db26ff1a1>

Исследование упрочняемости материала по методу поверхностей откликов

Papstel, Jüri Депонированные научные работы. Естественные и точные науки, техника : ежемесячный библиографический указатель 1984 / с. 164

К методике разделения эффектов размытия дебаевских линий методом гармонического анализа

Pakkas, Roul Труды по физике : сборник статей. 4 1963 / с. 11-21 : илл https://www.ester.ee/record=b2181835*est <https://digikogu.taltech.ee/et/Item/e8338932-2fb7-4e7e-8bb5-e29fc690f490>

Корпускулярная модель материала в сопротивлении материалов

Ollik, Konstantin XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 44 https://www.ester.ee/record=b1359832*est

Корпускулярная модель материала в сопротивлении материалов

Ollik, Konstantin Сборник статей по сопротивлению материалов, строительной механике и строительной физике 1965 / с. 3-40 : илл https://www.ester.ee/record=b1375552*est <https://digikogu.taltech.ee/et/Item/5d40fe53-3ad9-4135-851d-af68d3ed8c1c>

Люминесцентные методы анализа оптоэлектронных материалов

Kukk, Peeter-Enn; Krustok, Jüri; Mädasson, Jaan; Lõo, Anu Труды Координационного совещания социалистических стран по физическим проблемам оптоэлектроники ("Оптоэлектроника-89"), 16-20 октября 1989 г. 1989 / с. 43

Мода, материалы, машины

Lageda, Peeter Советская Эстония 1969 / с. [?] https://www.ester.ee/record=b1447330*est

Некоторые данные о гидроабразивном износе спеченных материалов типа карбид титана - сталь

Kübarsepp, Jakob; Valdma, Leo Трение и износ в машинах 1978 / с. 57-66 : илл https://www.ester.ee/record=b2190999*est <https://www.etera.ee/zoom/121378/view?page=1&p=separate&search=%D0%A2%D1%80%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%B8%D0%B7%D0%BD%D0%BE%D1%81%20%D0%B2%20%D0%BC%D0%B0%D1%88%D0%B8%D0%BD%D0%B0%D1%85&tool=search&view=0,0,1964,3047>

Некоторые проблемы создания стандартных методов испытания на абразивное изнашивание в свете энергетической концепции : автореферат ... кандидата технических наук (05.02.04)

Pappel, Toivo 1975 http://www.ester.ee/record=b1318201*est

Некоторые проблемы создания стандартных методов испытания на абразивное изнашивание в свете энергетической концепции : диссертация ... кандидата технических наук : 05.02.04 - трение и износ в машинах

Pappel, Toivo 1975 http://www.ester.ee/record=b2332186*est

Некоторые сведения по рентгенографическому изучению эффекта Баушингера

Schults, Kaljo Tallinna Polütehnilise Instituudi toimetised = Труды Таллинского политехнического института. Серия А ; 172/173 1960 / 38 с. : илл https://www.ester.ee/record=b1415738*est <https://digikogu.taltech.ee/et/Item/f90a96ea-b9d8-43e1-a06f-574f0be42ea0>

О влиянии гранулометрического состава песка на количество новообразований и прочность известково-песчаного материала

Juurvee, Uno; Reiman, Värdis Сборник трудов (НИПИ силикатобетон) 1973 / с. 18-26 : илл https://www.ester.ee/record=b1764431*est

О влиянии среды спекания на антифрикционные свойства металлокерамических материалов на основе железа

Vallikivi, Ahto; Siimar, Rein; Mosberg, Rudolf Расширенные тезисы докладов VI республиканского семинара по порошковой металлургии 1970 / с. 65-68 : табл https://www.ester.ee/record=b1372156*est

О влиянии среды спекания на состав и некоторые свойства металлокерамических материалов на основе железа

Vallikivi, Ahto; Mosberg, Rudolf Расширенные тезисы докладов VI республиканского семинара по порошковой металлургии 1970 / с. 61-64 : табл https://www.ester.ee/record=b1372156*est

О влиянии среды спекания на состав и свойства металлокерамических материалов на основе железа

Vallikivi, Ahto; Mosberg, Rudolf Тезисы докладов республиканского семинара по порошковой металлургии 1969 / с. 32-35 :

табл https://www.ester.ee/record=b1339858*est

О возможности моделирования изнашивания материалов мазутных форсунок

Valdma, Leo; Pirsu, Jüri Износ, усталость и коррозия металлов : сборник статей. 5 1972 / с. 17-30 : илл
https://www.ester.ee/record=b2190525*est <https://digikogu.taltech.ee/et/Item/bf437fe1-81f3-4dff-97b2-b8d240135d43>

О выборе и оценке материалов для ударных измельчителей

Uuemõis, Haljand; Piel, M. Трение и износ в машинах 1980 / с. 31-36 : илл https://www.ester.ee/record=b2191013*est
<https://digikogu.taltech.ee/et/Item/ce30370b-afd1-4c7d-a563-4e4f7a1b178e>

О вынужденных колебаниях камертона при возбуждении одной ветви

Kenk, Kalju; Mäeots, R. Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 46-47
https://www.ester.ee/record=b1319482*est

О магнитных свойствах материалов, применяемых в ЯМР-спектроскопии

Lippmaa, Endel Сборник статей по химии и химической технологии. 8 1962 / с. 79-82 https://www.ester.ee/record=b2181584*est
<https://digikogu.taltech.ee/et/Item/6ec4da4c-96e0-445e-b789-9dde4bb0db38>

О методике исследования изнашивания материалов гидроабразивной струей

Valdma, Leo; Nanits, Mats-Maidu; Särgava, Paul; Kallas, Paul Износ, усталость и коррозия металлов : сборник статей. 7 1975 / с. 33-38 : илл https://www.ester.ee/record=b2190702*est <https://digikogu.taltech.ee/et/Item/7b7b4d74-55e0-43cf-b22c-bd484ceb163f>

О механизации и автоматизации пропитки стеклонеполнителя в форме

Talvik, Rein Применение эпоксидных компаундов в электротехнических изделиях : обзор научно-исследовательских работ и производственного опыта 1969 / с. 91-103 : илл https://www.ester.ee/record=b1338807*est

О научном направлении ТПИ "Материалы и изделия, получаемые методом порошковой металлургии"

Valdma, Leo Развитие научных исследований в области технических наук в Эстонской ССР : тезисы республиканской конференции, Таллин, 15-16 октября 1986 г. 1986 / с. 64-67 https://www.ester.ee/record=b1231513*est

О некоторых закономерностях изнашивания материалов бил молотковых мельниц

Arumäe, Heino; Õispuu, Leo Трение и износ в машинах 1978 / с. 43-49 : илл https://www.ester.ee/record=b2190999*est
<https://www.etera.ee/zoom/121378/view?>
[page=1&p=separate&search=%D0%A2%D1%80%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%B8%20%D0%B8%D0%B7%D0%BD%D0%BE%D1%81%20%D0%B2%20%D0%BC%D0%B0%D1%88%D0%B8%D0%BD%D0%B0%D1%85&tool=search&view=0.0.1964.3047](https://www.etera.ee/zoom/121378/view?page=1&p=separate&search=%D0%A2%D1%80%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%B8%20%D0%B8%D0%B7%D0%BD%D0%BE%D1%81%20%D0%B2%20%D0%BC%D0%B0%D1%88%D0%B8%D0%BD%D0%B0%D1%85&tool=search&view=0.0.1964.3047)

О ползучести и пластичности предварительно наклепанного материала

Kenk, Kalju Математика и теоретическая механика : сборник статей. 8 1975 / с. 47-55 : илл
https://www.ester.ee/record=b2190679*est <https://digikogu.taltech.ee/et/Item/b3290b73-29b8-411f-8db3-1bda78623e40>

О проблемах измерения комплексной вязкости жидкотекучих материалов

Einer, Lauri; Gordon, Boris; Rimmel, Ülo Реология бетонных смесей и ее технологические задачи : тезисы докладов II Всесоюзного симпозиума, Рига, 5-7 сент. 1976 г. 1976 / с. 52-53 https://www.ester.ee/record=b2727917*est

О роли пластичности при изнашивании в струе абразивных частиц

Kallas, Paul Трение и износ 1994 / 6, с. 1061-1068

О сложном нагружении трансляционно упрочняющегося материала

Kenk, Kalju Вопросы прочности и оптимизации конструкций 1982 / с. 80-84 https://www.ester.ee/record=b1252449*est

О эрозионной стойкости некоторых легированных материалов

Kleis, Ilmar; Pappel, Toivo Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 23-28 : илл
https://www.ester.ee/record=b2190621*est <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

Об алгоритме дистанционного определения толщины и материала оболочки

Metsaveer, Jaan Тезисы докладов республиканской научной конференции "Тонкостенные и пространственные конструкции" : с 14 по 16 ноября 1978 года 1978 / с. 32-33 https://www.ester.ee/record=b1314933*est

Об испытаниях материалов для миниатюрных подшипников скольжения

Ajaots, Maido Методы испытания и оценки служебных свойств материалов для подшипников скольжения : отдельный оттиск 1972 / с. 148-151 : ил

Об одной модели неупругой среды

Bander, I.; Kenk, Kalju Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 45-46
https://www.ester.ee/record=b1319482*est

Об условиях гомогенности при расчете эффективной температуро проводности гетерогенного слоистого материала

Vares, Villu; Käär, Harri; Mikk, Ilmar; Jankevits, Irina VII Всесоюзная конференция по теплофизическим свойствам веществ, 17-19 нояб. 1982 г., г. Ташкент : тезисы стендовых докладов 1982 / с. 196-198 https://www.ester.ee/record=b4433715*est

Об устойчивости некоторых материалов в жидком алюминии

Keerus, H.; Saar, M.; Tiismus, Hugo Исследование и проектирование индукционных насосов для транспорта жидких металлов : сборник трудов. 1 1962 / с. 155-165 : илл https://www.ester.ee/record=b2100656*est
<https://digikogu.taltech.ee/et/Item/b0ebc529-0556-472c-9f71-a6a62666fb1e>

Об учете упрочнения при оптимальном проектировании

Kirs, Jüri; Kenk, Kalju Вопросы прочности и оптимизации конструкций 1982 / с. 72-79 https://www.ester.ee/record=b1252449*est

Определение свойств шеста из фибергласа, его изготовление и экспериментирование

Toomsalu, Ruudi; Müürisepp, Gunnar Eesti NSV VII vabariiklik teaduslik-metoodiline konverentsi kehaalal : [konverentsi materjalid] 1964 / с. 156-157 <https://www.digar.ee/arhiiv/nlib-digar:373740>

Оптимальное проектирование рамы с учетом стоимости материала

Bogdanov, Sergei; Jõgi, Emma; Võrk, P. Теоретические и экспериментальные методы анализа систем строительной техники 1978 / с. 57-65 : илл https://www.ester.ee/record=b1272893*est <https://digikogu.taltech.ee/et/Item/ad53d10f-2b88-454e-b2c6-5cb621a739cf>

Оптимальное управление созданием остаточного напряженнодеформированного состояния в термоупругопластических телах : автореферат ... кандидата физико-математических наук (01.02.04)

Medõnski, Jaroslav 1986 http://www.ester.ee/record=b1552503*est

Оптимальное управление созданием остаточного напряженнодеформированного состояния в термоупругопластических телах : диссертация ... кандидата физико-математических наук : 01.02.04 - механика деформируемого твердого тела

Medõnski, Jaroslav 1986 http://www.ester.ee/record=b2449865*est

Опыт определения качества пропитки стеклонаполнителей

Talvik, Rein Технология приборо- и машиностроения : [сборник статей] 1968 / с. 160-166 : илл https://www.ester.ee/record=b2083951*est

Опыт применения вибрационных трибометров при определении износостойкости материалов

Ajaots, Maido Всесоюзная научно-техническая конференция "Повышение ресурса узлов трения, работающих в экстремальных условиях" (г. Пермь, 28-30 мая 1986 г.) : тезисы докладов 1986 / с. [231-232]

Опыт применения вибрационных трибометров при ускоренном определении износостойкости материалов

Ajaots, Maido; Nanits, Mats-Maidu Всесоюзная научно-практическая конференция "Теория и практика создания, испытания и эксплуатация триботехнических ция триботехнических систем" (г. Андропов, 28-30 мая 1986 г.) : Тезисы докладов 1986 / с. 113

Опытная установка для определения температуропроводности твердых материалов импульсным методом

Jõgeva, Jüri; Käär, Harri XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 69 : илл https://www.ester.ee/record=b1305565*est

Основные требования к условиям труда при производстве и применении самоприклеивающихся материалов

Võsotski, Svjatoslav Tallinna Tehnikaülikooli Toimetised 1991 / lk. 91-98

Особенности процессов развития кристаллизационной структуры гидросиликатов кальция при твердении известково-кремнеземистых автоклавных материалов

Grüner, Georg-Richard; Butt, Juri; Schmidt, Ludvig; Larionova, Z: M.; Volhov, S. S.; Garašin, V. R. Сборник трудов (НИПИ силикатобетон), 3 1968 / с. 14-16 : илл. https://www.ester.ee/record=b1764431*est

Перспективные материалы для деталей форсунок жидкого топлива

Valdma, Leo; Mosberg, Rudolf; Pirso, Jüri; Kabral, Hillar-Endel Тезисы докладов республиканского семинара по порошковой металлургии 1969 / с. 27-29 https://www.ester.ee/record=b1339858*est

Поведение эттрингита при автоклавной обработке

Kikas, Verner; Grabko, Stellian Сборник трудов по изучению золы сланца-кукерсита. 6 1972 / с. 47-52 : илл https://www.ester.ee/record=b2190533*est <https://digikogu.taltech.ee/et/Item/29889133-4a49-423b-82d3-22a748732c52>

Повышение стойкости к износу детонационным напылением

Harlamov, J.; Sokolov, A. F.; Pappel, Toivo Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 49-54 : илл

https://www.ester.ee/record=b2190621*est <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

Предположения по разработке стандарта на определение эрозионной стойкости материалов
Kleis, Ilmar, Tadolder, Jüri Тезисы докладов и сообщений. 17-19 января 1972 г. 1972 / с. 25-26

Пригласительный билет и программа [пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия"]

1988 https://www.ester.ee/record=b5355566*est

Применение звукопоглощающих материалов для акустического благоустройства зрительных залов в Эстонской ССР

Jaanis, Malle Сборник докладов по строительству : [доклады конференции молодых ученых и специалистов Прибалтики и Белорусской ССР по проблемам строительства в Риге 1971 г 1971 / с. 163-167 https://www.ester.ee/record=b1332034*est

Применение метода корреляции в планировании расхода материалов на комплексный капитальный ремонт жилых зданий

Anakina, Ljudmilla Экономическая эффективность повышения производительности труда, снижения себестоимости и упорядочивания планирования в строительстве 1979 / с. 37-45 https://www.ester.ee/record=b1281721*est
<https://digikogu.taltech.ee/et/Item/3bf875ef-11ee-4208-b5a2-a7866e4ed058>

Приспособление к центробежному ускорителю ЦУК-3М для испытания материалов на абразивный износ с добавкой жидкости

Särgava, Paul; Valdma, Leo Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 55-63 : илл https://www.ester.ee/record=b2190621*est <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

Приспособления для механических испытаний металлокерамических материалов

Bussel, Oleg; Kulu, Priit Технология и организация производства : научно-производительный сборник 1971 / с. 91 https://www.ester.ee/record=b2853398*est

Расчет потребности материалов на основе уравнений линейной парной корреляции для ремонта зданий

Anakina, Ljudmilla Экономическая эффективность повышения производительности труда, снижения себестоимости и упорядочивания и планирования в строительстве 1980 / с. 45-54 https://www.ester.ee/record=b1386702*est
<https://digikogu.taltech.ee/et/Item/2fc86456-161f-4d86-a9b0-1ddf12efb970>

Расчет теплопроводности гетерогенных материалов с хаотической структурой

Ossipova, V.; **Käär, Harri** Инженерно-физический журнал = Journal of engineering physics and thermophysics 1981 / с. 607-616 : ил https://www.ester.ee/record=b1320266*est

Расчет теплопроводности материалов с октаэдрическими включениями

Käär, Harri Теплоэнергетика : сборник статей. 16 1977 / с. 155-158 : илл https://www.ester.ee/record=b2190983*est
<https://digikogu.taltech.ee/et/Item/df799b79-b7cd-4145-982e-4e8700f14192>

Расчет характеристик микросеток и тканей правильного геометрического строения

Karu, Jaan Прогнозирование и регулирование качества воды водоемов и исследование методов очистки природных и сточных вод 1977 / с. 11-16 : илл https://www.ester.ee/record=b1309563*est <https://digikogu.taltech.ee/et/Item/b7ac8308-bd5f-45bf-8000-222db26ff1a1>

Расчет эффективного коэффициента температуропроводности гетерогенного слоистого материала

Käär, Harri; Vares, Villu Инженерно-физический журнал = Journal of engineering physics and thermophysics 1982 / с. 84-90 : ил https://www.ester.ee/record=b1320266*est

Расчетный метод определения коэффициента теплопроводности бинарных металлокерамических материалов

Ossipova, V.; **Käär, Harri; Nikolskaja, O.** Тепло- и массоперенос. Т. 7, Переносные свойства веществ : [Доклады совещаний] 1972 / с. 151-154

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

Решение задач по оптимальному раскрою длинномерных материалов

Korrovits, Harri Экономическая эффективность повышения производительности труда, снижения себестоимости и упорядочивания и планирования в строительстве 1980 / с. 15-22 https://www.ester.ee/record=b1386702*est
<https://digikogu.taltech.ee/et/Item/2fc86456-161f-4d86-a9b0-1ddf12efb970>

Самоприклеивающиеся материалы на базе феноло-каучуковых композиций : обзор

Räämet, Edith; Vössotski, Svjatoslav; Sepp, Helvi Синтез и применение поликонденсационных клеев. 2 1978 / с. 3-6 : илл https://www.ester.ee/record=b2191006*est <https://digikogu.taltech.ee/et/Item/b615a4dd-bb4c-4a80-888a-b13d1a4c52d3>

Самоприклеивающиеся материалы. Сообщение 1: О влиянии пластификаторов на прочностные показатели липкого слоя многослойных самоприклеивающихся материалов

Võsotski, Svjatoslav; Sepp, Helvi; Kiisler, Karl Технология органических веществ. 7 1975 / с. 97-102 : илл
https://www.ester.ee/record=b1475739*est <https://digikogu.taltech.ee/et/Item/0a7a2b23-8888-4a7a-8f05-69664566747d>

Самоприклеивающиеся материалы. Сообщение 2: Исследование долговечности липкого клеевого шва

Võsotski, Svjatoslav; Sepp, Helvi; Kiisler, Karl Технология органических веществ. 7 1975 / с. 103-106 : илл
https://www.ester.ee/record=b1475739*est <https://digikogu.taltech.ee/et/Item/0a7a2b23-8888-4a7a-8f05-69664566747d>

Самоприклеивающиеся материалы. Сообщение 3 : О предотвращении перепластификации липкого клеевого слоя

Võsotski, Svjatoslav; Kiisler, Karl; Sepp, Helvi Технология органических веществ. 8 1976 / с. 109-113 : илл
https://www.ester.ee/record=b1475761*est <https://digikogu.taltech.ee/et/Item/38b2a836-99da-4b82-8058-1c2084a10575>

Сборник статей по изнашиванию и заеданию материалов

1962 https://www.ester.ee/record=b1394579*est <https://digikogu.taltech.ee/et/Item/b6d1e3c1-a1ec-4c89-b14e-63bd4f9a23b3>

Смешивание материалов критерии качества

Tümanok, Aleksei Семинар вибротехнологии : тезисы докладов 1991

Способ испытания материалов на износ. Авторское свидетельство № 1068770

Ajaots, Maido; Laaneots, Rein; Lees, Rein; Saar, Bernhard Открытия, изобретения 1984 / с. [?]: илл
https://www.ester.ee/record=b2319428*est <https://patentdb.ru/patent/1068770>

Способ обработки фасонных поверхностей методом ППД

Papstel, Jüri Тезисы докладов всесоюзной научно-технической конференции "Использование методов поверхностно-пластического деформирования материалов в машиностроении", г. Владимир, июнь 1981 г. 1981 / с. 77-78

Тезисы докладов пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия"

1988 https://www.ester.ee/record=b1256812*est

Установка для испытания материалов на износ

Ajaots, Maido; Laaneots, Rein; Tamre, Mart Международный студенческий центр XII Всемирной фестивали молодежи и студентов 1985 / с. 11-12

Установка по определению износостойкости материалов в абразивной сыпучей массе и методика исследований

Saar, Bernhard Сборник статей по изнашиванию и заеданию материалов 1962 / с. 35-50 : илл
https://www.ester.ee/record=b1394579*est <https://digikogu.taltech.ee/et/Item/b6d1e3c1-a1ec-4c89-b14e-63bd4f9a23b3>

Устройство для испытания образцов материалов на изнашивание

Ajaots, Maido 1987 https://www.ester.ee/record=b2029687*est

Центробежный ускоритель ЦУК-3М для определения относительной износостойкости материалов при абразивной эрозии

Kleis, Ilmar Износ, усталость и коррозия металлов : сборник статей. 4 1970 / с. 23-33 : илл
https://www.ester.ee/record=b2189975*est <https://digikogu.taltech.ee/et/Item/08de6dd6-c065-4fa4-8684-9b41e91f1bd2/>

Энергетический критерий для оценки износостойкости при абразивном изнашивании

Pappel, Toivo; Kleis, Ilmar Износ, усталость и коррозия металлов : сборник статей. 7 1975 / с. 11-21 : илл
https://www.ester.ee/record=b2190702*est <https://digikogu.taltech.ee/et/Item/7b7b4d74-55e0-43cf-b22c-bd484ceb163f>

Эрозионная стойкость порошковых покрытий и пути повышения их износостойкости

Kulu, Priit Тезисы докладов пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия" 1988 / с.51-52 https://www.ester.ee/record=b1256812*est