

**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](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 TiO<sub>2</sub>-graphite powders in PTAW hardfacings and characterization thereof**

Yöyler, Sibel; Surzhenkov, Andrei; Viljus, Mart; Traksmäa, Rainer; Juhani, Kristjan Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 040007 <https://doi.org/10.1063/5.0189317> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Atomic structure and dynamics of unusual and wide-gap phase-change chalcogenides : a GeTe<sub>2</sub> 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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](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, Bjørne; 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

### **Cu<sub>2</sub>Zn<sub>1-x</sub>CdSn(Se<sub>1-y</sub>Sy)<sub>4</sub> 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 SO<sub>2</sub> and CO<sub>2</sub>**

**Kaljuvee, Tiit; Trikkel, 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 Ga<sub>2</sub>Te<sub>5</sub> 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 ZnAl<sub>2</sub>O<sub>4</sub> 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.einet.ee/record=b2624195\\*est](https://artiklid.einet.ee/record=b2624195*est) <https://doi.org/10.3176/proc.2013.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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

### **Determination of silver in standard reference materials by cloud point extraction following atomic absorption spectrometry**

Kilinc, Ersin; **Lepane, Viia; Viitak, Anu**; Gumgum, B. Euroanalysis XIV : Antwerp (Belgium), 9-14 September 2007 : book of abstracts 2007 / p. 224

### **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 methodology and equipment for studying crystallization behaviour of novel PE materials at high supercooling**

**Märtson, Triin; Krumme, Andres** Baltic Polymer Symposium 2007 : Druskininkai, Lithuania, September 19-21, 2007 : programme and book of abstracts 2007 / p. 45

### **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.ttu.ee/i/?937> [https://www.ester.ee/record=b2994890\\*est](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; Triikkel, 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 sõnajalaõit : [TTÜ materjalitehnika instituudis väljatöötatud uuest materjalist]**

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

#### **Eesti Rahvusraamatukogu fondides olevate naha ja pabermaterjalide 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](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**

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

#### **Ehituse materiaaltehnilise baasi planeerimise mõningatest küsimustest**

**Pelevina, G.; Žukova, N.; Zaitseva, T.; Zemskikh, 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](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](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;** Mjakas, 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](https://www.ester.ee/record=b1782316*est)

#### **Elektrimasinate ehituse ainete omadused**

**Vörk, Hans Roland** 1930 [https://www.ester.ee/record=b1308776\\*est](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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Energy materials**

**Mellikov, Enn; Öpik, 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](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 (BALTMATTRIB & 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](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](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?](#)

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

Koel, 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](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-Al<sub>2</sub>O<sub>3</sub> materials studied by "in situ tensile test in SEM"**

Besteri, 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 (BALTMATTRIB & 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](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](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; Tünn, 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](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 fused-forging modeling technique**

**Kommel, Lembit** Proceedings of the 8th International Baltic Conference : Materials Engineering-99 : September 23-24, Kaunas, Lithuania 1999 / p. 117-120

#### **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; Besterici, 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](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**

Kulderknup, Edi Proceedings of the Estonian Academy of Sciences. Engineering 2000 / 4, p. 295-309

[https://artiklid.elnet.ee/record=b1005485\\*est](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](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](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; Udál, 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](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 tahkistes" 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 mõõtmine kaalumisega : mõõtemetoodika**

Kulderknup, Edi; Laaneots, Rein; Nanits, Mats-Maidu 1998 [https://www.ester.ee/record=b1061134\\*est](https://www.ester.ee/record=b1061134*est)

**Kauba ja materjali massi mõõtmine kaalumisega : mõõtemetoodika = Goods and materials mass measurement by weighing : measurement method**

Kulderknup, Edi 2010 [https://www.ester.ee/record=b2629921\\*est](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](https://www.ester.ee/record=b1242496*est)

**Keevitustmaterjalid : standardid, markeering, koostis, omadused : [käsiraamat]**

1995 [https://www.ester.ee/record=b1068939\\*est](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](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](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](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](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](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](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](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](https://www.ester.ee/record=b1507144*est)

**Lääne materjalid ja materjalistandardid**

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

**Madalpingekaablite valikust Eestis**

Risthein, Endel Elektriku kalender 1999 1998 / lk. 171-174

**Magnetic shape memory (MSM) effect in textured polycrystalline Ni<sub>2</sub>MnGa**

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](https://www.ester.ee/record=b1063134*est)

## **Masinaehitusmaterjalid. 5, Materjalide ja tehnoloogia valik**

1991 [https://www.ester.ee/record=b1196161\\*est](https://www.ester.ee/record=b1196161*est)

## **Masinaehitusmaterjalid. VI, Terase markeerimise põhimõtteid : metoodiline materjal**

1993 [https://www.ester.ee/record=b1064033\\*est](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](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](https://www.researchgate.net/publication/252219854_Materials_and_technologies_for_photovoltaic_applications_from_Estonia)

## **Materials design and bonding : general discussion**

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

## **Materjalide vastupidavuse õpetus**

**Villems, G.** 1920 [https://www.ester.ee/record=b1217367\\*est](https://www.ester.ee/record=b1217367*est)

## **Materjal ja konstruktsioon : metoodiline juhend üliõpilaskonstruktorile**

1982 [https://www.ester.ee/record=b1263116\\*est](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](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](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](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](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](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](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](https://www.ester.ee/record=b1346720*est)

## **Materjalide taaskasutus tee-ehituses ei ole möödunud mood**

**Ramler, Gerli Teeleht** 2020 / lk. 14-17 : fot [https://www.ester.ee/record=b1073043\\*est](https://www.ester.ee/record=b1073043*est)  
[https://www.mnt.ee/sites/default/files/road\\_paper\\_pdf/teeleht\\_nr\\_101\\_veeb.pdf](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; Piiroja, 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

## **Materjalikriis kui innovatsiooni mootor**

**Kübarsepp, Jakob** Postimees 2025 / lk. 8 <https://arvamus.postimees.ee/8318150/jakob-kubarsepp-materjalikriis-kui-innovatsiooni-mootor>  
<https://dea.digar.ee/article/postimees/2025/09/06/9.3>

## **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](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

## **"MatTech '91"**

**Kulu, Priit** Tehnika ja Tootmine 1992 / 1, lk. 21

## **Mechanisms of fracture of PM materials and coatings by impact loading**

**Kallas, Paul; Kulu, Priit; Pirsio, 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](https://artiklid.elnet.ee/record=b1976807*est)

## **Methods and materials employed in historic renovation and reconstruction projects, in the Baltic Sea region**

**Nikulin, Pavel** Modern Building Materials, Structures and Techniques : abstracts of the 9th International Conference held on May 16-18, 2007, Vilnius, Lithuania 2007 / p. 155-156

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

**Baraškova, Tatjana; Laas, T.; Pelõhh, Veroonika** 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](https://www.ester.ee/record=b2720026*est)

## **Mikro- ja nanotehnoloogiliste uurimismeetodite arendamine tööstuslike materjalide väljatöötamiseks : kommentaar Eesti Vabariigi teaduse aastapreemia 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](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](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](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](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; Arensbürger, 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](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://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.; Kretovitš, 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](https://www.ester.ee/record=b2449987*est)

### **Nanomechanical characterisation of materials by atomic force microscopy**

Kollo, Lauri Nanopowders, Nanostuctured 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-eesti-kliimast>

### **New concepts and materials for sustainable photovoltaics**

Krunk, 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 wave phenomena and nonlocality**

**Engelbrecht, Jüri**; Braun, Manfred Euromech 348 : Nonlinear Dynamics of Heterogeneous and Microstructured Solids, May 22-26, 1996, Tallinn, Estonia : book of abstracts 1996 / p. 17

**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]**

**Krunk, 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](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.eacaade.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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Novel wear resistant WC-based thermal sprayed coatings**

**Zimakov, Sergei** 2004 [https://www.ester.ee/record=b1988316\\*est](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, Urmas; 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](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 <https://doi.org/10.4271/2015-24-2462> [Journal metrics at Scopus](#) [Article at Scopus](#)

**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 : Gijón, 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](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

#### **Orientational 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

#### **Paste fills technology in condition of Estonian oil shale mine**

**Pastarus, Jüri-Rivaldo; Šommet, Julija; Valgma, Ingo; Väizene, Vivika; Karu, Veiko** Environment. Technology. Resources : proceedings of the 9th International Scientific and Practical Conference. Volume 1 2013 / p. 182-185 : ill  
<https://journals.rta.lv/index.php/ETR/article/view/823>

#### **Pb and Bi nanocluster precipitation in high-dose implanted and RTA Si: SEM and RHEED analyses**

**Angelov, Christo; Mikli, Valdek; Kalitzova, M.; Beshkov, G.** Proceedings of 11th Conference "Materials for Information Tech. in the New Millenium" : ISCMP : Varna, 2001 2001 / p. 452-455

#### **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; Mäddasson, 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](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](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](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](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](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](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](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](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](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](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](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](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**

2019 <http://www.kirj.ee/32590/> [https://www.ester.ee/record=b2355998\\*est](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](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](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](https://www.ester.ee/record=b1258888*est)

**Propagation of sech<sup>2</sup>-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](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](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; Õpik, 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; Õpik, 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://artiklid.elnet.ee/record=b1009716*est)"

**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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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/JIIP.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

**Relation between volume fraction of particles in thin foil and area fraction of their projections**

**Kohutek, Ivan; Besterci, Michal; Kulu, Priit** Engineerings Materials & Tribology 2004 : materials of the XIII-th International Baltic Conference : September 23-24, Riga, Latvia 2004 / p. 78-82 : ill

**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-01-2017-0007> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Reliability and uncertainty of quantity measurement**

**Kulderknup, Edi** 2000 [http://www.ester.ee/record=b1223243\\*est](http://www.ester.ee/record=b1223243*est)

**Research on materials for solar cells at Tallinn Technical University**

**Krunks, 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](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

**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](#)

**Severe plastic deformation for producing superfunctional ultrafine-grained and heterostructured materials: An interdisciplinary review**

Edalati, Kaveh; Ahmed, Anwar Q.; Akrami, Saeid; Ameyama, Kei; Aptukov, Valery; Asfandiyarov, Rashid N.; Ashida, Maki; Astanin, Vasily; Bachmaier, Andrea; **Kommel, Lembit** Journal of alloys and compounds 2024 / art. 174667, 150 p. : ill <https://doi.org/10.1016/j.jallcom.2024.174667> [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](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](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](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](http://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](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](#)

**Standartization of composition of A2B6 materials**

**Mellikov, Enn; Krunks, Malle** Surface and coatings technology 1993 / p. 688-690 [https://doi.org/10.1016/0257-8972\(93\)90320-N](https://doi.org/10.1016/0257-8972(93)90320-N)

**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](https://www.ester.ee/record=b1322611*est)

**Surface-imprinted poly-3,4-ethylenedioxythiophene : a new material for preparation of selective artificial receptors**

**Sõritski, Vitali;** Lautner, G.; Kaev, Jevgeni; Reut, Jekaterina; Menaker, Anna; Öpik, Andres; Gyurcsanyi, Robert E.; Rappich, Jörg 43rd IUPAC World Chemistry Congress : San Juan, Puerto Rico, July 31st-August 5th : program and abstracts 2011 / p. 362

**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 / 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](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](https://www.ester.ee/record=b5568720*est)

**Synthesis and characterization of pyrite FeS<sub>2</sub> solar cell absorber crystals and modifying their surface**

**Kristmann, Katriin; Raadik, 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.ester.ee/record=b4481084*est)

**Synthesis and superconducting properties of Nd<sub>0.33</sub>Eu<sub>0.08</sub>Gd<sub>0.58</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>z</sub> 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 CuInSe<sub>2</sub> 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, Jüta** *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](https://www.ester.ee/record=b4481084*est)

**Teadus TTÜ seinte vahel : [euromündi 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](https://www.ester.ee/record=b4488344*est)

**Tehnikateaduste valdkonna aastapreemia 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 keeleauehind. Kultuur. Sport 2019 / lk. 108-117 : ill., portr [https://www.ester.ee/record=b1226072\\*est](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](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> [https://www.ester.ee/record=b2355998\\*est](https://www.ester.ee/record=b2355998*est) [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://www.ester.ee/record=b2355998*est)

### **Terahertz absorption spectroscopy study of spin waves in orthoferrite YFeO<sub>3</sub> in a magnetic field**

**Amelin, Kirill**; Nagel, Urmas; Fishman, R.S.; Yoshida, Y.; Sim, Hasung; Park, Kisoo; Park, Je-Geun; Rõõm, 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.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; Pishtshev, 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/joceah/88/17>

### **The method for determinating 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 determinating 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 perturbation technique for wave interaction in prestressed material**

**Ravasoo, Arvi** Applied wave mathematics : selected topics in solids, fluids, and mathematical methods 2009 / p. 31-53

### **The role of MgO in the binding of SO<sub>2</sub> 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 SO<sub>2</sub>-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 <https://doi.org/10.3176/proc.2013.4.06> Journal metrics at Scopus at Scopus Journal metrics at WOS Article at WOS

### **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**

**Timofeev, Anton** Inseneeria 2011 / lk. 42-43 : ill [https://www.ester.ee/record=b1519314\\*est](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](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](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://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](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](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** Engineerings 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](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

**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](https://artiklid.elnet.ee/record=b2686651*est)

**Võidusammas polegi klaasist : [Andres Öpiku kommentaariga]**

Öpik, 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](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](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](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](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](https://www.ester.ee/record=b1645489*est)

**Влияние ортотропности материала на силовое и напряженное состояние балки-стенки переменной толщины**

Jõgi, Emma; Koppel, Peep; Sarap, Arnold Двумерное поле напряжений и оптимальные плоские системы 1981 / с. 3-23 : илл [https://www.ester.ee/record=b1319008\\*est](https://www.ester.ee/record=b1319008*est) <https://digikogu.taltech.ee/et/Item/8ec0bf04-e0db-4a16-a1ab-14a4b18e0132>

**Вопросы анализа использования материалов на текстильной фабрике "Пунане Койт"**

Meikup, U.; Sarapik, Jutta Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 102-103 [https://www.ester.ee/record=b1319482\\*est](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.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://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](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](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://www.ester.ee/record=b1309558*est) <https://digikogu.taltech.ee/et/Item/67557c4a-b3ad-4f67-9fe9-4590245ecb73>

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

**Juurvee, Uno; Reiman, Värdi** 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://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 Cr<sub>3</sub>C<sub>2</sub>**

**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://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://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://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://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 : эрозионностойкие спеченные материалы и их применение 1975 / с.35-36 [https://www.ester.ee/record=b1314322\\*est](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](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.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 : эрозионностойкие спеченные материалы и их применение 1975 / с. 44-46 [https://www.ester.ee/record=b1314322\\*est](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](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](https://www.ester.ee/record=b1359832*est)

**Исследование способов получения спеченных износостойких и коррозионностойких материалов и покрытий на основе никеля**

**Kulu, Priit; Pastak, Lauri** Свойства и технология изготовления износостойких материалов 1982 / с. 55-61 : илл [https://www.ester.ee/record=b1309562\\*est](https://www.ester.ee/record=b1309562*est) <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fd01534>

**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://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://www.ester.ee/record=b2181835*est) <https://digikogu.taltech.ee/et/Item/e8338932-2fb7-4e7e-8bb5-e29fc690f490>

**Корпускулярная модель материала в сопротивлении материалов**

**Olik, 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](https://www.ester.ee/record=b1359832*est)

**Корпускулярная модель материала в сопротивлении материалов**

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

**Лабораторная установка для исследования спектральной излучательной способности материалов в широком температурном интервале**

**Viilmann, Ilmar; Mikk, Ilmar; Tiikma, Toomas** Проблемы работы котельных установок тепловых электростанций 1981 / с. 53-60 : илл [https://www.ester.ee/record=b1326766\\*est](https://www.ester.ee/record=b1326766*est) <https://digikogu.taltech.ee/et/Item/4b9fff4d-99cf-4008-8b3d-cfb02089f7f4>

**Лабораторная установка для исследования спектральной излучательной способности различных материалов**

**Tiikma, Toomas; Klevtsov, Ivan** Проблемы работы котельных установок тепловых электростанций 1983 / с. 57-64 : илл [https://www.ester.ee/record=b1286798\\*est](https://www.ester.ee/record=b1286798*est) <https://digikogu.taltech.ee/et/Item/0d56b840-b3dc-4df9-823e-4c96cd509e77>

**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](https://www.ester.ee/record=b1447330*est)

**Моделирование эрозионного изнашивания твердых хрупких материалов**

**Beckmann, G.; Gotzmann, J.** Трение и износ в машинах. 13 1985 / с. 103-109

**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.ester.ee/record=b2190999*est) <https://www.etera.ee/zoom/121378/view?>  
<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>

**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](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](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://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, Värđi** Сборник трудов (НИПИ силикатобетон) 1973 / с. 18-26 : илл [https://www.ester.ee/record=b1764431\\*est](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](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](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](https://www.ester.ee/record=b1339858*est)

**О возможности моделирования изнашивания материалов мазутных форсунок**

**Valdma, Leo; Pirso, Jüri** Износ, усталость и коррозия металлов : сборник статей. 5 1972 / с. 17-30 : илл [https://www.ester.ee/record=b2190525\\*est](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://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](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://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; Naniits, 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://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](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](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.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>

**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://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](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](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://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](https://www.ester.ee/record=b1314933*est)

#### **Об "аномальной дисперсии" диэлектрической проницаемости почвы**

**Plakk, T.** Измерение и моделирование в электронике 1987 / с. 148-154

#### **Об испытаниях материалов для миниатюрных подшипников скольжения**

**Ajaots, Mairo** 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](https://www.ester.ee/record=b1319482*est)

#### **Об условиях гомогенности при расчете эффективной температуры 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](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://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](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 keha kultuuri alal : [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://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](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](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](https://www.ester.ee/record=b2083951*est)

#### **Опыт применения вибрационных трибометров при определении износостойкости материалов**

**Ajaots, Mairo** 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, Mairo; Nanits, Mats-Maidu** Всесоюзная научно-практическая конференция "Теория и практика создания, испытания и эксплуатация 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](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](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](https://www.ester.ee/record=b1339858*est)

**Поведение этtringита 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://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://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

**Приближенный расчет вихревых потерь в элементах магнитопроводов с правильной формой поперечного сечения**

**Randmer, Uudus; Siimar, Rein** Автоматизированные магнитогидродинамические и линейные электроприводы и их элементы 1983 / с. 73-78 : ил [https://www.ester.ee/record=b1286734\\*est](https://www.ester.ee/record=b1286734*est) <https://digikogu.taltech.ee/et/Item/be5b8088-6554-4822-8046-f3dbd15c2b74>

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

1988 [https://www.ester.ee/record=b5355566\\*est](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](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://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://www.ester.ee/record=b2190621*est) <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

**Приспособления для механических испытаний металлокерамических материалов**

**Busse, Oleg; Kulu, Priit** Технология и организация производства : научно-производительный сборник 1971 / с. 91 [https://www.ester.ee/record=b2853398\\*est](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://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](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://www.ester.ee/record=b2190983*est)  
<https://digikogu.taltech.ee/et/Item/d7f99b79-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://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](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](https://www.ester.ee/record=b1538903*est)

#### **Решение задач по оптимальному раскрою длинномерных материалов**

**Korrovits, Harri** Экономическая эффективность повышения производительности труда, снижения себестоимости и упорядочения и планирования в строительстве 1980 / с. 15-22 [https://www.ester.ee/record=b1386702\\*est](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://www.ester.ee/record=b2191006*est) <https://digikogu.taltech.ee/et/Item/b615a4dd-bb4c-4a80-888a-b13d1a4c52d3>

#### **Самоприклеивающиеся материалы. Сообщ. 9, Электропроводящие термоотверждаемые клеевые покрытия КВН**

**Vabaoja, Jüri; Veimer, Vladimir; Vössotski, Svjatoslav** Синтез и применение поликонденсационных клеев. 8 1985 / с. 99-104

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

**Vössotski, Svjatoslav; Sepp, Helvi; Kiisler, Karl** Технология органических веществ. 7 1975 / с. 97-102 : илл [https://www.ester.ee/record=b1475739\\*est](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**

**Vössotski, Svjatoslav; Sepp, Helvi; Kiisler, Karl** Технология органических веществ. 7 1975 / с. 103-106 : илл [https://www.ester.ee/record=b1475739\\*est](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**

**Vössotski, Svjatoslav; Kiisler, Karl; Sepp, Helvi** Технология органических веществ. 8 1976 / с. 109-113 : илл [https://www.ester.ee/record=b1475761\\*est](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://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, Mäido; Laaneots, Rein; Lees, Rein; Saar, Bernhard** Открытия, изобретения 1984 / с. [?] : ил [https://www.ester.ee/record=b2319428\\*est](https://www.ester.ee/record=b2319428*est) <https://patentdb.ru/patent/1068770>

#### **Способ обработки фасонных поверхностей методом ППД**

**Rapstel, 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](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://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](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://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://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](https://www.ester.ee/record=b1256812*est)

**Эффективная теплопроводность пористого материала в условиях свободной конвекции среды при околоскритических параметрах состояния Kruus, Rein; Käär, Harri; Tiikma, Toomas** Исследование работы паровых котлов электростанций 1982 / с. 73-81 : илл  
[https://www.ester.ee/record=b1527395\\*est](https://www.ester.ee/record=b1527395*est) <https://digikogu.taltech.ee/et/Item/a8e8b02c-2427-4c62-a6f2-44166b7f79be>