Adaptive wear mechanisms of diamond coatings at room and elevated temperatures = Teemantpinnete adaptiivkulumise mehhanismid toa- ja kõrgendatud temperatuuridel
Yashin, Maxim 2019 https://digikogu.taltech.ee/et/Item/6cb35baa-eb31-42e2-8134-3235c7f796ef https://www.ester.ee/record=b5283072*est

Additive manufacturing of high-entropy alloys
Karimi, Javad; **Kamboj, Nikhil Kumar**; **Prashanth, Konda Gokuldoss** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p http://fmtdk.ut.ee/teesid-2019/

Analysing the influence of temperature and pressure on corona loss of 330kV overhead tranmission line
Gupta, Pradeep Kumar 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 79-80 : ill https://www.ester.ee/record=b5570906*est

The applicability of limiting phase angle temperatures for specifying asphalt binder low temperature performance
Lill, Kristjan; **Kontson, Karli**; **Aavik, Andrus** Baltic journal of road and bridge engineering 2023 / p. 166-184 https://doi.org/10.7250/bjrbe.2023-18.623 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of ultrasonic sprayed zirconium oxide dielectric in zinc tin oxide-based thin film transistor
Oluwabi, Abayomi Titilope; **Katerski, Atanas**; Carlos, Emanuel; Branquinho, Rita; **Mere, Arvo**; **Krunks, Malle**; Fortunato, Elvira; Pereira, Luis; **Oja Acik, Ilona** Journal of materials chemistry C 2020 / p. 3730-3739 : ill https://doi.org/10.1039/C9TC05127A Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Carbon accumulation rate in a raised bog in Latvia, NE Europe, in relation to climate warming
Stivrinš, Normunds; **Liiv, Merlin**; Ozola, Ilze; **Reitalu, Triin** Estonian journal of earth sciences 2018 / p. 247–258 : ill https://doi.org/10.3176/earth.2018.20 http://www.ester.ee/record=b2246661*est http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2018/issue_4/earth-2018-4-247-258.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cloning and expression of ATP N-glycosidase from the freshwater sponge Ephydatia muelleri
Reintamm, Tõnu; **Vallmann, Kerli**; **Kolk, Kaidi**; **Päri, Mailis**; **Lopp, Annika**; **Aas-Valleriani, Nele**; **Kelve, Merike** Biochimie 2019 / p. 126-129 https://doi.org/10.1016/j.biochi.2018.12.018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Combustion synthesis of MAX phases: microstructure and properties inherited from the processing pathway
Aydinyan, Sofiya Crystals 2023 / art. 1143 https://doi.org/10.3390/cryst13071143 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of additively manufacturing samples fabricated from pre-alloyed and mechanically mixed powders
Zhao, Chao; Wang, Zhi; Li, Daoxi; Xie, Meishen; **Kollo, Lauri**; Luo, Zongqiang; Zhang, Weiwen; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2020 / art. 154603, 5 p. : ill https://doi.org/10.1016/j.jallcom.2020.154603 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of the thermobituminiztion kinetics of Baltic oil shale in open retorts and autoclaves
Johannes, Ille; **Tiikma, Laine** International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 70 http://www.ester.ee/record=b4775098*est

Compensation of the baseline temperature fluctuations for autonomous CE–C4D instrument working in harsh environments
Drevinskas, Tomas; Telksnys, Laimutis; Maruška, Audrius; **Gorbatšova, Jelena**; **Kaljurand, Mihkel** Electrophoresis 2018 / p. 2877–2883 : ill https://doi.org/10.1002/elps.201800132 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Creep and high temperature fatigue performance of as build selective laser melted Ti-based 6Al-4V titanium alloy
Viespoli, Luigi Mario; Bressan, Stefano; Itoh, Takamoto; Hiyoshi, Noritake; **Prashanth, Konda Gokuldoss**; Berto, Filippo Engineering failure analysis 2020 / art. 104477, 9 p. : ill https://doi.org/10.1016/j.engfailanal.2020.104477 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cryo-protective effect of an ice-binding protein derived from Antarctic bacteria
Mangiagalli, Marco; Bar-Dolev, Maya; Tedesco, Pietro; Natalello, Antonino; **Kaleda, Aleksei** The FEBS journal 2017 / p. 163-177 : ill https://doi.org/10.1111/febs.13965 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at Scopus

Cryo-protective effect of ice-binding proteins produced by Pseudomonas fluorescens AQP671 on wholegrain wheat bread dough during freezing and frozen storage
Luhila, Õnnela; **Karro, Kadi**; **Zakrevskaja, Karina**; **Nisamedtinov, Ildar**; **Paalme, Toomas**; **Laos, Katrin** LWT - food science and technology 2024 / art. 117160, 13 p. : ill https://doi.org/10.1016/j.lwt.2024.117160 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Damaging formula of the frost resistant concrete with poor quality of coarse limestone aggregate
Liisma, Eneli; **Raado, Lembi-Merike** Journal of civil engineering and architecture 2015 / p. 598-603 : ill

Determination of core losses using an inverse modeling technique
Osemwinyen, Osaruyi; Hemeida, Ahmed; **Ghahfarokhi, Payam Shams**; **Belahcen, Anouar** IEEE Access 2022 / p. 29224-29232 https://doi.org/10.1109/ACCESS.2022.3158365 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of a low-cost, wireless smart thermostat for isothermal DNA amplification in lab-on-a-chip devices
Pardy, Tamas; **Sink, Henri**; **Koel, Ants**; **Rang, Toomas** Micromachines 2019 / art. 437, 13 p. : ill https://doi.org/10.3390/mi10070437 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Direct liquid cooling in low-power electrical machines : proof-of-concept
Lindh, Pia; Petrov, Ilya; Semken, R. Scott; **Vaimann, Toomas**; **Kallaste, Ants** IEEE transactions on energy conversion 2016 / p. 1257-1266 : ill https://doi.org/10.1109/TEC.2016.2597059 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Doktoritöö: Läänemere viisaastakuplaaniga puhastamine on naiivne
Harrik, Airika novaator.err.ee 2023 Doktoritöö: Läänemere viisaastakuplaaniga puhastamine on naiivne

Eesti rannikul on arenemas mereleitsak
novaator.err.ee 2024 Eesti rannikul on arenemas mereleitsak Ekstreemne olukord: Eesti rannikul on arenemas mere kuumalaine

Effect of different temperature-time combinations in kerogen pyrolysis to thermobitumen and oil
Šarajeva, Galina; **Luik, Lea**; **Luik, Hans** International journal of environmental engineering 2015 / p. 174-181 : ill http://seekdl.org/nm.php?id=5785

Effect of different temperature-time combinations in kerogen pyrolysis to thermobitumen and oil
Luik, Lea; **Luik, Hans**; **Šarajeva, Galina** 20th International Symposium on Analytical and Applied Pyrolysis : PYRO 2014 : 19-23 May 2014, Birmingham, UK : conference guide and abstracts 2014 / p. 80

Effect of different temperature-time combinations in kerogen pyrolysis to thermobitumen and oil
Šarajeva, Galina; **Luik, Lea**; **Luik, Hans** 2014 proceedings of Second International Conference On Advances in Applied Science and Environmental Engineering : 20-21 December, 2014, Kuala Lumpur, Malaysia 2014 / p. 40-47 : ill

Effect of graphene nanoplatelet content on mechanical and elevated-temperature tribological performance of self-lubricating ZE10 magnesium alloy nanocomposites
Kandemir, Sinan; **Yöyler, Sibel**; **Kumar, Rahul, 1993-**; **Antonov, Maksim**; Dieringa, Hajo Lubricants 2024 / art. 52 https://doi.org/10.3390/lubricants12020052 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of slowly increasing temperature and NaCl concentration on the expression of Hsp12-GFP2 fusion protein in Saccharomyces cerevisisae : an auxo-accelerostat study
Nisamedtinov, Ildar; Lindsley, G.; Karreman, R.; Orumets, Kerti; Koplimaa, Mariane; **Paalme, Toomas** FinMed 2006 : 2nd International Conference on Bioreactor Technology in Cell, Tissue Culture and Biomedical Applicatios 2006 / p. 102-112

Effect of strain rate and temperature on mechanical properties and fracture mechanism of the dispersion strengthened Al-12Al4C3 system
Velgosova, Oksana; Besterci, Michal; **Kulu, Priit** High temperature materials and processes 2005 / 3, p. 183-187 : ill https://www.degruyter.com/document/doi/10.1515/HTMP.2005.24.3.183/html

Effects of irradiation of ZnO/CdS/Cu2ZnSnSe4/Mo/glass solar cells by 10 MeV electrons on photoluminescence spectra
Sulimov, M. A.; Sarychev, M.N.; Yakushev, Michael V.; **Krustok, Jüri** Materials science in semiconductor processing 2021 / art. 105301, 5 p. : ill https://doi.org/10.1016/j.mssp.2020.105301 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of accumulated fatigue in metals due to random oscillating thermal stresses
Klevtsov, Ivan; Crane, Roger Journal of pressure vessel technology 1998 / 1, p. 43-50: ill

High-temperature tribological performance of hard multilayer TiN-AlTiN/nACo-CrN/AlCrN-AlCrO-AlTiCrN coating deposited on WC-Co substrate
Alamgir, Asad; **Yashin, Maxim**; **Bogatov, Andrei**; **Viljus, Mart**; **Traksmaa, Rainer**; Sondor, Jozef; Lümkemann, Andreas; **Sergejev, Fjodor**; **Podgurski, Vitali** Coatings 2020 / art. 909, 10 p. : ill https://doi.org/10.3390/coatings10090909 Journal metrics at WOS Article at Scopus Journal metrics at WOS Article at WOS

Hot sliding wear of 88 wt.%TiB-Ti composites from SHS produced powders
Kumar, Rahul, 1993-; **Liu, Le**; **Antonov, Maksim**; **Ivanov, Roman**; **Hussainova, Irina** Materials 2021 / art. 1242, 14 p.: ill

https://doi.org/10.3390/ma14051242 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ice binding proteins from psychrophilic bacteria: characterization and applications in food
Luhila, Õnnela; **Laos, Katrin**; **Paalme, Toomas** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 15
https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Influence of Cr, Ti and Zr oxides formation on high temperature sliding of NiAl-based plasma spray coatings
Poliarus, Olena; Umanskyi, Oleksandr; Ukrainets, Maksym; Kostenko, Oleksii; **Antonov, Maksim**; **Hussainova, Irina** 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. 308-312 : ill
https://doi.org/10.4028/www.scientific.net/KEM.674.308 Conference Proceedings at Scopus Article at Scopus

Influence of particle impact conditions and temperature on erosion–oxidation of steels at elevated temperatures
Huttunen-Saarivirta, E.; **Antonov, Maksim**; **Veinthal, Renno**; Tuiremo, J.; Mäkelä, K.; Siitonen, P. Wear 2011 / p. 159-175 : ill

Influence of residual stress on the stability of steel columns at elevated temperatures
Kervališvili, Andrei; **Talvik, Ivar** Journal of civil engineering and management 2017 / p. 292-299 : ill
https://doi.org/10.3846/13923730.2015.1068845 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of temperature on the performance of Nafion coated RuO2 based pH electrodes
Uppuluri, Kiranmai; **Lazouskaya, Maryna**; Szwagierczak, Dorota; Zaraska, Krzysztof 2021 IEEE International Conference on Flexible and Printable Sensors and Systems (FLEPS), Manchester, United Kingdom 2021 / 4 p
https://doi.org/10.1109/FLEPS51544.2021.9469758

Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures
Friedenthal, Margus; **Eha, Kairit**; Kaleda, Aleksei; Part, Natalja; **Laos, Katrin** SN Applied Sciences 2020 / art. 243, 6 p. : ill
https://doi.org/10.1007/s42452-020-2032-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures : [conference paper]
Friedenthal, Margus; **Eha, Kairit**; Kaleda, Aleksei; Part, Natalja; **Laos, Katrin** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 116
https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstracs.pdf

Investigation of excess Zn in ZnO
Lott, Kalju; **Volobujeva, Olga**; **Raukas, Maie**; **Türn, Leo**; Grebennik, A.; Vishnjakov, A. 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. 622-625 : ill https://onlinelibrary.wiley.com/doi/abs/10.1002/pssc.200306186

Investigation of the high temperature dry sliding wear behavior of graphene nanoplatelets reinforced aluminum matrix composites
Seçkin, Martin; Kandemir, Sinan; **Antonov, Maksim** Journal of composite materials 2021 / 13 p. : ill
https://doi.org/10.1177/0021998320979037 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Journal of thermal stresses
2011

K&V : Küsimused-vastused : [vastus lugeja küsimusele]
Laht, Tiiu-Maie Tarkade Klubi 2010 / 11, lk. 8-9

Kliimamuutuste keerukas muster võimendab ebavõrdsust
Soomere, Tarmo Õpetajate Leht 2020 / Lk. 5 : portr https://opleht.ee/2020/02/kliimamuutuste-keerukas-muster-voimendab-ebavordsust/ Tarmo Soomere: kliimamuutuste keerukas muster võimendab ebavõrdsust (err.ee 22.02.2020) https://www.ester.ee/record=b1072753*est

60-kraadine saun huugab jalge all. Tallinna värsked teeremondid ei arvesta kliimamuutustega
Orav, Anna Teele Eesti Päevaleht 2021 / Lk. 18-19 : fot https://dea.digar.ee/article/eestipaevaleht/2021/07/14/18.3

Linear patterning of high entropy alloy by additive manufacturing
Karimi, Javad; Ma, P.; Ji, Y.D.; **Prashanth, Konda Gokuldoss** Manufacturing letters 2020 / p. 9-13 : ill
https://doi.org/10.1016/j.mfglet.2020.03.003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Lipoxygenase-allene oxide synthase pathway in octocoral thermal stress response
Lõhelaid, Helike; **Teder, Tarvi**; **Samel, Nigulas** Coral reefs 2015 / p. 143-154 : ill https://doi.org/10.1007/s00338-014-1238-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Low-temperature annealing of lightly doped n-4H-SiC layers after irradiation with fast electrons
Korolkov, Oleg; Kozlovski, Vitali V.; Lebedev, Alexander A.; **Sleptšuk, Natalja**; **Toompuu, Jana**; **Rang, Toomas** Semiconductors 2019 / p. 975−978 https://doi.org/10.1134/S1063782619070133 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Marine heatwaves develop along Estonian coast
Oidermaa, Jaan-Juhan; Rudi, Hanneli news.err.ee 2024 Marine heatwaves develop along Estonian coast

Mereleitsakud kimbutavad Läänemere habrast elustikku
Kõuts, Mariliis Horisont 2024 / lk. 46-51 : fot https://www.ester.ee/record=b1072243*est

Method for assessing heat loss in a district heating network with a focus on the state of insulation and actual demand for useful energy
Chicherin, Stanislav; Mašatin, Vladislav; **Siirde, Andres**; **Volkova, Anna** Energies 2020 / art. 4505, 15 p. : ill https://doi.org/10.3390/en13174505 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Milline tulevik ootab Läänemerd?
Kõuts, Mariliis Eesti Loodus 2025 / lk. 14-18 : ill https://www.ester.ee/record=b1358198*est

Mission profile resolution impacts on the thermal stress and reliability of power devices in PV inverters
Sangwongwanich, Ariya; Zhou, D.; **Liivik, Elizaveta**; Blaabjerg, Frede Microelectronics reliability 2018 / p. 1003-1007 https://doi.org/10.1016/j.microrel.2018.06.094

Modelling and experimental characterisation of self-regulating resistive heating elements for disposable medical diagnostics devices
Pardy, Tamas; **Rang, Toomas**; Tulp, Indrek Materials characterization VII 2015 / p. 263-271 : ill

Modelling and experimental characterisation of thermoelectric heating for molecular diagnostics devices
Pardy, Tamas; **Rang, Toomas**; Tulp, Indrek BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 27-30 : ill http://www.ester.ee/record=b2150914*est

Modelling of complex signals in nerves
Engelbrecht, Jüri; **Tamm, Kert**; **Peets, Tanel** 2021 https://doi.org/10.1007/978-3-030-75039-8

Motor Mode Analysis of Exterior-Rotor PM Machine with Gramme's Winding
Nukki,Rene; **Kilk, Aleksander**; Saarts, Samo; Tiimus, Kristjan Elektronika ir elektrotechnika = Electronics and electrical engineering 2017 / p. 21-25 : ill https://doi.org/10.5755/j01.eie.23.1.17579 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Numerical simulation of P-type Al/4H-SiC Schottky barrier diodes [Online resource]
Ziko, Mehadi Hasan; **Koel, Ants**; **Rang, Toomas** BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill https://doi.org/10.1109/BEC.2018.8600976

Numerical simulation of uprising gas-solid particle flow in circulating fluidised bed
Kartušinski, Aleksander; **Martins, Ants**; **Rudi, Ülo**; **Štšeglov, Igor**; **Tisler, Sergei**; **Krupenski, Igor**; **Siirde, Andres** Oil shale 2008 / p. 125-138 : ill https://artiklid.elnet.ee/record=b1456418*est

Observation of band gap fluctuations and carrier localization in Cu2CdGeSe4
Krustok, Jüri; **Raadik, Taavi**; **Kaupmees, Reelika**; **Grossberg, Maarja**; **Kauk-Kuusik, Marit**; **Timmo, Kristi**; **Mere, Arvo** Journal of physics D : applied physics 2019 / art. 285102 , 7 p. : ill https://doi.org/10.1088/1361-6463/ab1afd Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On the modeling of cyclic shear in plasticity
Kenk, Kalju Актуальные проблемы механики, прочности и теплопроводности при низких температурах : тезисы докладов IV научно-технического семинара 1998 / p. 61-63: ill

One step synthesis of pure cubic and monoclinic HfO_2 nanoparticles : effects of temperature and ambient on the photoluminescent properties
Rauwel, Protima; Galeckas, Augustinas; **Rauwel, Erwan** ECS transactions 2015 / p. 19-28 https://doi.org/10.1149/06444.0019ecst Conference proceedings at Scopus Article at Scopus

Oxidation of reactive azo-dyes with pulsed corona discharge : surface reaction enhancement : [conference paper]
Onga, Liina; Kornev, Iakov; **Preis, Sergei** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 68 http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Photoluminescence and AFM study of WS2 monolayers
Kaupmees, Reelika; Madauß, Lukas; Pollmann, Erik; **Grossberg, Maarja**; **Krustok, Jüri** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 41 http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Photoluminescence study of defect clusters in Cu2ZnSnS4 polycrystals
Grossberg, Maarja; **Raadik, Taavi**; **Raudoja, Jaan**; **Krustok, Jüri** Current applied physics 2014 / p. 447-450 : ill https://doi.org/10.1016/j.cap.2013.12.029 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Physical-chemical interaction in NiAl-MeB2 systems intended for tribological applications
Umanskyi, Oleksandr; Poliarus, Olena; Ukrainets, Maksym; **Antonov, Maksim** Welding journal 2015 / p. 225-230 : ill https://aws-p-001-delivery.sitecorecontenthub.cloud/api/public/content/de3281a8c6654d108b8b8dfcdf286c4b?v=1c0c676e Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Plasma transferred arc hardfacings reinforced by chromium carbide-based cermet particles
Zikin, Arkadi; **Hussainova, Irina**; Winkelmann, Horst; **Kulu, Priit**; Badisch, Ewald Proceedings of the Heat Treatment and Surface Engineering 19th Congress : Glasgow, Scotland, 17-20 October, 2011 2011 / [5] p. : ill

Post-deposition processing for tuning the properties of Sb2Se3 thin films absorber layer grown by close-spaced sublimation
Krautmann, Robert; **Spalatu, Nicolae**; **Hiie, Jaan**; **Katerski, Atanas**; **Oja Acik, Ilona**; **Krunks, Malle** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 47 http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Properties of CuSbSe2 thin film solar cell absorbers deposited by magnetron co-sputtering
Penežko, Aleksei; **Grossberg, Maarja**; **Volobujeva, Olga**; **Kauk-Kuusik, Marit** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 71 http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Radiator and floor heating operative temperature and temperature variation corrections for EN 15316-2 heat emission standard
Maivel, Mikk; **Kurnitski, Jarek** Energy and buildings 2015 / p. 204-213 : ill https://doi.org/10.1016/j.enbuild.2015.04.021 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reaction pathway in the WO3-NiO-Mg-C system. DTA/TG study
Zakaryan, Marieta; Niazyan, O.; **Aydinyan, Sofiya**; Kharatyan, Suren Chemical Journal of Armenia 2019 / p. 223-232 http://chemistry.asj-oa.am/id/eprint/7944

Revealing the impact of Hot Isostatic Pressing temperature on the microstructure and mechanical characteristics of Selective Laser Melted CuAlNiMn shape memory alloy
Singh, Shalini; Narayanan, Jinoop Arackal; Dehgahi, Shirin; Qureshi, A. J.; Palani, Iyamperumal Anand; Paul, Christ Prakash; **Prashanth, Konda Gokuldoss** Materials letters 2024 / art. 136452 https://doi.org/10.1016/j.matlet.2024.136452

Rotation of floating particles in submesoscale cyclonic and anticyclonic eddies : a model study for the southeastern Baltic Sea
Zhurbas, Victor; **Väli, Germo**; Kuzmina, Natalia 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 28-29 : ill "proceedings"

Saturn-shaped ice burst pattern and fast basal binding of an ice-binding protein from an Antarctic bacterial consortium
Kaleda, Aleksei; Haleva, Lotem; Sarusi, Guy Langmuir 2019 / p. 7337-7346 : ill https://doi.org/10.1021/acs.langmuir.8b01914 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Simulation of the hot deformation and fracture behavior of reduced activation ferritic/martensitic 13CrMoNbV steel
Shaikh, Asad Alamgir; Churyumov, Alexander; Pozdniakov, Andrey; Churyumo, Tatiana Applied sciences 2020 / art. 530 ; 12 p. : ill https://doi.org/10.3390/app10020530 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Specific nitrite oxidation rate on high surfaced biofilm carriers dependent on free ammonia and temperature
Zekker, Ivar; Tenno, Toomas; Tenno, Taavo; Lemmiksoo, Vallo; Rikmann, Ergo; **Menert, Anne**; Kolberg, K.; Tomingas, Martin; Kroon, K.; Vabamäe, Priit 2nd Workshop on Bacterial and Fungal Biofilms : Ghent University Center for Sociomicrobiology, 22 September 2011 2011 https://www.etis.ee/Portal/Publications/Display/33df8771-46e4-46c6-a2da-dbd4efb91a17

Studies of novel lowcost absorbers CUSBS2 and CUSBSE2 for solar cells [Online resource]
Penežko, Aleksei; **Grossberg, Maarja**; **Kauk-Kuusik, Marit** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p. : ill http://fmtdk.ut.ee/teesid-2019/

Study of (AgxCu1−x)2ZnSn(S,Se)4 monograins synthesized by molten salt method for solar cell applications
Oueslati, Souhaib; **Kauk-Kuusik, Marit**; Neubauer, Christian; **Mikli, Valdek**; **Meissner, Dieter**; Brammertz, Guy; Vermang, B.;

Krustok, Jüri; **Grossberg, Maarja** Solar energy 2020 / p. 586-595 https://doi.org/10.1016/j.solener.2020.02.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Synthesis and characterization of tetrahedrite Cu10Cd2Sb4S13 monograin material for photovoltaic application
Ghisani, Fairouz; **Timmo, Kristi**; **Altosaar, Mare**; **Raudoja, Jaan**; **Mikli, Valdek**; **Pilvet, Maris**; **Kauk-Kuusik, Marit**; **Grossberg, Maarja** Materials science in semiconductor processing 2020 / art. 104973 https://doi.org/10.1016/j.mssp.2020.104973 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Synthesis and characterization of tetrahedrite Cu10Cd2Sb4S13 monograin material for photovoltaic application [Online resource]
Ghisani, Fairouz; **Timmo, Kristi**; **Altosaar, Mare**; **Raudoja, Jaan** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p http://fmtdk.ut.ee/teesid-2019/

Teadlane : päikesekuumaga mõjub aken toale nagu saunakeris [Online resources]
Ideon, Argo maaleht.ee 2022 Teadlane: päikesekuumaga mõjub aken toale nagu saunakeris

Temperature dependency of electrical network load
Meldorf, Mati; **Treufeldt, Ülo**; **Kilter, Jako** Oil shale 2007 / 2S, p. 237-247 : ill
https://www.researchgate.net/publication/228631520_Temperature_dependency_of_electrical_network_load

Temperature dependent electrical characterization of thin film Cu2ZnSnSe4 solar cells
Kask, Erkki; **Krustok, Jüri**; Giraldo, Sergio; Neuschitzer, Markus; Lopez-Marino, Simon; Saucedo, E.M. Journal of Physics D: Applied Physics 2016 / art. 085101 https://doi.org/10.1088/0022-3727/49/8/085101 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Temperature dependent photoreflectance study of Cu2SnS3 thin films produced by pulsed laser deposition
Raadik, Taavi; **Grossberg, Maarja**; **Krustok, Jüri**; **Kauk-Kuusik, Marit** Applied physics letters 2017 / p. 261105-1 - 261105-4 : ill https://doi.org/10.1063/1.4990657 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Temperature influence on current suppressing effect in SiC Schottky diode
Kurel, Raido; **Rang, Toomas** Abstracts of the 3rd International Conference and Exhibition Micro Materials : MicroMat2000 : April 17-19, 2000, Berlin, Germany 2000 / p. 217-218

Temperature influence on current suppressing effect in SiC Schottky diode
Kurel, Raido; **Rang, Toomas** Proceedings of the 3rd International Conference and Exhibition Micro Materials : MicroMat2000 : April 17-19, 2000, Berlin, Germany 2000 / p. 1208-1209

Temperature-dependent conductivity of polyparaphenylene/polypyrrole multilayer structures
Golovtsov, Igor; **Öpik, Andres** International Conference on Science and Technology of Synthetic Metals : 15th to 21st of July 2000, Gastein, Austria : book of abstracts 2000 / p. 58-MonH102

Temperature-dependent conductivity of polyparaphenylene/polypyrrole multilayer structures
Golovtsov, Igor; **Öpik, Andres** Synthetic metals 2001 / 1/3, p. 1363-1364

Temperatuuri tõstmine kuumutusahjudes hapniku lisandamisega põlemisõhule
Öpik, Ilmar Populaar- ja rakendustehniline kogumik. 1 1949 / lk. 47-48 : ill https://www.ester.ee/record=b1435798*est

Terahertz spectroscopy of the helium endofullerene He@C60
Jafari, Tanzeeha; Bacanu, George Razvan; Shugai, Anna; Nagel, Urmas; Walkey, Mark; Hoffman, Gabriela; Levitt, Malcolm H.; Whitby, Richard J.; Rõõm, Toomas Physical chemistry chemical physics 2022 / p. 9943–9952 : ill https://doi.org//10.1039/d2cp00515h

Test setup for measuring medium voltage power cable and joint temperature in high current tests using thermocouples [Online resource]
Taklaja, Paul; **Kiitam, Ivar**; Hyvönen, Petri; Klüss, Joni 34th Electrical Insulation Conference : Hotel Bonaventure, Montreal, Qc, Canada, 19-22 June 2016 : proceedings 2016 / p. 480-483 : ill https://doi.org/10.1109/EIC.2016.7548642

The damaging effect of carbonation process on frost resistant concrete after freeze/thaw cycles
Liisma, Eneli; **Raado, Lembi-Merike**; **Kraht, Jarko** Advanced Engineering and Technology II : proceedings of the 2nd Annual Congress on Advanced Engineering and Technology (CAET 2015), Hong Kong, 4-5 April 2015 2015 / p. 13-18 : ill

The effect of elevated temperatures on excitonic emission and degradation processes of WS2 monolayers
Kaupmees, Reelika; **Walke, Peter**; Madauß, Lukas; Maas, Andre; Pollmann, Erik; Schleberger, Marika; **Grossberg, Maarja**; **Krustok, Jüri** Physical chemistry chemical physics 2020 / p. 22609−22616 https://doi.org/10.1039/D0CP03248D Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The effect of modality on linear low-density polyethylene crystallization behaviour at high and very high supercoolings

Märtson, Triin; **Krumme, Andres**; **Gavrilkina, Veronika**; **Viikna, Anti** Proceedings of the Estonian Academy of Sciences 2009 / 1, p. 53-57 : ill https://artiklid.elnet.ee/record=b1452126*est

The effect of temperature and mechanical treatment on the properties of xanthan's, tara's and their blend's solutions
Vaher, Kadi; **Laos, Katrin**; **Sõrmus, Aavo** Food and nutrition = Toit ja toitumine 2007 / p. 71-79 : ill

The effect of temperature on the properties of Xanthan's tara's and their blend's solution
Vaher, Kadi; **Laos, Katrin**; **Sõrmus, Aavo** European Congress of Chemical Engineering - 6 : Copenhagen, 16-20 September, 2007 : ECCE-6 book of abstracts 2007 / p. 1069-1070 : ill

The effect of the firing temperature on the hardness of alumina porcelain
Štubna, Igor; Šin, Peter; **Viljus, Mart**; Trnik, Anton Materials and technology = Materiali in tehnologije 2014 / p. 331-336 : ill http://mit.imt.si/izvodi/mit143/stubna.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The influence of carbon and molybdenum in reactive sintered (Ti, Mo)C-NiCr cermets [Electronic resource]
Jõeleht, Marek; **Pirso, Jüri**; **Juhani, Kristjan**; **Viljus, Mart** Euro PM2015 Congress & Exibition : proceedings : 4-7 October 2015, Reims Congress Centre, Reims, France 2015 / [USB]

The influence of sintering temperature of reactive sintered (Ti, Mo)C-Ni cermets
Jõeleht, Marek; **Pirso, Jüri**; **Juhani, Kristjan**; **Viljus, Mart** Medžiagotyra = Materials science 2015 / p. 435-438 : ill https://doi.org/10.5755/j01.ms.21.3.7179 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The Performance of Bond Lines of Engineered Wood in Cone Heater Testing
Vihmann, Jane Liise; **Just, Alar**; Sterley, Magdalena; **Mäger, Katrin Nele**; **Kers, Jaan** Fire and Materials 2025 https://doi.org/10.1002/fam.3295

Thermal expansion behavior of Al–xSi alloys fabricated using selective laser melting
Jia, Yandong; Zhang, L.B.; Ma, Pan; Scudino, Sergio; Wang, G.; Yi, J.; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Progress in additive manufacturing 2020 / 11 p. : ill https://doi.org/10.1007/s40964-020-00130-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Thermal performance of wedge pile slab foundation without frost protection insulation and highly insulated slab on ground floor – first year measurements
Lomp, Siim; **Kalamees, Targo**; **Hallik, Jaanus**; Needo, Roomelt Journal of Physics: Conference Series 2023 / art. 012110 https://doi.org/10.1088/1742-6596/2654/1/012110 Conference proceedings at Scopus Article at Scopus

Thermo-physical properties and thermal shock resistance of chromium carbide based cermets
Antonov, Maksim; **Hussainova, Irina** 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 26-27 : ill

Tribological performances of ZrC-Ni and TiC-Ni cermet reinforced PTA hardfacings at elevated temperatures
Yung, Der-Liang; **Zikin, Arkadi**; **Hussainova, Irina**; Danninger, Herbert; Badisch, Ewald; Gavrilovic, A. Surface and coatings technology 2017 / p. 497-505 : ill https://doi.org/10.1016/j.surfcoat.2016.11.099 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Wet air oxidation of oil shales-factors affecting dicarboxylic acids formation
Kaldas, Kristiina; **Preegel, Gert**; **Muldma, Kati**; **Lopp, Margus** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 37 http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Исследование жаростойкости котельных сталей в присутствии отложений от котлов-утилизаторов цветной металлургии
Ingermann, Karl; **Ots, Arvo** Промышленная энергетика 1973 / с. 16-19 : рис., таб https://www.ester.ee/record=b2151157*est

К вычислению изменения интенсивности отказов элементов по изменениям температуры и нагрузки
Koort, Ants Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. [2], Секция: Компютерный анализ сигналов и цепей 1981 / с. 9-10 https://www.ester.ee/record=b1310795*est

К определению необходимой величины дополнительного охлаждения воздушного заряда дизеля при повышении температуры окружающей среды
Murel, Peeter; **Soskind, Gennadi** Судовые силовые установки : сборник статей. 7 1974 / с. 79-82 https://www.ester.ee/record=b2190655*est https://digikogu.taltech.ee/et/Item/1eace339-9f4c-409f-b284-84422d12e82a

Экстремальная ситуация: у побережья Эстонии возникли морские тепловые волны
Uiboupin, Rivo rus.postimees.ee 2024 Экстремальная ситуация: у побережья Эстонии возникли морские тепловые волны