

A novel alumina – nanocarbon hybrid material

Ivanov, Roman; Anoshkin, Ilya; Nasibulin, Albert; **Hussainova, Irina**; Kauppinen, Esko NT13: Fourteenth International Conference on the Science and Applications of Nanotubes : 24-28 June, 2013, Espoo, Finland 2013 / p. 309

Alumiiniumiga legeeritud tsinksulfiidi defektstruktuuri uurimine

Kirik, A.; Lott, Kalju XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 126-127 https://www.ester.ee/record=b1322611*est

Aluminium - stainless steel hybrid composites obtained by selective laser melting and centrifugal casting [Online resource]

Holovenko, Yaroslav; Kollo, Lauri; Kolnes, Märt Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmtdk.ut.ee/teesid/>

Carbon prices for meeting the Paris agreement and their impact on key metals

Tost, Michael; **Hitch, Michael William**; Lutter, Stephan; Feiel, Susanne; Moser, Peter The extractive industries and society 2020 / p. 593-599 <https://doi.org/10.1016/j.exis.2020.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of Interfaces Between the Metal Film and Silicon Carbide Semiconductor = Metallkontakti ja ränikarbiidi vahelise liidespinna karakteriseerimine

Ziko, Mehadi Hasan 2021 <https://digikogu.taltech.ee/et/Item/34be534c-63e8-4013-b271-eaf1a7cb22e7>
https://www.ester.ee/record=b5471196*est <https://doi.org/10.23658/taltech.52/2021>

Comparative characteristics of diffusion welded Al contacts to 6H- and 4H-SiC substrates

Korolkov, Oleg; Rang, Toomas The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 23-26 : ill

A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate by spray pyrolysis

Eensalu, Jako Siim; Krunks, Malle; Gromõko, Inga; Katerski, Atanas; Mere, Arvo Energetika 2017 / p. 46-55 : ill
<https://doi.org/10.6001/energetika.v63i2.3519> [Journal metrics at Scopus](#) [Article at Scopus](#)

Computation of the temperature field in the furnace of aluminothermal reduction

Obakov, N.; **Gorkunov, Valeri; Munter, Rein**; Beketov, Aleksandr Scientific proceedings of Riga Technical University. 1. [series], Material science and applied chemistry 2007 / p. 100-111

Deformation mechanism studies by varying height to diameter ratio of Al-Mg and Al-Mg-C metal matrix composites

Sharma, Shubham; **Singh, Neera**; Kumar, Devendra; Gupta, Sumit; Chaudhary, Vijay; Gupta, Niraj; Gupta, Pallav Journal of Advanced Manufacturing Systems 2023 / p. 603-618 <https://doi.org/10.1142/S0219686723500270> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Diffusion in the interface region of Ti/TiAl-Nb bonding

Kommel, Lembit Defects and diffusion forum 2006 / p. 193-200

https://www.researchgate.net/publication/240837273_Diffusion_in_the_Interface_Region_of_TiTiAl-Nb_Bonding

Diffusion in the interface region of Ti/TiAl-Nb bonding

Kommel, Lembit Book of abstracts of International Conference on Diffusion in Solids : Past, Present and Future : DiSo-05 : 23-27 May, Moscow, Russia 2005 / p. 29 https://www.researchgate.net/publication/240837273_Diffusion_in_the_Interface_Region_of_TiTiAl-Nb_Bonding

Direct CVD growth of multi-layered graphene closed shells around alumina nanofibers

Ivanov, Roman; Mikli, Valdek; Kübarsepp, Jakob; Hussainova, Irina Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 77-80 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.77> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Edge resonance in semi-infinite thick pipe : theoretical predictions and measurements

Ratassepp, Madis; Klauson, Aleksander; Chati, F.; Leon, Fernand; Maze, Gerard Journal of Acoustical Society of America 2008 / 2, p. 875-885 <https://pubmed.ncbi.nlm.nih.gov/18681580/>

Effect of atomic oxygen irradiation on the structural and tribological properties of the MoS₂/Al₂O₃/PI composites

Zhao, Gai; Wang, Qihua; **Hussainova, Irina**; Ding, Qingjun Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 239-243 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.239> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Evolution of microstructure and hardness in aluminum processed by high pressure torsion extrusion

Omranpour Shahreza, Babak; Ivanisenko, Yulia; Kulagin, Roman; **Kommel, Lembit**; Sanchez, E. Garcia; Nugmanov, Dayan; Scherer, Torsten; Heczal, Anita; Gubicza, Jeno Materials Science and Engineering : A 2019 / art. 138074, 10 p. : ill <https://doi.org/10.1016/j.msea.2019.138074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental and numerical analysis of HPTE on mechanical properties of materials and strain distribution

Omranpour Shahreza, Babak; Kulagin, Roman; Ivanisenko, Yulia; Sanchez, E. Garcia 7th International Conference on Nanomaterials by Severe Plastic Deformation 2–7 July 2017, Sydney, Australia 2017 / art. 012047, 6 p.: ill <https://doi.org/10.1088/1757-899X/194/1/012047> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Experimental, analytical, and numerical study of transient elastic waves from a localized source in an aluminium strip

Mračko, Michal; Adamek, Vítězslav; **Berezovski, Arkadi**; Kober, Jan; Kolman, Radek Applied acoustics 2021 / art. 107983 <https://doi.org/10.1016/j.apacoust.2021.107983> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A few-layered graphene on alumina nanofibers for electrochemical energy conversion

Hussainova, Irina; **Ivanov, Roman**; Stamatin, Serban; Anoshkin, Ilya; Skou, Eivind; Nasibulin, Albert Carbon 2015 / p. 157-164 : ill <https://doi.org/10.1016/j.carbon.2015.03.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Growth of ultra-thin amorphous Al₂O₃ films on CoAl(1 0 0)

Rose, V.; **Podgurski, Vitali**; Costina, Ioan; Franchy, R. Surface science 2003 / p. 128-136 <https://www.sciencedirect.com/science/article/pii/S0039602803008914>

Hardness of multi wall carbon nanotubes reinforced aluminium matrix composites

Bradbury, Christopher R.; **Gomon, Jaana-Kateriina**; **Kollo, Lauri**; Kwon, Hansang; Leparoux, Marc Journal of alloys and compounds 2014 / p. 362-367 : ill <https://doi.org/10.1016/j.jallcom.2013.09.142> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heat treatment of ultrafine grained high-strength aluminum alloy

Pramono, Agus; **Kollo, Lauri**; **Kallip, Kaspar**; **Veinthal, Renno**; **Gomon, Jaana-Kateriina** Engineering materials & tribology XXII 2014 / p. 273-276 : ill <https://doi.org/10.4028/www.scientific.net/KEM.604.273> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

High strength ductile aluminium matrix composite = Kõrgtugev ja plastne alumiiniumkomposiitmaterjal

Kallip, Kaspar 2017 <https://digi.lib.ttu.ee/i/?9114> https://www.ester.ee/record=b4746456*est

Homogeneous deposition of copper oxide on mesoporous 1D alumina nanofibres by combustion approach

Kirakosyan, Khachatur; **Aghayan, Marina**; Rodriguez, Miguel Angel; **Taleb, Masoud**; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2016 / p. 97-100 : ill https://artiklid.elnet.ee/record=b2768206*est <https://doi.org/10.3176/proc.2016.2.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hot and cold of pressing effect on ECAP-parallel channel composite based on Al/ANF material

Pramono, Agus; **Kommel, Lembit**; **Kollo, Lauri**; **Veinthal, Renno** Advanced materials research 2015 / p. 343-347 <http://dx.doi.org/10.4028/www.scientific.net/AMR.1123.343>

Hot and cold regions during accumulative roll bonding of Al/Al₂O₃ nanofibre composites

Pramono, Agus; **Kollo, Lauri**; **Veinthal, Renno** Proceedings of the Estonian Academy of Sciences 2016 / p. 132-137 : ill https://artiklid.elnet.ee/record=b2768216*est <https://doi.org/10.3176/proc.2016.2.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hot consolidation of aluminum and aluminum nano-MMC powders by Equal Channel Angular Pressing

Kollo, Lauri; **Kallip, Kaspar**; **Gomon, Jaana-Kateriina**; **Kommel, Lembit** Materials science = Medžiagotyra 2012 / p. 234-237 : ill https://www.researchgate.net/publication/267226658_Hot_Consolidation_of_Aluminium_and_Aluminium_nano-MMC_Powders_by_Equal_Channel_Angular_Pressing

Improvement of productivity in Al welding

Stepanov, Aleksandr; **Laansoo, Andres** Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 363-368 : ill <http://innomet.ttu.ee/daaam08/Online/Engineering%20Management/Stepanov.pdf>

Influence of interphases on the mechanical properties of alumina nanofibers reinforced alumina nanocomposite

Aghayan, Marina; **Hussainova, Irina**; Gasik, Michael; **Kollo, Lauri** Proceedings of the 1st ISN2A, 1st International Symposium on Nanoparticles/Nanomaterials and Applications : Caparica - Almada, Portugal, 20th-22th January 2014 2014 / p. 97

Investigation of different carbon nanotube reinforcements for fabricating bulk AlMg5 matrix nanocomposites

Kallip, Kaspar; Leparoux, Marc; AlOgab, Khaled A. Journal of alloys and compounds 2015 / p. 710-718 : ill <http://dx.doi.org/10.1016/j.jallcom.2015.06.169>

Investigation of different carbon nanotube reinforcements for fabricating bulk AlMg5 matrix nanocomposites [Online

resource]

Kallip, Kaspar; Leparoux, Marc; AIOgab, Khaled A. Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

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

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

Investigation of severe plastic deformation processes for aluminum based composites = Alumiiniumi baasil komposiitide süvaplase deformatsiooni protsesside uurimine

Pramono, Agus 2016 <https://digi.lib.ttu.ee/i/?7098> https://www.ester.ee/record=b4640507*est

Keevitajate atesteerimine. Sulakeevitus

Laansoo, Andres 2010 https://www.ester.ee/record=b2595016*est

Laengukandjate liikuvuse määramine alumiiniumiga legeeritud tsinksulfiidis kõrgel temperatuuril

Veski, T.; Lott, Kalju XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 127 https://www.ester.ee/record=b1322611*est

Laser powder-bed fusion of ceramic particulate reinforced aluminum alloys: a review

Minasyan, Tatevik; Hussainova, Irina Materials 2022 / art. 2467 <https://doi.org/10.3390/ma15072467> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Layered functionally graded alumina ceramic composites

Drozdova, Maria; Ivanov, Roman; Rodriguez, Miguel Angel; **Hussainova, Irina** ECerS 2017 : 15th Conference & Exhibition of the European Ceramic Society, July 9–13, 2017, Budapest, Hungary : Book of abstracts 2017 / p. 227 <https://static.akcongress.com/downloads/ecers/ecers2017-abstract-book.pdf>

Marketable products derived from aluminium-containing industrial wastes

11. uluslararası alüminyum sempozyumu : bildiriler kitabı = 11th international aluminium symposium : proceedings book 2023 / p. 263-269 http://www.alusist.com/Content/ALUS11_Bildiriler_Kitabi.pdf

Mechanical and structural characterization of multiphase B4C/Al composites synthesized by SHS

Kimmari, Eduard; Kommel, Lembit 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 33-34

Mechanical and tribological behavior of gravity and squeeze cast novel Al-Si alloy

Chandra, Vadlamudi Srinivasa; Sivaprasad, Katakam; Dhanasekaran, Subramaniam; **Prashanth, Konda Gokuldoss** Metals 2022 / art. 194 <https://doi.org/10.3390/met12020194>

Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine

Tallermo, Harri 1998 https://www.ester.ee/record=b1060921*est

Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine : keevitusprotseduuri katse. Osa 2, Alumiiniumi ja selle sulamite kaarkeevitus = Specification and qualification of welding procedures for metallic materials : welding procedure test. Part 2, Arc welding of aluminium and its alloys (ISO 15614-2:2005)

2011 https://www.ester.ee/record=b2730254*est

Mis alumiiniumil viga on?

Risthein, Endel Elektriala 1999 / 3, lk. 14-15 https://artiklid.elnet.ee/record=b1002946*est

Novel alumina-nanocarbon hybrids

Hussainova, Irina; Anoshkin, Ilya; **Ivanov, Roman; Kübarsepp, Jakob** 38th International Conference & Exposition on Advanced Ceramics and Composites : abstract book : January 26-31, 2014, Daytona Beach, Florida 2014 / p. 117

A numerical sensitivity analysis of fluid-structure interaction simulations on slamming loads and responses

Hosseinzadeh, Saeed; Topa, Ameen; **Tabri, Kristjan** IOP conference series : materials science and engineering 2023 / art. 012017, 9 p. : ill <https://doi.org/10.1088/1757-899X/1288/1/012017>

Production of hard refractory compounds on base of aluminium and boron carbide powders

Kommel, Lembit; Kollo, Lauri World PM2010 proceedings. Vol. 2, Sintering, Secondary and Finishing Operations, Full Density and Alternative Consolidation 2010 / p. 337-343 https://www.researchgate.net/publication/272160638_Production_of_Hard_Refractory_Compounds_on_Base_of_Aluminum_and_Boron_Carbide_Powders

Production technology elaboration and characterization of Al-MWCNT, Al-fullerenes and Al-B4C composites

Kommel, Lembit; Metsvahi, Rainer; Mihaltsenkov, M. Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 651-656 : ill

Professor: Ukrainas on pea kõik maavarad, mis USA-ga kaubaks võiks minna

Soesoo, Alvar 2025 <https://www.err.ee/1609600271/professor-ukrainas-on-pea-koik-maavarad-mis-usa-ga-kaubaks-voiks-minna>

Professor: Ukraine's mineral reserves enough to make Trump proposal feasible

Soesoo, Alvar news.err.ee 2025 [Professor: Ukraine's mineral reserves enough to make Trump proposal feasible](https://www.err.ee/1609600271/professor-ukrainas-on-pea-koik-maavarad-mis-usa-ga-kaubaks-voiks-minna)

Restkaevude päised ja hoolduskaevude päised sõiduteede ja jalakäijate aladele. Osa 3, Terasest ja alumiiniumsulamitest rest- ja hoolduskaevude päised [Võrguteavik] = Gully tops and man hole tops for vehicular and pedestrian areas. Part 3, Gully tops and manhole tops made of steel or aluminium alloys

2018 https://www.ester.ee/record=b5176150*est

Selective laser melting of aluminum and its alloys

Wang, Zhi; **Ummethala, Raghunandan; Singh, Neera; Prashanth, Konda Gokuldoss** Materials 2020 / art. 4564 : ill

<https://doi.org/10.3390/ma13204564> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Severe plastic deformation of metals by using high pressure torsion extrusion = Metallide süvaplastne deformeerimine kõrgsurve-väändeekstrusiooni meetodil

Omranpour Shahreza, Babak 2019 <https://digikogu.taltech.ee/et/Item/e74f8a8e-4021-4cd2-b1f0-cb91d05b9a56>

Sorption of Cd(II), Cr(III) and Al(III) ions on apatite from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 137

Structural and optical properties of electrochemically deposited ZnO films in electrolyte containing Al₂(SO₄)₃

Lovchinov, Konstantin; Ganchev, Maxim; Petrov, Miroslav; Nichev, Hristo; Rachkova, Avgustina; Angelov, Orlin; **Mikli, Valdek;**

Dimova-Malinovska, Doriana Physica Status Solidi (A) Applications and Materials Science 2013 / p. 743 - 747

<https://doi.org/10.1002/pssa.201200558> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structure and mechanical properties of Ti-Al

Kommel, Lembit; Ovcharov, V.; Kodess, Boris N.; Teterin, G.; Kisel, N.; Ermolova, M. Acta Metallurgica : Proceedings of IUCr'99 meeting : Glasgow, August 7-9, 1999 1999 / [0,2ap]

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

Surface fatigue of Al-metal matrix composites at impact loading

Saarna, Mart; Sergejev, Fjodor; Gomon, Jaana-Kateriina; Kollo, Lauri; Leparoux, Marc Engineering materials and tribology 2013 / p. 119-124 : ill

ZrC+TiC synergically reinforced metal matrix composites with micro/nanoscale reinforcements prepared by laser powder bed fusion

Xi, Lixia; Feng, Lili; Gu, Dongdong; Wang, Ruiqi; Sarac, Baran; **Prashanth, Konda Gokuldoss;** Eckert, Jürgen Journal of materials research and technology 2022 / p. 4645-4657 <https://doi.org/10.1016/j.jmrt.2022.06.149> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Tailoring the microstructure and tribological properties in commercially pure aluminium processed by High Pressure Torsion Extrusion

Omranpour Shahreza, Babak; Kommel, Lembit; Sergejev, Fjodor; Ivanisenko, Yulia; Antonov, Maksim Proceedings of the Estonian Academy of Sciences 2021 / p. 540-548 : ill <https://doi.org/10.3176/proc.2021.4.23> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Teras- ja alumiiniumkonstruktsioonide valmistamine

Loorits, Kalju 2009 https://www.ester.ee/record=b2529104*est

Teras- ja alumiiniumkonstruktsioonide valmistamine. Osa 2, Tehnilised nõuded teraskonstruktsioonidele = Execution of steel structures and aluminium structures. Part 2, Technical requirements for steel structures

2012 https://www.ester.ee/record=b2758822*est

Teraskonstruktsioonide ja alumiiniumkonstruktsioonide valmistamine. Osa 3, Tehnilised nõuded alumiiniumkonstruktsioonidele = Execution of steel structures and aluminium structures. Part 3, Technical requirements for aluminium structures

2010 https://www.ester.ee/record=b2638692*est

The aluminum based composite produced by Self propagating High temperature Synthesis

Pramono, Agus; Kommel, Lembit; Kollo, Lauri; Veinthal, Renno Materials science = Medžiagotyra 2016 / p. 41-43 : ill
<https://doi.org/10.5755/j01.ms.22.1.7500> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of alumina and zirconia coats on the tribological properties of alumina nanofibers

Aghayan, Marina; Gasik, Michael; Kollo, Lauri; Hussainova, Irina; Rodriguez, Miguel Angel CIMTEC 2014 : 13th International Ceramics Congress : Montecatini Terme, Tuscany, Italy, June 8-13, 2014 : book of abstracts 2014

The influence of refractory composition in binder phase on wear properties of boron carbide aluminium composites

Kommel, Lembit; Traksmäa, Rainer; Kimmari, Eduard Abstracts of 10th Nordic Symposium on Tribology NORDTRIB 2002 / p. 97

The influence of refractory composition in binder phase on wear properties of boron carbide aluminium composites [Electronic resource]

Kommel, Lembit; Traksmäa, Rainer; Kimmari, Eduard Proceedings of 10th Nordic Symposium on Tribology NORDTRIB 2002 / Ref. 18 [CD-ROM]

The investigation of structure and properties of TiAl-Nb alloy

Kommel, Lembit Proceedings of the International Symposium-Exhibition on Advanced Materials, Technologies, Equipment and Tools in Mechanical Engineering : April 20-23, 1999, Kiev, Ukraine 1999 / p. 67

The structure and properties forming in boron carbide aluminium composites during processing

Kommel, Lembit; Hussainova, Irina; Kimmari, Eduard Proceedings of World Congress on Powder Metallurgy and Particulate Materials, USA. Vol. 6 2002 / p. 182-187

The template-assisted wet-combustion synthesis of copper oxide nanoparticles on mesoporous network of alumina nanofibers

Aghayan, Marina; Hussainova, Irina; Kirakosyan, Khachatur; Rodriguez, Miguel Angel Materials chemistry and physics 2017 / p. 138-146 : ill <https://doi.org/10.1016/j.matchemphys.2017.01.068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal and microstructural analysis of doped alumina nanofibers

Aghayan, Marina; Gasik, Michael; Hussainova, Irina; Rubio-Marcos, Fernando; Kollo, Lauri; Kübarsepp, Jakob Thermochemica acta 2015 / p. 43-48 : ill <https://doi.org/10.1016/j.tca.2015.01.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultrahigh aspect ratio alumina nanofibers as reinforcements

Hussainova, Irina; Gasik, Michael; Aghayan, Marina 38th International Conference & Exposition on Advanced Ceramics and Composites : abstract book : January 26-31, 2014, Daytona Beach, Florida 2014 / p. 117

Using small punch testing method for the analysis of creep behaviour of Al-Al₄C₃ composites

Besterci, Michal; Dobeš, Ferdinand; Kulu, Priit; Sülleiova, Katarina Estonian journal of engineering 2010 / 3, p. 243-254 : ill
https://artiklid.elnet.ee/record=b2156237*est

Welding quality and productivity in Al welding in Estonian enterprises [Electronic resource]

Stepanov, Aleksandr; Laansoo, Andres Theses and reports of 5th International Conference "Metals, Welding and Power Metallurgy" : MET2007 : Jurmala, September 13-14.2007 2007 / ? p. [CD-ROM]

Испытание тонкостенного канала индукционного насоса для перекачки жидкого алюминия

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

Испытания индукционного насоса ЭМН-6 на жидком алюминии

Voldek, Aleksander; Tiismus, Hugo; Jänes, Hans; Veske, Toivo; Liin, Heljut; Tammemägi, Herbert Исследование и проектирование индукционных насосов для транспорта жидких металлов : сборник трудов. 1 1962 / с. 235-245 : илл
https://www.ester.ee/record=b2100656*est <https://digikogu.taltech.ee/et/Item/b0ebc529-0556-472c-9f71-a6a62666fb1e>

Исследование легирования сульфида цинка медью, алюминием, галлием и индием

Lott, Kalju; Varvas, Jüri Свойства легированных полупроводников 1977 / с. 98-99 : ill https://www.ester.ee/record=b2708631*est

Исследование легирования сульфида цинка медью, алюминием, галлием и индием

Lott, Kalju; Varvas, Jüri Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов : тезисы докладов 1975 / с. 108-109

Использование ионообменных методов при отделении и определении железа и алюминия в сланцевой золе

Kann, Jüri; Milli, V.; Vilbok, Heinrich Сборник научных трудов студентов. 3 1960 / с. 43-51 : илл
https://www.ester.ee/record=b2181418*est <https://digikogu.taltech.ee/et/Item/3c57b85a-ce7a-4beb-ab6a-4e0c682a1d0b>

Лабораторная работа. № 7, Термическая обработка дюралюмина
1966 https://www.ester.ee/record=b1434930*est

Об устойчивости некоторых материалов в жидком алюминии

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

Опытная МГД-установка на жидком алюминии

Loigom, Villem; Tomson, Jaan; Arusoo, Andres; Oorn, Arvo; Pettai, Elmo Автоматизированные магнитогидродинамические и линейные электроприводы и их элементы 1981 / с. 77-85 : илл https://www.ester.ee/record=b1319072*est
<https://digikogu.taltech.ee/et/Item/ac7fb615-5c64-451e-aabf-881859c7d425>

Опытная МГД-установка на жидком алюминии

Tiismus, Hugo; Laugis, Juhan; Loigom, Villem; Tomson, Jaan; Irs, Rein; Tarma, Mati; Lehtla, Tõnu; Sakkos, Heinar; Arusoo, Andres; Oorn, Arvo; Pettai, Elmo Всесоюзный симпозиум по автоматизированному линейному и магнитогидродинамическому электроприводу : тезисы докладов 1981 / с. 72-74 https://www.ester.ee/record=b1312096*est

Профессор: Украина могла бы обменять полезные ископаемые на помощь США

Soesoo, Alvar rus.err.ee 2025 <https://rus.err.ee/1609600655/professor-ukraina-mogla-by-obmenjat-poleznye-iskopaemye-na-pomow-ssha>

Создание радиационных дефектов и люминесценция в галогенсодержащих каркасных алюмосиликатах : автореферат ... кандидата физико-математических наук (01.04.07)

Ruus, Tõnu 1987 https://www.ester.ee/record=b1349120*est

Структурные характеристики легированных жаропрочных сплавов на основе Ni3Al

Kommel, Lembit; Kodess, Boris N.; Kommel, Igor Сборник тезисов Первого Российского кристаллографического конгресса : 21-26 ноября 2016, г. Москва 2016 / с. 375 http://www.issp.ac.ru/ebooks/conf/Cryst_Congress_1.pdf

Экспериментальное исследование МГД-привода для транспорта жидкого алюминия

Irs, Rein; Laugis, Juhan; Loigom, Villem; Tiismus, Hugo; Tomson, Jaan Семинар по прикладной магнитной гидродинамике : тезисы докладов 1978 / с. [136-137]