

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

Abrasive erosion of non-tungsten cemented carbides

Pirso, Jüri; **Kallas, Paul** Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / I. 30-33
https://www.ester.ee/record=b1492085*est

Abrasive erosion of powder materials

Kallas, Paul 1996 http://www.ester.ee/record=b1070451*est

Abrasive impact wear and surface fatigue wear behaviour of Fe-Cr-C PTA overlays

Veinthal, Renno; **Sergejev, Fjodor**; Zikin, Arkadi; **Tarbe, Riho**; Hornung, J. 19th International Conference on Wear of Materials : Portland, Oregon, USA, 14-18 April 2013 : conference abstracts 2013 / [p. 98]

Abrasive impact wear and surface fatigue wear behaviour of Fe–Cr–C PTA overlays

Veinthal, Renno; **Sergejev, Fjodor**; **Zikin, Arkadi**; **Tarbe, Riho**; Hornung, Johann Wear 2013 / p. 102-108
<https://www.sciencedirect.com/science/article/pii/S0043164813000999>

Abrasive impact wear resistance of hardfacings

Kulu, Priit; **Surženkov, Andrei**; **Tarbe, Riho**; **Simson, Taavi** European Conference on Heat Treatment and 22nd IFHTSE Congress : Heat Treatment and Surface Engineering from tradition to innovation : Venice (Italy), 20-22 May 2015 2015 / [9] p. : ill

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

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

Abrasive wear resistance of HVOF sprayed and PTA-welded hardmetal hard phase reinforced metal-matrix based coatings

Tarbe, Riho; **Kulu, Priit**; Zikin, Arkadi; **Surženkov, Andrei** Engineering materials & tribology XXII 2014 / p. 3-7

Abrasive wear resistance of recycled hardmetal reinforced thick coating

Kulu, Priit; **Tarbe, Riho**; **Zikin, Arkadi**; **Sarjas, Heikki**; **Surženkov, Andrei** Engineering materials and tribology 2013 / p. 185-190

Advanced multiphase tribo-functional PTA hardfacings = Mitmefaasilised kulumiskindlad PTA-keevispindad

Zikin, Arkadi 2013 <https://digi.lib.ttu.ee/i/?908> https://www.ester.ee/record=b2956356*est

Akadeemik Jakob Kübarsepp : valimisplatvorm

Kübarsepp, Jakob Mente et Manu 2015 / lk. 5-7 : portr https://artiklid.elnet.ee/record=b2721092*est

Akadeemiline sullerlus kui akadeemilise vabaduse kuritarvitamine

Soomere, Tarmo; **Veinthal, Renno** Sirp 2016 / lk. 36-37 : ill https://artiklid.elnet.ee/record=b2757309*est <https://www.sirp.ee/s1-artiklid/c21-teadus/akadeemiline-sullerlus-kui-akadeemilise-vabaduse-kuritarvitamine/>

Alumina-silica hollow microspheres in metallo-ceramic matrix composite [Electronic resource]

Šiškins, Andrejs; Mironovs, Viktors; Zemčenkova, Vjačeslavs; **Hussainova, Irina** Cellular Materials CellMat 2014 : Dresden, Germany, 22-24 October, 2014 2014 / [CD-ROM]

Aluminum based composite by novelty process : Repetitive Press Roll Bonding (RPRB)

Pramono, Agus; **Kollo, Lauri**; **Veinthal, Renno** Procedia chemistry 2015 / p. 473-479 : ill
<http://dx.doi.org/10.1016/j.proche.2015.12.081>

Areng kasvatav ootusi : [arvamusi TTÜ raamatukogu kohta]

Kübarsepp, Jakob; **Kallavus, Urve**; **Kalev, Kaia** Mente et Manu 2014 / lk. 10 https://www.ester.ee/record=b1242496*est

Arengud ja suundumused insenerihariduses

Kübarsepp, Jakob Elektriala 2015 / lk. 5

Arvamusi akadeemikutelt [oluliste teadusprobleemide kohta]

Engelbrecht, Jüri; **Kaljo, Dimitri**; **Krumm, Lembit**; **Kübarsepp, Jakob** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2012 2013 / lk. 229-236

Assessment of cermets performance in aggressive media

Antonov, Maksim 2006 http://www.ester.ee/record=b2208731*est

Assessment of the reliability of hardfacings for soil rippers

Jankauskas, Vytenis; Katinas, Egidijus; Varnauskas, Valentinas; Katinas, A.; Antonov, Maksim Journal of friction and wear 2015 / p. 89-95 : ill <http://dx.doi.org/10.3103/S106836661501016X>

Atomic layer deposition for hard nanocoatings

Jõgiaas, Taivo; Kollo, Lauri; Hussainova, Irina Baltic ALD 2014 : 12th International Baltic Conference on Atomic Layer Deposition : May 12-13, 2014, Helsinki, Finland 2014 / p. 91-92

Atomic layer deposition of alumina on $\text{g-Al}_2\text{O}_3$ nanofibres

Jõgiaas, Taivo; Arroval, Tõnis; Kollo, Lauri; Hussainova, Irina Physica status solidi (a) : applications and materials science 2014 / p. 403-408 : ill

Boron containing solid and superhard composites production techniques and properties [Electronic resource]

Kommel, Lembit; Kübarsepp, Jakob; Tarraste, Marek; Kolnes, Märt World PM2016 proceedings 2016 / [6] p. : ill. [USB]

Chair of Semiconductor Materials Technology : activity report 1988-1993

1994 https://www.ester.ee/record=b1065473*est

Changes in surface morphology, deflection and wear of microcrystalline diamond film observed during sliding tests against Si_3N_4 balls

Bogatov, Andrei; Traksmäa, Rainer; Podgurski, Vitali 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. 145-151 : ill <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.145>

Characterisation of TiC-NiMo reinforced Ni-based hardfacing

Zikin, Arkadi; Badisch, Ewald; Hussainova, Irina; Tomastik, C.; Danninger, Herbert Surface & coatings technology 2013 / p. 36-44 : ill

Characterization and application of TiC-based iron alloys bonded cermets

Annuka, Harri 1999 http://www.ester.ee/record=b1273069*est

Characterization and application of TiC-based iron alloys bonded cermets

Annuka, Harri 1999 http://www.ester.ee/record=b1337168*est

Characterization and modelling of erosion wear of powder composite materials and coatings

Veinthal, Renno 2005 https://www.ester.ee/record=b2097488*est

Characterization of mechanically milled cermet powders produced by disintegrator technology

Käerdi, Helmo; Goljandin, Dmitri; Kulu, Priit; Sarjas, Heikki; Mikli, Valdek Engineering materials and tribology 2013 / p. 148-153

Characterization of microstructure and mechanical properties of friction stir welded $\text{AlMg}_5\text{-Al}_2\text{O}_3$ nanocomposites

Babu, N. Kishore; Kallip, Kaspar; Leparoux, Marc Materials science and engineering : A 2016 / p. 109-122 : ill <http://dx.doi.org/10.1016/j.msea.2016.01.102>

Characterization of TiC-FeCrMn cermets produced by powder metallurgy method

Kolnes, Märt; Kübarsepp, Jakob; Kollo, Lauri; Viljus, Mart Medžiagotyra = Materials science 2015 / p. 353-357 : ill <http://dx.doi.org/10.5755/j01.ms.21.3.7364>

Chemical spray pyrolysis deposition of zinc sulfide thin films and zinc oxide nanostructured layers = Tsinksulfiidi õhukesed kiled ning tsinkoksiidi nanostruktuursed kihid keemilise pihustuspürolüüsi meetodil

Dedova, Tatjana 2007 <https://digi.lib.ttu.ee/i/2155> https://www.ester.ee/record=b2324660*est

Chemical vapour deposition growth of graphene and carbon nanotubes on alumina

Ivanov, Roman; Anoshkin, Ilya; Hussainova, Irina TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Color center fluorescence and spin manipulation in single crystal, pyramidal diamond tips

Nelz, Richard; Fuchs, Philipp; Podgurski, Vitali Applied physics letters 2016 / p. 193105-1 - 193105-4 : ill <http://dx.doi.org/10.1063/1.4967189>

Combined sol-gel and carbothermal synthesis of ZrC-TiC powders for composites

Umalas, Madis; Hussainova, Irina; Reedo, Valter; Yung, Der-Liang Materials chemistry and physics 2015 / p. 301-306 : ill <http://dx.doi.org/10.1016/j.matchemphys.2015.01.017>

Comparative analysis of residual stresses determined by various methods in brush-plated hard gold and silver coatings

Lille, Harri; Kõo, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; **Sergejev, Fjodor; Mikli, Valdek** Engineering materials & tribology XXII 2014 / p. 8-11

Comparative study of the VARTM, VAP and MTI vacuum infusion processes

Aruniit, Aare; Herranen, Henrik; Miller, Kristen 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. 71-76 : ill <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.71>

Comparing tungsten carbide based composites reinforced by alumina nanofibers or zirconia

Yung, Der-Liang; Dong, Minjie; Hussainova, Irina Proceedings of the PM13 International Conference on Powder Metallurgy and Particulate Materials 2013 / p. 24-35 : ill

Comparison of some mechanical and physical methods for measurement of residual stresses in brush-plated nickel hardened gold and silver coatings

Lille, Harri; Kõo, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; **Sergejev, Fjodor;** Matvejev, Dmitri Materials science = Medžiagotyra 2016 / p. 36-40 : ill <http://dx.doi.org/10.5755/j01.ms.22.1.7439>

Comparison of the wear and frictional properties of Cu matrix composites prepared by pulsed electric current sintering

Ritasalo, Riina; **Antonov, Maksim; Veinthal, Renno;** Hannula, Simo-Pekka Proceedings of the Estonian Academy of Sciences 2014 / p. 62-74 : ill https://artiklid.elnet.ee/record=b2665219*est

Composition and structure of bimodal WC-Co materials related to mechanical properties and abrasive wear

Yung, Der-Liang; Antonov, Maksim; Hussainova, Irina; Veinthal, Renno; Hogmark, Sture M2D2015 : proceedings of the 6th International Conference on Mechanics and Materials in Design, 2015 2015 / p. 655-664

Coupled thermal analysis of novel alumina nanofibers with ultrahigh aspect ratio

Aghayan, Marina; Hussainova, Irina; Gasik, Michael; Kutuzov, Michael; Friman, Michael Thermochemica acta 2013 / p. 140-144 : ill

Covalent coupling of ionic liquid to carbon nanotubes : preparation and tribological properties

Taaber, Triinu; Põhako-Esko, Kaija; **Antonov, Maksim; Veinthal, Renno** MRS proceedings 2014 / p. UU06-30 : ill

Critical radius in the effect of transformation toughening of zirconia doped ceramics and cermets

Freidin, Alexander; Filippov, Roman; **Hussainova, Irina;** Vilchevskaya, Elena Engineering materials and tribology 2013 / p. 68-73

Critical radius of zirconia inclusions in transformation toughening of ceramics

Filippov, Roman; Freidin, Alexander; **Hussainova, Irina;** Vilchevskaya, Elena Physical mesomechanics 2015 / p. 33-42 : ill <http://dx.doi.org/10.1134/S1029959915010051>

Decarburisation effect on hardened strip steel fastening components

Jaason, Karli; Peetsalu, Priidu; Saarna, Mart; Kulu, Priit; Beilmann, Jüri Materials science = Medžiagotyra 2016 / p. 148-152 : ill <http://dx.doi.org/10.5755/j01.ms.22.1.7467>

Decarburization effect on hardened strip steel fastening components

Jaason, Karli; Peetsalu, Priidu; Saarna, Mart; Kulu, Priit; Beilmann, Jüri TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Densification and characterization of spark plasma sintered ZrC–ZrO₂ composites

Hussainova, Irina; Voltšihhin, Nikolai; Cura, M. Erkin; Hannula, Simo-Pekka Materials science and engineering : A - structural materials: properties, microstructure and processing 2014 / p. 75-81 : ill

Densification and microstructure development in zirconia toughened hardmetals

Voltšihhin, Nikolai; Hussainova, Irina; Cura, M. Erkin; Hannula, Simo-Pekka; **Traksmäa, Rainer** Engineering materials and tribology 2013 / p. 50-55 : ill

Department of Chemistry : activity report 1994

1995 https://www.ester.ee/record=b1060032*est

Department of Materials Technology

Valdma, Leo; Kübarsepp, Jakob; Kulu, Priit; Tümanok, Aleksei; Mellikov, Enn; Vallaste, Heikki Research activities / Tallinn Technical University 1993 / p. 13-16 https://www.ester.ee/record=b1053754*est

Deposition and characterization of refractory cermet particle reinforced Ni-based PTA hardfacings

Zikin, Arkadi; Yung, Der-Liang; Hussainova, Irina; Danninger, Herbert; **Pirso, Jüri;** Gavrilović-Wohlmuther, A. Proceedings of the 18th PLANSEE Seminar, 2013 2013

Design and technology of oxides-containing ceramic-based composites = Oksiide sisaldava komposiitkeraamika tehnoloogia

Voltšihin, Nikolai 2014 https://www.ester.ee/record=b4438763*est

Determination of resistance to wear of particulate composite

Aruniit, Aare; Antonov, Maksim; Kers, Jaan; Krumme, Andres Engineering materials & tribology XXII 2014 / p. 188-191

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 in cermet design, technology and performance

Kübarsepp, Jakob; Pirso, Jüri; Juhani, Kristjan; Viljus, Mart International journal of materials & product technology 2014 / p. 160-179

Diffusionsschweissen von Werkstoffen mit unterschiedlichen Eigenschaften = Diffusion welding of different materials = Erinevate materjalide difusioonkeevitus

Dahms, Steffen 2011 <https://digi.lib.ttu.ee/i/?605>

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 <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.77>

Disintegrator milling system development and milling technologies of different materials =

Desintegraatorjahvatussüsteemi arendus ja erinevate materjalide desintegraatorjahvatustehnoloogiad

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

Disintegrators and disintegrator treatment of materials

Goljandin, Dmitri; Kulu, Priit 2015

Duplex TiN coating on stainless steel : an electrochemical and surface analysis study : doctoral thesis

Rudenja, Sergei 1999 https://www.ester.ee/record=b1330948*est

Duplex treatment of steel surface = Teras pinna duplekstöötlus

Surženkov, Andrei 2011

Durability of complex shape punch in thick sheet metal fine-blanking

Veinthal, Renno; Peetsalu, Priidu; Saarna, Mart; Talkop, Adolf European Conference on Heat Treatment and 21st IFHTSE Congress : May, 12th-15th, 2014, Munich, Germany : proceedings 2014 / p. 399-406 : ill

Eesti 100 % elektromobiilseks

Simson, Taavi Äripäev 2015 / lk. 15 <https://www.aripaev.ee/arvamused/2015/01/24/eesti-100-elektromobiilseks>

Eesti ja Läti ülikoolide ja tööstuse sidemed mehaanikas

Kulu, Priit Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 57-60

Eesti Keevitusühing

Laansoo, Andres Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1996 / 1, lk. 7; 2, lk. 7 https://www.ester.ee/record=b5668719*est

Eesti Masinatööstuse Liit. TTÜ mehaanikateaduskond 80

2016 https://www.ester.ee/record=b4577314*est

Effect of alloying additives on impact-abrasive wear of manual arc welded hadfield steel hardfacings

Jankauskas, Vytenis; Antonov, Maksim; Katinas, Egidijus; Gedzevicius, I. Journal of friction and wear 2016 / p. 170-178 : ill <http://dx.doi.org/10.3103/S1068366616020185>

Effect of atomic layer deposited aluminium oxide on mechanical properties of porous silicon carbide

Jõgiaas, Taivo; Kollo, Lauri; Kozlova, Jekaterina; Tamm, Aile; Hussainova, Irina; Kukli, Kaupo Ceramics international 2015 / p. 7519-7528 : ill <http://dx.doi.org/10.1016/j.ceramint.2015.02.074>

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 (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 239-243 : ill <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.239>

Effect of basalt and silica additives on erosive wear resistance of cast ceramics

Baroninš, Janis; Antonov, Maksim; Ivanov, Roman; Shuliak, Volodymyr; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2016 / p. 144-151 : ill <http://dx.doi.org/10.3176/proc.2016.2.05> https://artiklid.elnet.ee/record=b2768221*est

Effect of basalt reinforcement type and content on the abrasive wear behaviour of polymer composites

Antonov, Maksim; Kers, Jaan; Liibert, Laura; Shuliak, Volodymyr; Smirnov, Anton; Bartolome, Jose F. 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. 181-188 : ill <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.181>

Effect of carbide phase and binder chemical composition on surface fatigue of carbide composites [Electronic resource]

Petrov, Mihail; Kübarsepp, Jakob; Sergejev, Fjodor; Viljus, Mart Euro PM2015 Congress & Exhibition : proceedings : 4-7 October 2015, Reims Congress Centre, Reims, France 2015 / [6] p. : ill. [USB]

Effect of grain growth inhibitors VC/Cr₃C₂ on WC-ZrO₂-Ni composite mechanics

Yung, Der-Liang; Dong, Minjie; Hussainova, Irina Engineering materials & tribology XXII 2014 / p. 106-109

Effect of hard cyclic viscoplastic deformation on phases chemical composition and micromechanical properties evolution in single crystal Ni-based superalloy

Kommel, Lembit Acta physica polonica A 2015 / p. 681-683 : ill <http://dx.doi.org/10.12693/APhysPolA.128.681>

Effect of hot isostatic pressing on cellular lattice structures obtained by selective laser melting [Electronic resource]

Holovenko, Yaroslav; Kollo, Lauri; Jöeleht, Marek; Pohlak, Meelis; Veinthal, Renno World PM2016 proceedings 2016 / [USB]

Effect of loading system inertia on tribological behaviour of ceramic–ceramic, ceramic–metal and metal–metal dry sliding contacts

Antonov, Maksim; Hussainova, Irina; Adoberg, Eron Tribology international 2013 / p. 207-214 : ill

Effect of milling time on dual-nanoparticulate-reinforced aluminum alloy matrix composite materials

Kwon, Hansang; **Saarna, Mart**; Yoon, Songhak; Weidenkaff, Anke; Leparoux, Marc Materials science and engineering : A 2014 / p. 338-345 <https://doi.org/10.1016/j.msea.2013.10.046>

Effect of nanocrystalline diamond films deflection on wear observed in reciprocating sliding tests

Podgurski, Vitali; Bogatov, Andrei; Sobolev, S.; Viljus, Mart; Sedov, V.; Ashkinazi, E.; Ralchenko, V. Journal of coating science and technology 2016 / p. 109-115 : ill <http://dx.doi.org/10.6000/2369-3355.2016.03.03.2>

Effect of new superhard phases formation on properties of composite processed by SHS

Kommel, Lembit; Tamm, Toomas; Metsvahi, Raido Engineering materials and tribology 2013 / p. 137-142

Effect of oxidation on erosive wear behaviour of boiler steels

Antonov, Maksim; Veinthal, Renno; Huttunen-Saarivirta, E.; Hussainova, Irina; Vallikivi, Ahto; Lelis, Martynas; Priss, Jelena Tribology international 2013 / p. 35-44 : ill

Effect of oxidation on sliding wear behavior of NiCrSiB-TiB₂ plasma sprayed coatings

Umanskii, A.; **Hussainova, Irina**; Storoženko, M.; Terentyev, O.; **Antonov, Maksim** Engineering materials & tribology XXII 2014 / p. 16-19

Effect of sintering conditions on microstructure and performance of TiC-FeCrMn cermets [Electronic resource]

Kolnes, Märt; Kübarsepp, Jakob; Viljus, Mart; Traksmäa, Rainer; Illopmägi, Siim World PM2016 proceedings 2016 / [7] p. : ill. [USB]

Effect of SiO₂ and PTFE additives on dry sliding of NiP electroless coating

Gutsev, D.; **Antonov, Maksim; Hussainova, Irina**; Grigoriev, A.Y. Tribology international 2013 / p. 295-302 : ill

Effect of temperature on sliding and erosive wear of fiber reinforced polyimide hybrids

Zhao, Gai; Hussainova, Irina; Antonov, Maksim; Wang, Qihua; Wang, Tingmei; **Yung, Der-Liang** Tribology international 2015 / p. 525-533 : ill <http://dx.doi.org/10.1016/j.triboint.2014.01.019>

Effect of TiB₂ additives on wear behavior of NiCrBSi-based plasma-sprayed coatings

Umanskyi, Oleksandr; Storozhenko, Maryna; **Hussainova, Irina**; Terentjev, Oleksandr; Kovalchenko, Andrey; **Antonov, Maksim**
Materials science = Medžiagotyra 2016 / p. 15-19 : ill <http://dx.doi.org/10.5755/j01.ms.22.1.7307>

Effect of WC grain size and content on erosive wear of manual arc welded hardfacings with low-carbon ferritic-pearlitic steel or stainless steel matrix

Katinas, Egidijus; **Antonov, Maksim**; Jankauskas, Vytenis; Skirkus, Remigijus 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. 213-218 : ill <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.213>

Effect of WC grain size and content on low stress abrasive wear of manual arc welded hardfacings with low-carbon or stainless steel matrix

Jankauskas, Vytenis; **Antonov, Maksim**; Varnauskas, Valentinas; Skirkus, Remigijus; **Goljandin, Dmitri** Wear 2015 / p. 378-390 : ill <http://dx.doi.org/10.1016/j.wear.2015.02.063>

The effect of wood flour fraction size on the properties of wood-plastic composites

Kängsepp, Kärt; **Poltimäe, Triinu**; Liimand, K.; **Kallakas, Heikko**; **Süld, Tiia-Maaja**; **Repeshova, Irina**; **Goljandin, Dmitri**; **Kers, Jaan** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 366-371

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

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

Elaboration of sol-gel derived TiC-CNTs composite

Hussainova, Irina; Umalas, Madis; Lõhmus, Ants; **Voltšihhin, Nikolai** 38th International Conference & Exposition on Advanced Ceramics and Composites : abstract book : January 26-31, 2014, Daytona Beach, Florida 2014 / p. 116

Elastic models of defects in two-dimensional crystals

Kolesnikova, Anna; Orlova, T.; **Hussainova, Irina**; Romanov, Alexey Physics of the solid state 2014 / p. 2573-2579 : ill

Electrical conductivity and mechanical properties of Cu-0.7wt% Cr and Cu-1.0wt% Cr alloys processed by severe plastic deformation

Kommel, Lembit; **Pokatilov, Andrei** IOP conference series : materials science and engineering 2014 / p. 1-7 : ill

Electromagnetic shielding properties of ceramic spheres coated with paramagnetic metal

Koppel, Tarmo; Shiskin, A.; **Hussainova, Irina**; Haldre, Heldur; **Tint, Piia** Agronomy research 2016 / p. 1015-1022 : ill http://ise.elnet.ee/record=b2891940~S1*est

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

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

Embedded electronics influence on the strength of carbon fiber laminate

Herranen, Henrik; **Kers, Jaan**; **Preden, Jürjo-Sören**; **Talalaev, Robert**; **Eerme, Martin**; **Majak, Jüri**; **Lend, Henri**; **Allikas, Georg** Advances in applied materials and electronics engineering III 2014 / p. 239-243

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Eesti Masinatööstuse Liit. TTÜ mehaanikateaduskond 80 2016 / lk. 7-15 : portr

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>

Enhancing of corrosion resistance of steel-bonded hardmetals in acid conditions

Kübarsepp, Jakob; **Kallast, Vambola**; **Annuka, Harri** Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 37-38 https://www.ester.ee/record=b1492085*est

Environment friendly and materials saving surface technologies

Kulu, Priit Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 39-40 https://www.ester.ee/record=b1492085*est

Erosion wear of reactive sintered WC-TiC-Co cermets

Tarraste, Marek; **Juhani, Kristjan**; **Pirso, Jüri**; **Viljus, Mart** Engineering materials & tribology XXII 2014 / p. 63-66

Erosion wear testing of boiler steels at elevated temperatures

Priss, Jelena; Klevtsov, Ivan; Dedov, Andrei; Antonov, Maksim 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 248-250 : ill

Erosions und Bruchfestigkeit von TIC-stahl Verbundwerkstoffen

Valdma, Leo; Kübarsepp, Jakob; Annuka, Harri IX Internationale Pulvermetallurgische Tagung in der DDR : Sintern, Phänomene, Technologien und Werkstoffe, Dresden, 23. bis 25. 10. 1989 1989 / s. 209

Erosive wear of boiler steels by sand and ash

Huttunen-Saarivirta, E.; Kinnunen, H.; Tuiremo, J.; Uusitalo, M.; **Antonov, Maksim** Wear 2014 / p. 213-224 : ill

Estonian education system and the influence of digitalization : welcome address

Veinthal, Renno Management Education for a Digital World : proceedings of the 24th CEEMAN Annual Conference : 28-30 September 2016, Tallinn, Estonia 2016 / p. 8-9 : portr

Evolution of TiN coating surface roughness during physical vapor deposition on high speed steel substrate

Kupchenko, Leonid; Tali, Rauno; Adoberg, Eron; Mikli, Valdek; Podgurski, Vitali Engineering materials & tribology XXII 2014 / p. 67-70

Exothermically synthesized B4C-Al composites for dry sliding = Eksotermiliselt sünteesitud B4C-Al komposiidid tööks liugehõõrdumise tingimustes

Kimmari, Eduard 2008 https://www.ester.ee/record=b2413238*est

Experience of continuing professional development of mechanical engineers in Estonia

Kübarsepp, Jakob; Kiili, Jaanus The 4th European Forum for Continuing Engineering Education, Trondheim, Norway, 9-11 June, 1999 : proceedings 1999 / p. 221-227

Fabrication and microstructural analysis of didymium-iron-boron magnet alloys with cerium additions

Mural, Zorjana; Kolnes, Märt; Afshari, Hossein; Kollo, Lauri; Link, Joosep; Veinthal, Renno Proceedings of the Estonian Academy of Sciences 2016 / p. 166-171 : ill <http://dx.doi.org/10.3176/proc.2016.2.02> https://artiklid.elnet.ee/record=b2768229*est

Fabrication of alumina nanocomposites reinforced by a novel type of alumina nanofiber and graphene coated alumina nanofiber

Drozdova, Maria; Ivanov, Roman; Aghayan, Marina; Hussainova, Irina; Dong, Minjie; Rodriguez, Miguel Angel Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 337-341 : ill

Fabrication of NiO/NiAl₂O₄ nanofibers by combustion method

Aghayan, Marina; 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. 31-34 : ill <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.31>

Faculty of Mechanical Engineering 2014

2014 https://www.ester.ee/record=b3063603*est

Faculty of Mechanical Engineering 2015

2015 http://www.ester.ee/record=b4520528*est

Fatigue characteristics of PM steels = Pulberteraste väsimuskarakteristikud

Saarna, Mart 2008 https://www.ester.ee/record=b2413163*est

Fatigue performance and mechanical reliability of cemented carbides

Preis, Irina 2004 https://www.ester.ee/record=b1994273*est

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>

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

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

Foreign object induced fiber undulation influence on mechanical properties of composite laminate

Herranen, Henrik; Lend, Henri; Kuusik, Alar; Czichon, Steffen; Kers, Jaan; Piirlaid, Marko International Conference on Composite Materials 2013 (ICCM-19) : Montreal, Quebec, Canada, 28 July-2 August 2013 : [proceedings] 2013 / p. 837-844

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

Besterici, 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 <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.165>

Friction and wear of fiber reinforced polyimide composites

Zhao, Gai; Hussainova, Irina; Antonov, Maksim; Wang, Qihua; Wang, Tingmei Wear 2013 / p. 122-129 : ill

Friction and wear of fiber reinforced polyimide composites

Zhao, Gai; Hussainova, Irina; Antonov, Maksim; Wang, Qihua; Wang, Tingmei; **Veinthal, Renno** 19th International Conference on Wear of Materials : Portland, Oregon, USA, 14-18 April 2013 : conference abstracts 2013 / [p. 92]

Functionalization of alumina nanofibers with metal oxides = Alumiiniumoksiidnanokiudude funktsionaliseerimine metalloksiididega

Aghayan, Marina 2016 http://www.ester.ee/record=b4560629*est

Functionalization of gamma-alumina nanofibers by alpha-alumina via solution combustion synthesis

Aghayan, Marina; Voltšihhin, Nikolai; Rodriguez, Miguel Angel; Rubio-Marcos, Fernando; **Dong, Minjie; Hussainova, Irina** Ceramics international 2014 / p. 12603-12607 : ill

Graphene coated alumina nanofibers as zirconia reinforcement

Ivanov, Roman; Hussainova, Irina; Aghayan, Marina; Petrov, Mihhail Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 348-353 : ill

Graphene covered alumina nanofibers as toughening agent in alumina ceramics

Hussainova, Irina; Drozdova, Maria; Aghayan, Marina; Ivanov, Roman; Perez-Coll, Domingo 13th International Ceramics Congress. Part B 2014 / p. 49-53

Graphene-augmented nanofiber scaffolds demonstrate new features in cells behaviour

Kazantseva, Jekaterina; **Ivanov, Roman;** Gasik, Michael; Neumann, Toomas; **Hussainova, Irina** Scientific reports 2016 / art. 30150, p. 1-8 : ill <http://dx.doi.org/10.1038/srep30150>

Graphene-encapsulated aluminium oxide nanofibers as a novel type of nanofillers for electroconductive ceramics

Ivanov, Roman; Hussainova, Irina; Aghayan, Marina; Drozdova, Maria; Perez-Coll, Domingo; Rodriguez, Miguel Angel; Rubio-Marcos, Fernando Journal of the European Ceramic Society 2015 / p. 4017-4021 : ill <http://dx.doi.org/10.1016/j.jeurceramsoc.2015.06.011>

Growth dynamics of nanocrystalline diamond films produced by microwave plasma enhanced chemical vapor deposition in methane/hydrogen/air mixture : scaling analysis of surface morphology

Podgurski, Vitali; Bogatov, Andrei; Sedov, V.; Sildos, Ilmo; **Mere, Arvo; Viljus, Mart;** Buijnsters, J. G.; Ralchenko, V. Diamond and related materials 2015 / p. 172-179 : ill <http://dx.doi.org/10.1016/j.diamond.2015.07.002>

Hard metals serviceability in sheet metal forming operations

Reshetnjak, Heinrich 1996 http://www.ester.ee/record=b1070449*est

Hard PVD coatings for tooling = PVD kõvapinded tööriistamajanduses

Gregor, Andre 2010 <https://digi.lib.ttu.ee/i/?495> https://www.ester.ee/record=b2607112*est

Hardfacings for extreme wear applications

Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Saarna, Mart; Tarraste, Marek; Viljus, Mart Surface Modification Technologies XXVIII : proceedings of the Twenty Eighth International Conference on Surface Modification Technologies : Tampere University of Technology, Tampere, Finland, June 16-18, 2014 2015 / p. 149-157 : ill

Hardness of multi wall carbon nanotubes reinforced aluminium matrix

Bradbury, Christopher R.; **Gomon, Jaana-Kateriina; Kollo, Lauri;** Kwon, Hansang; Leparoux, Marc Journal of alloys and compounds 2014 / p. 362-367 : ill

Heat treatment of ultrafine grained AA6061 consolidation by equal channel angular pressing

Pramono, Agus; Kollo, Lauri; Kallip, Kaspar; Veinthal, Renno; Gomon, Jaana-Kateriina Instrumentation and measurement systems 2015 / p. 252-256 <http://dx.doi.org/10.4028/www.scientific.net/AMM.771.252>

Heino Lepikson 100

2014 https://www.ester.ee/record=b3061745*est

High temperature cyclic impact/abrasion testing of boiler steels

Priss, Jelena; Klevtsov, Ivan; Dedov, Andrei; Antonov, Maksim; Rojacz, Harald; Badisch, Ewald Engineering materials & tribology XXII 2014 / p. 289-292

High temperature erosion wear of cermet particles reinforced self-fluxing alloy HVOF sprayed coatings

Surženkov, Andrei; Goljandin, Dmitri; Traksmaa, Rainer; Viljus, Mart; Talviste, Kristofer; Aruniit, Aare; Latokartano, Jyrki; Kulu, Priit Medžiagotyra = Materials science 2015 / p. 386-390 : ill <http://dx.doi.org/10.5755/j01.ms.21.3.7617>

High temperature wear of cermet particle reinforced NiCrBSi hardfacing

Zikin, Arkadi; Antonov, Maksim; Hussainova, Irina Tribology international 2013 / p. 45-55 : ill

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

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

High-temperature erosion of Fe-based coatings reinforced with cermet particles

Surženkov, Andrei; Antonov, Maksim; Goljandin, Dmitri; Kulu, Priit; Viljus, Mart; Traksmaa, Rainer; Mere, Arvo Surface engineering 2016 / p. 624-630 : ill <http://dx.doi.org/10.1080/02670844.2016.1145377>

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

Hoonete insenerivõrgud ja -seadmed. Küte ja ventilatsioon : kursuseprojekti koostamise juhised ehitustehnika liini üliõpilastele

1995

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

Hybrid graphene/alumina nanofibers for electroconductive zirconia

Drozdova, Maria; Perez-Coll, Domingo; Aghayan, Marina; Ivanov, Roman; Rodriguez, Miguel Angel; 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. 15-20 : ill
<http://dx.doi.org/10.4028/www.scientific.net/KEM.674.15>

Hybrid syntactic foams of metal - fly ash cenosphere - clay

Shishkin, Andrei; Mironovs, Viktors; Zemchenkov, Vjacheslav; Antonov, Maksim; 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. 35-40 : ill
<http://dx.doi.org/10.4028/www.scientific.net/KEM.674.35>

Impact and sliding wear properties of single layer, multilayer and nanocomposite physical vapour deposited (PVD) coatings on the plasma nitrided low-alloy 42CrMo4 steel

Surženkov, Andrei; Adoberg, Eron; Põdra, Priit; Sergejev, Fjodor; Mere, Arvo; Viljus, Mart; Mikli, Valdek; Antonov, Maksim; Kulu, Priit Engineering materials and tribology 2013 / p. 223-228 : ill

Impact grinding and disintegrators

Tamm, Boris, inform.; Tümanok, Aleksei Proceedings of the Estonian Academy of Sciences. Engineering 1996 / p. 209-223
https://www.ester.ee/record=b1072098*est

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 (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 308-312 : ill
<http://dx.doi.org/10.4028/www.scientific.net/KEM.674.308>

Influence of different reinforcing particles on the scratch resistance and microstructure of different WC-Ni composites

Marou Alzouma, O.; Azman, M.-A.; Yung, Der-Liang; Fridrici, V.; Kapsa, Ph. Wear 2016 / p. 130-135 : ill
<http://dx.doi.org/10.1016/j.wear.2016.02.011>

Influence of hard cyclic viscoplastic deformation on chemical composition and micromechanical properties of phases of

single crystal Ni-base superalloys

Kommel, Lembit 13th International Symposium on Physics of Materials : ISPM 13 : Prague 31.8-4.9.2014 : the book of abstracts 2014 / [1] p

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

Influence of laser hardening to the sliding wear resistance of the PVD (Al,Ti)N-G and nACo® coatings

Surženkov, Andrei; Adoberg, Eron; Antonov, Maksim; Sergejev, Fjodor; Mikli, Valdek; Viljus, Mart; Latokartano, Jyrki; **Kulu, Priit** Engineering materials & tribology XXII 2014 / p. 28-31

Influence of microstructure and chemical composition on toughness and wear resistance of carbide composites

Petrov, Mihhail TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Influence of microstructure and strengthening mechanism of AlMg5-Al2O3 nanocomposites prepared via spark plasma sintering

Babu, N. Kishore; **Kallip, Kaspar;** Leparoux, Marc Materials & design 2016 / p. 534-544 : ill

<http://dx.doi.org/10.1016/j.matdes.2016.01.138>

Influence of pressurized sintering on the performance of TiC-based cermets

Kübarsepp, Jakob; Klaasen, Heinrich; Tsinjan, Aleksei; Juhani, Kristjan; Kollo, Lauri; Viljus, Mart Engineering materials and tribology 2013 / p. 56-61

Influence of sintering technology on cermet performance

Kübarsepp, Jakob; Pirso, Jüri; Juhani, Kristjan BALTTTRIB'2013 : VII International Scientific Conference : 14-15 November 2013, Kaunas, Lithuania : proceedings 2013 / p. 56-61

Influence of surface morphology on the tribological behavior of diamond-like carbon coating

Podgurski, Vitali; Bogatov, Andrei; Freund, Martin; **Kulu, Priit** Engineering materials and tribology 2013 / p. 83-91 : ill

Inseneripedagoogika - mõjusam õpetus STEM-valdkonnas

Rüütman, Tiia; Kübarsepp, Jakob Õpetajate Leht 2016 / lk. 13 https://artiklid.elnet.ee/record=b2762809*est

<https://opleht.ee/2016/04/inseneripedagoogika-mojusam-opetus-stem-valdkonnas/>

Intermediate and low radiofrequency electromagnetic field transmission properties in case of common building materials [Online resource]

Koppel, Tarmo; Shishkin, Andrei; Toropovs, Nikolajs; Haldre, Heldur; **Hussainova, Irina;** Mironovs, Viktors; **Tint, Piia** 2016 57th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : October 13, 14, 2016 : conference proceedings 2016 / [6] p. : ill <https://doi.org/10.1109/RTUCON.2016.7763144>

Introduction

Melikov, Enn Tallinna Tehnikaülikooli ülevaated. K, Chemistry = Reports of Tallinn Technical University. K, Chemistry = Отчеты Таллинского технического университета. K, Chemistry : Chair of Semiconductor Materials Technology : activity report 1988-1993 1994 / p. 5 https://www.ester.ee/record=b1065473*est

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 morphology changes on nanocrystalline diamond film surfaces during reciprocating sliding against Si3N4 balls

Bogatov, Andrei; Podgurski, Vitali; Raadik, Taavi; Kamjula, A. R.; Hantschel, Thomas; Tsigkourakos, M.; **Kulu, Priit** Engineering materials & tribology XXII 2014 / p. 126-129

Investigation of residual stresses and some elastic properties of brush-plated gold and silver galvanic coatings

Lille, Harri; Kõo, Jakub; Rjabtšikov, Aleksander; Reitsnik, Renno; **Veinthal, Renno; Mikli, Valdek; Sergejev, Fjodor** Engineering materials and tribology 2013 / p. 125-130 : ill

Investigation of residual stresses in flame sprayed Ni-based wear resistant coatings by the hole-drilling and X-ray methods

Ryabchikov, Alexander; Lille, Harri; Reitsnik, Renno; Toropov, Stanislav; **Surženkov, Andrei; Kulu, Priit** International Conference on Residual Stresses 9 (ICRS 9) : selected, peer reviewed papers from the 9th International Conference on Residual Stresses (ICRS 9), October 7-9, 2012, Garmisch-Partenkirchen, Germany 2014 / p. 144-149

Investigation of severe plastic deformation processes for aluminum based composites = Alumiiniumi baasil komposiidide

süvaplatsse deformatsiooni protsesside uurimine

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

Investigation of some properties of brush-plated gold and silver galvanic coatings

Lille, Harri; Kõo, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; Mikli, Valdek; Sergejev, Fjodor Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013 2013 / p. 101-107 : ill

Investigation of the fatigue mechanics aspects of PM hardmetals and cermets = Pulberkõvasulamite ja -kermiste väsimusmehaanika aspektide uurimine

Sergejev, Fjodor 2007 https://www.ester.ee/record=b2350243*est

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

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

Ka karastatud klaas on klaas

Kulu, Priit Inseneria 2014 / lk. 8-9 : ill https://artiklid.elnet.ee/record=b2687412*est

Karbiidteraste kulumiskindlus abrasiivjoas : magistritöö : (vene keeles)

Annuka, Harri 1992 http://www.ester.ee/record=b2488716*est

Kas Eestile on tarvis oma metallurgiatööstust?

Kulu, Priit Insenerikultuur Eestis. 1 1992 / lk. 71-75 https://www.ester.ee/record=b1063622*est

Katsetus- ja kalibreerimistegevus mehaanika ja metroloogia katselaboris

Päärsoo, Riho TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit 2011 / lk. 74-78 : fot http://www.ester.ee/record=b2720689*est

Keevisõbluste mittepurustav katsetamine [Võrguteavik] : kapillaarkatse. Aktsepteerimise tasemed = Non-destructive testing of welds : penetrant testing. Acceptance levels (ISO 23277:2015)

2015 http://www.ester.ee/record=b4532450*est

Keevisõbluste mittepurustav katsetamine [Võrguteavik] : katsetamine ultraheliga. Meetodid, katsetamise tasemed ja hindamine = Non-destructive testing of welds : ultrasonic testing. Techniques, testing levels, and assessment (ISO 17640:2010)

2015 http://www.ester.ee/record=b4456155*est

Keevisõbluste mittepurustav katsetamine [Võrguteavik] : magnetpulberkatse. Aktsepteerimise tasemed = Non-destructive testing of welds : magnetic particle testing. Acceptance levels (ISO 23278:2015)

2015 http://www.ester.ee/record=b4532453*est

Keevitajate atesteerimine : sulakeevitus. Osa 1, Terased = Qualification test of welders : fusion welding. Part 1, Steels

2013 https://www.ester.ee/record=b2908427*est

Keevitamine : MIG/MAG-keevitus

Laansoo, Andres 2014 https://www.ester.ee/record=b3071456*est

Keevitus ja külgnevad protsessid [Võrguteavik] : keevisliidete tähistamine tingmärkidega joonistel = Welding and allied processes : symbolic representation on drawings. Welded joints (ISO 2553:2013)

2015 http://www.ester.ee/record=b4478056*est

Keevitus ja külgnevad protsessid [Võrguteavik] : protsesside nomenklatuur ja viitenumbrid = Welding and allied processes : nomenclature of processes and reference numbers (ISO 4063:2009, Corrected version 2010-03-01)

2016 http://www.ester.ee/record=b4604543*est

Keevitus [Võrguteavik] : terase, nikli, titaani ja nende sulamite sulakeevitusliited (välja arvatud kiirguskeevituse meetodid) ; Kvaliteeditasemed keevitusdefektide järgi = Welding : fusion-welding joints in steel, nickel, titanium and their alloys (beam welding excluded) ; Quality levels for imperfections (ISO 5817:2003)

2015 http://www.ester.ee/record=b4502650*est

Keevituse vooluallikate valik ja koormatavus

Laansoo, Andres Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1997 / lk. 4-5 https://www.ester.ee/record=b5668719*est

Keevitusinverterid

Laansoo, Andres Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1996 / lk. 10-11 : ill https://www.ester.ee/record=b5668719*est

Keevitusematerjalid : standardid, markeering, koostis, omadused : [käsiraamat]

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

Keevitustehnoloogia

Laansoo, Andres 2011 http://www.ester.ee/record=b2738782*est

Keevitustööd : õppematerjal kutsekoolidele

Laansoo, Andres; Pihl, Toomas 2014 https://www.ester.ee/record=b4443922*est

Kellest saab TTÜ uus rektor? : Mente et Manu küsib

Aaviksoo, Jaak; **Kübarsepp, Jakob; Salupere, Andrus**; Ustav, Mart Mente et Manu 2015 / lk. 4-8 : fot
https://artiklid.elnet.ee/record=b2718124*est

Kempomig seeria keevitusseadmed; Multisüsteemsed PSS-seeria keevituse vooluallikad

Laansoo, Andres Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1996 / lk. 4-6: ill https://www.ester.ee/record=b5668719*est

"Kitsas" ja "lai" matemaatika

Kübarsepp, Jakob Postimees 2014 / lk. 13

Kolm küsimust doktoriõppe süsteemi kohta

Kirm, Marco; **Veinthal, Renno**; Niglas, Katrin; Jaakma, Ülle Sirp 2016 / lk. 36-37 <http://www.sirp.ee/s1-artiklid/c21-teadus/kolm-kusimust-doktoriõppe-süsteemi-kohta/>

Komposiitmaterjalid

Arensburger, Daniil 2005 http://www.ester.ee/record=b2033458*est

Komposiitmaterjalid : täienduskursus : november 2007 - jaanuar 2008

Veinthal, Renno 2008 https://www.ester.ee/record=b4652765*est

Konstruksioonimaterjalide mehaanika : täienduskursus : jaanuar 2008 - märts 2008 : põhineb projektil "Täiendkoolitus- ja e-õppe süsteemi väljaarendamine materjali-tehnoloogidele ja kvaliteediinseneridele polümeer- ja komposiitmaterjalide valdkonnas Põhjamaade ja Euroopa tehnikaülikoolide kogemustest lähtudes"

Saarna, Mart 2008? https://www.ester.ee/record=b4652774*est

Kuidas hoiduda arengulõksust?

Veinthal, Renno; Lopp, Margus; Kattel, Rainer; Öpik, Andres; Kamratov, Ardo Mente et Manu 2014 / lk. 4-7 : fot
https://www.ester.ee/record=b1242496*est

Kuumstantsiste projekteerimine : metoodiline materjal

1992 https://www.ester.ee/record=b1063345*est

Laboratoorsete tööde juhendid metalliõpetuses

1996 https://www.ester.ee/record=b1058051*est

Laboratoorsete tööde juhendid metalliõpetuses. II

1998 https://www.ester.ee/record=b1207471*est

Laboratory testing of materials for tunnel boring machine drag bits

Katušin, Dmitri; Antonov, Maksim; Vu, Trieu Minh; Yung, Der-Liang 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 300-303 : ill

Laser ablation and thermal evaporation of thin films and structures

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

Low temperature, spark plasma sintering behavior of zirconia added by a novel type of alumina nanofibers

Voltšihhin, Nikolai; Rodriguez, Miguel Angel; Hussainova, Irina; Aghayan, Marina Ceramics international 2014 / p. 7235-7244 : ill

Maailma ja Eesti kõrghariduse trendid

Kübarsepp, Jakob Elektriala 2015 / lk. 8-10 : fot https://artiklid.elnet.ee/record=b2740336*est

Malmi keevitamine

Laansoo, Andres Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1997 / lk. 8 https://www.ester.ee/record=b5668719*est

Mapping of impact-abrasive wear performance of WC-Co cemented carbides

Antonov, Maksim; Veinthal, Renno; Yung, Der-Liang; Katušin, Dmitri; Hussainova, Irina Wear 2015 / p. 971-978 : ill
<http://dx.doi.org/10.1016/j.wear.2015.02.031>

Masinaehitus ja metallitööstus läbi aegade

Kulu, Priit Eesti Masinatööstuse Liit. TTÜ mehaanikateaduskond 80 2016 / lk. 26-46 : ill

Masinaehitusmaterjalid. VI, Terase markeerimise põhimõtteid : metoodiline materjal

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

Masinatööstuse erialaliidud Eestis (EML 80)

Höbemägi, Aleksei; **Kulu, Priit; Riives, Jüri** Eesti Masinatööstuse Liit. TTÜ mehaanikateaduskond 80 2016 / lk. 16-25 : ill

Materjaliteadus [TTÜs]

Kulu, Priit 75 aastat Tallinna Tehnikaülikooli 1994 / lk. 46-51 https://www.ester.ee/record=b1066846*est

Materjaliteaduse hetkeseisust Eestis

Kulu, Priit Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 257
https://www.ester.ee/record=b1052731*est

Materjaliteaduse koolkonnad Tehnikaülikoolis

Kulu, Priit Insenerikultuur Eestis. 2 1995 / lk. 79-83: ill https://www.ester.ee/record=b1063622*est

Materjalitehnika : õpik kõrgkoolidele. 1

Kulu, Priit; Kübarsepp, Jakob; Laansoo, Andres; Veinthal, Renno 2015 https://www.ester.ee/record=b4459279*est

Materjalitehnika : õpik kõrgkoolidele. 2

Kulu, Priit; Kübarsepp, Jakob; Laansoo, Andres; Veinthal, Renno 2015 https://www.ester.ee/record=b4459287*est

Materjalitehnika : õpperaamat

Hendre, Enn; Kulu, Priit; Kübarsepp, Jakob; Metusala, Tiit; Tapupere, Olev 2003 http://www.ester.ee/record=b1809587*est

Materjalitehnika instituudi teadustegevus : kaasaegsed multifunktsionaalsed materjalid ja nende rakendused

Veinthal, Renno TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit 2011 / lk. 43-52 : ill., fot
http://www.ester.ee/record=b2720689*est

Materjalitehnika instituut

Kulu, Priit; Sergejev, Fjodor Mehaanikainseneride koolitus 1998-2016 2016 / lk. 92-115 : ill., fot
https://www.ester.ee/record=b4640989*est

Materjalitehnika seletav sõnaraamat : eesti, inglise, vene

Kübarsepp, Jakob; Kulu, Priit; Laansoo, Andres; Karjust, Kristo; Saarna, Mart 2013 http://www.ester.ee/record=b2931759*est

Materjalitehnika seletav sõnaraamat : eesti-inglise-vene

Kübarsepp, Jakob; Kulu, Priit; Laansoo, Andres; Karjust, Kristo; Saarna, Mart 2014 http://www.ester.ee/record=b4763202*est

Materjalitehnika seletav sõnaraamat : eesti-inglise-vene

Kübarsepp, Jakob; Kulu, Priit; Laansoo, Andres 2014 http://www.ester.ee/record=b4763379*est

Materjalitehnika seletav sõnaraamat : inglise-eesti terminite register

2014 http://www.ester.ee/record=b4763208*est

Materjalitehnika seletav sõnaraamat : vene-eesti terminite register

2014 http://www.ester.ee/record=b4763209*est

Materjalitehnika. Tehnoloogiaprotsessid : laboratoorsete ja kodutööde juhendid

2008 http://www.ester.ee/record=b2358983*est

Materjaliõpetus : juhendmaterjalid ja ülesanded materjalitehnika bakalaureuseõppe materjaliõpetuse kodu-, aine- ja lõputöödeks

2003 http://www.ester.ee/record=b1824518*est

Materjaliõpetuse laboratoorsete tööde juhend

2007 https://www.ester.ee/record=b2229760*est

Materjaliõpetuse praktikumide ja kodutööde juhendid

2010 https://www.ester.ee/record=b2624752*est

Measurement of geometry of small axisymmetric sheet metal component after forming

Lend, Henri; Ratas, Kaarin; Peetsalu, Priidu Medžiagotyra = Materials science 2015 / p. 473-478 : ill <http://dx.doi.org/10.5755/j01.ms.21.3.7384>

Measurement of residual stresses in the cold-rolled Fe-Ni-Mn/Invar thermo-bimetallic plate

Lille, Harri; Kõo, Jakob; Valgur, Jaak; Ryabchikov, Alexander; Reitsnik, Renno; **Veinthal, Renno** International Conference on Residual Stresses 9 (ICRS 9) : selected, peer reviewed papers from the 9th International Conference on Residual Stresses (ICRS 9), October 7-9, 2012, Garmisch-Partenkirchen, Germany 2014 / p. 101-106

Mechanical and physical properties of thermally modified wood flour reinforced polypropylene composites

Kallakas, Heikko; Martin, M.; Goljandin, Dmitri; Poltimäe, Triinu; Krumme, Andres; Kers, Jaan Agronomy research 2016 / p. 994-1003 : ill http://ise.elnet.ee/record=b2891902~S1*est

Mechanical properties of aluminum, zirconium, hafnium and tantalum oxides and their nanolaminates grown by atomic layer deposition

Jõgiaas, Taivo; Zabels, Roberts; Tamm, Aile; Merisalu, Maido; **Hussainova, Irina** Surface and coatings technology 2015 / p. 36-42 : ill <http://dx.doi.org/10.1016/j.surfcoat.2015.10.008>

Mechanical treatment of metal wastes

Kulu, Priit; Tümanok, Aleksei; Arensburger, Daniil Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 7-8 https://www.ester.ee/record=b1492085*est

Mehaanikainseneri käsiraamat

2015

Mehaanikainseneri käsiraamat

2013 https://www.ester.ee/record=b3007631*est

Mehaanikainseneride koolitus 1998-2016

2016 https://www.ester.ee/record=b4640989*est

Mehaanikateaduskond

2013 http://www.ester.ee/record=b2960912*est

Mehaanikateaduskond = Faculty of Mechanical Engineering

2009 https://www.ester.ee/record=b2545318*est

Mehaanikateaduskond 75 : [ettekanne juubeliaktusel 30. septembril TTÜ aulas]

Otto, Tauno; Kulu, Priit Tallinna Tehnikaülikooli aastaraamat 2011 2012 / lk. 37-45

Mehaanikateaduskond 2008

2008 https://www.ester.ee/record=b2421266*est

Mehaanikateaduskond 2011

Otto, Tauno; Kulu, Priit TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit 2011 / lk. 26-32 http://www.ester.ee/record=b2720689*est

Mehaanikateaduskonna hetkeseisust ja tulevikust : [ettekanne mehaanikainseneride päeval 27. septembril 2013 TTÜs]

Otto, Tauno; Sergejev, Fjodor Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 191-193

Mehaanikateaduskonna roll Eesti masinatööstuses

Kulu, Priit Eesti Masinatööstuse Liit 1991-2006 2006 / lk. 44-49 : portr https://www.ester.ee/record=b2191227*est

Mehhanotehnika valdkonna kutsestandardid : [ettekanne mehaanikainseneride päeval 27. septembril 2013 TTÜs]

Kulu, Priit; Paist, Aadu Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 213-215

Metal powder/fly ash cenosphere/modified clay composite

Šiškins, Andrejs; Mironovs, Viktors; Zemčenkova, Vjačeslavs; **Hussainova, Irina** Euro PM2014 proceedings : PM Functional Materials 2014

Metallid 3D-sse

Veinthal, Renno; Kollo, Lauri; Pohlak, Meelis Äripäev 2015 / Tööstus, lk. 36-38

Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Keevitusprotseduuri katse. Osa 1, Teraste gaas- ja kaarkeevitus ning nikli ja niklisulamite kaarkeevitus = Specification and qualification of welding procedures for metallic materials. Welding procedure test. Part 1, Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2004+A1:2008+A2:2012)

2013 https://www.ester.ee/record=b2908512*est

Metallide korrosioon ja korrosioonitõrje : loengukonspekt

Talimets, Ellen 2004 https://www.ester.ee/record=b1926933*est

Metallide tehnoloogia kateeder 1947-1992. Materjalitehnika instituut 1992-2016

2016 http://www.ester.ee/record=b4649065*est

Metallide tööiga : korrosioon, kulumine, väsimine, roomavus

Kallas, Paul; Kulu, Priit 1994 https://www.ester.ee/record=b1066558*est

Metalliõpetus

Kulu, Priit 2005 http://www.ester.ee/record=b2071764*est

Metalliõpetus ja metallide tehnoloogia : eesti-inglise-saksa-vene terminid ja määratlused

1997 https://www.ester.ee/record=b1053791*est

Metalliõpetus ja metallide tehnoloogia. III, Keevitus. Termolõikamine. Jootmine. Termopindamine : eesti-inglise-saksa-vene terminid ja määratlused

1999 https://www.ester.ee/record=b1059860*est

Metalliõpetus ja metallide tehnoloogia. IV, Mehaanilised omadused ja teimimine. Mittepurustav kontroll : eesti-inglise-saksa-vene terminid ja määratlused

2001 http://www.ester.ee/record=b1540220*est

Metalliõpetuse laboratoorsete tööde juhendid

2000 https://www.ester.ee/record=b1059269*est

Metallobjektide 3D-printimine - uued võimalused ja väljakutsed

Pohlak, Meelis; Veinthal, Renno Eesti Päevaleht 2015 / Metallileht, lk. 2

Metrological overview for coordinate measuring machines

Dhoska, Klodian; Kübarsepp, Toomas; Dorri, Altin; Pramono, Agus Instrumentation and measurement systems 2015 / p. 195-199 : ill <http://dx.doi.org/10.4028/www.scientific.net/AMM.771.195>

Micromechanical properties and electrical conductivity of Cu and Cu-0.7wt% Cr alloy

Kommel, Lembit; Pardis, N.; Kimmari, Eduard Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 354-359 : ill

Microstructural aspects of thermal sprayed WC-Co coatings and Ni-Cr coated steels = WC-Co termopinnete ja Ni-Cr pinnatud teraste metallograafilised aspektid

Peetsalu, Priidu 2007 https://www.ester.ee/record=b2315917*est

Microstructure and properties of UFG metals and alloys

Kommel, Lembit XII International Conference on Nanostructured Materials (NANO 2014) : July 13-18, 2014 : program 2014 / p. 103

Microstructure evolution and mechanical properties investigation of friction stir welded AlMg5-Al2O3 nanocomposites

Babu, N. Kishore; Kallip, Kaspar; Leparoux, Marc TMS 2016 : 145 Annual Meeting & Exhibition : supplemental proceedings 2016 / p. 729-736 : ill http://dx.doi.org/10.1007/978-3-319-48254-5_87

Microstructure evolution of WC-TiC-CO cemented carbides during reactive sintering

Tarraste, Marek; Juhani, Kristjan; Pirso, Jüri TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Microstructure evolution of WC-TiC-Co cemented carbides during reactive sintering [Electronic resource]

Tarraste, Marek; Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Traksmäa, Rainer; Letunovits, Sergei Proceedings of the 18th Plansee Seminar : International Conference on Refractory Metals and Hard Materials : Reutte/Austria, 3-7 June, 2013 2013 / p. HM 70/1-HM 70/7 [CD-ROM]

Microstructure formation of (Ti, Mo)C-Ni cermet

Jõeleht, Marek; Pirso, Jüri; Juhani, Kristjan TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts

Microstructure, mechanical, and impression creep properties of AlMg5-0.5 vol% Al₂O₃ nanocomposites

Talari, Mahesh Kumar; Babu, N. Kishore; **Kallip, Kaspar** Advanced engineering materials 2016 / p. 1958-1966 : ill
<http://dx.doi.org/10.1002/adem.201600301>

Microstructure, texture and mechanical properties of cyclic expansion-extrusion deformed pure copper

Pardis, N.; Chen, C.; Ebrahimi, R.; **Kommel, Lembit** Materials science and engineering : A 2015 / p. 423-432 : ill
<http://dx.doi.org/10.1016/j.msea.2015.01.003>

Miks ei edene doktoriõpingud?

Veinthal, Renno Mente et Manu 2016 / lk. 4-6 : fot https://artiklid.elnet.ee/record=b2758758*est

Milling metal chips into raw material of powder metallurgy by collision method

Aljas, Eerik; Goljandin, Dmitri; Tümanok, Aleksei Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 60-61: ill https://www.ester.ee/record=b1492085*est

Mittepurustav katsetamine [Vörguteavik] : kapillaarkatse ja magnetpulberkatse. Vaatlemise tingimused (ISO 3059:2012) = Non-destructive testing : penetrant testing and magnetic particle testing. Viewing conditions (ISO 3059:2012)

2016 http://www.ester.ee/record=b4603989*est

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

Besterçi, Michal; Ivan, Jozef; **Kulu, Priit; Arensburger, Daniil;** Velgosova, Oksana Journal of mining and metallurgy. B, Metallurgy 2003 / p. 499-507 : ill

Monoterilised pooljuhtpulbrid päikeseenergeetikale = Monograin semiconductor powders for solar energetics

Hiie, Jaan; Altosaar, Mare; Krunks, Malle; Mellikov, Enn XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 39-40 https://www.ester.ee/record=b1070511*est

Morphological changes on diamond and DLC films during sliding wear = Morfoloogilised muutused teemant- ja teemandilaadsetel pinnitel liugkulumisel

Bogatov, Andrei 2015 http://www.ester.ee/record=b4447899*est

Nanocrystalline diamond films deformation observed during sliding tests against Si₃N₄ balls as a possible cause for ripple formation on wear scars surface

Bogatov, Andrei; Viljus, Mart; Raadik, Taavi; Hantschel, Thomas; **Podgurski, Vitali** Medžiagotyra = Materials science 2015 / p. 349-352 : ill <http://dx.doi.org/10.5755/j01.ms.21.3.7232>

Nanoparticulate reinforced aluminum alloy composites produced by powder metallurgy route

Kallip, Kaspar; Kollo, Lauri; Leparoux, Marc; Bradbury, Christopher R. Advanced composites for aerospace, marine, and land applications II : proceedings of a symposium sponsored by The Minerals, Metals & Materials Society (TMS) held during TMS 2015, March 15-19, 2015, Walt Disney World, Orlando, Florida, USA 2015 / p. 165-174 <http://dx.doi.org/10.1002/9781119093213>

Neljakümne aasta järel uus käsiraamat mehaanikainseneridele : sõnavõtt "Mehaanikainseneri käsiraamatu" esitlusel 21. juunil 2012 TTÜ raamatukogus

Kulu, Priit Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 279-281

NeTTUN project : how to increase the lifetime of TBM drag bits?

Fridrici, V.; **Antonov, Maksim; Katušin, Dmitri; Yung, Der-Liang; Veinthal, Renno; Hussainova, Irina** 2nd Eastern European Tunnelling Conference "Tunneling in a Challenging Environment", Making tunneling business in difficult times : EETC 2014, Athens, Greece, 28 September - 1 October 2014 2014

New methodology for the antifungal testing of surfactant-free silver metal nanoparticles for applications in green housing

Küünal, Siim; Kutti, Sander; Rauwel, Protima; Wragg, David; **Hussainova, Irina; Rauwel, Erwan** 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. 133-138 : ill
<http://dx.doi.org/10.4028/www.scientific.net/KEM.674.133>

Non-equilibrium grain boundaries with excess energy in graphene

Romanov, A. E.; Kolesnikova, A. L.; Orlova, T. S.; **Hussainova, Irina;** Bougrov, V. E.; Valiev, R. Z. Carbon 2015 / p. 223-231 : ill
<http://dx.doi.org/10.1016/j.carbon.2014.09.053>

Norma 125 : ämbritest plekkpurkide ja turvavöödeni

Kulu, Priit Inseneeria 2016 / lk. [50]-51 : ill https://artiklid.elnet.ee/record=b2766802*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

Novel methods for hardmetal production and recycling = Uudsed meetodid WC-Co kõvasulamite valmistamiseks ja taaskasutamiseks

Joost, Renee 2010 https://www.ester.ee/record=b2604910*est

Novel synthesized and milled carbide-based composite powders for HVOF spray = Uudsed sünteesitud ja jahvatatud karbiidide baasil komposiitpulbrid kiirleekpihustuseks

Sarjas, Heikki 2016 https://www.ester.ee/record=b4569666*est

Novel WC-Co spray powders and HVOF sprayed coatings on their bases

Sarjas, Heikki; Kulu, Priit; Juhani, Kristjan; Vuoristo, Petri Surface Modification Technologies XXVIII : proceedings of the Twenty Eighth International Conference on Surface Modification Technologies : Tampere University of Technology, Tampere, Finland, June 16-18, 2014 2015 / p. 35-42 : ill

Novel wear resistant WC-based thermal sprayed coatings

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

Novel wear resistant WC-based thermal sprayed coatings

Zimakov, Sergei; Kulu, Priit 2004 https://www.ester.ee/record=b1953734*est

Nutikas spetsialiseerumine ja selle kolm vaala : [teemat kommenteerivad Enn Saar, Renno Veinthal, jt.]

Saar, Enn; Veinthal, Renno Inseneria 2013 / lk. 14-18 : ill https://artiklid.elnet.ee/record=b2654800*est

On determination of residual stresses in some PVD coatings by the curvature method

Lille, Harri; Ryabchikov, Alexander; Lind, Liina; Sergejev, Fjodor; Adoberg, Eron; Peetsalu, Priidu Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 378-382 : ill

Optimization of hardmetal reinforcement content in Fe-based hardfacings for abrasive-impact wear conditions

Surženkov, Andrei; Tarbe, Riho; Tarraste, Marek; Simson, Taavi; Viljus, Mart; Kulu, Priit European Conference on Heat Treatment 2016 and 3rd International Conference on Heat Treatment and Surface Engineering in Automotive Applications : 11-13 May 2016, Prague, Czech Republic, Břevnov Monastery 2016 / [10] p. : ill

Optimization of mechanical strength of titania fibers fabricated by direct drawing

Hanschmid, Kelli; Tätte, Tanel; Hussainova, Irina Applied physics. A, Materials science & processing 2013 / p. 663-671 : ill

Optimization of reinforcement content of powder metallurgy hardfacings in abrasive wear conditions

Simson, Taavi; Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Viljus, Mart; Tarraste, Marek; Goljandin, Dmitri Proceedings of the Estonian Academy of Sciences 2016 / p. 90-96 : ill https://artiklid.elnet.ee/record=b2768203*est

Order change and phase's redistribution in single crystal of Ni-based superalloy during hard cyclic viscoplastic deformation

Kommel, Lembit; Kodess, Boris N.; Kommel, Igor Acta crystallographica section A : foundations and advances 2016 / p. 304 <http://journals.iucr.org/a/issues/2016/a1/00/a54456/a54456.pdf>

Oxygen electroreduction on platinum nanoparticles activated electrodes deposited onto D-glucose derived carbon support in 0.1 M KOH

Taleb, Masoud; Nerut, Jaak; Tooming, Tauno; Thomberg, Thomas; Lust, Enn Journal of The Electrochemical Society 2016 / p. F1251-F1257 <http://dx.doi.org/10.1149/2.1051610jes>

Particle reinforced polymer composites resistance to three body abrasive wear

Aruniit, Aare; Antonov, Maksim; Kers, Jaan; Krumme, Andres TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Particle size and proportion influence to impact properties of particulate polymer composite

Aruniit, Aare; Kers, Jaan; Krumme, Andres; Peetsalu, Priidu Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 325-330 : ill

Performance of tool materials in blanking = Tööriistamaterjalide toimivus väljalõikestantsimisel

Tšinjan, Aleksei 2012

Performance of tool steels strengthened by PVD coatings

Klaasen, Heinrich; Kübarsepp, Jakob; Tšinjan, Aleksei; Adoberg, Eron; Vainola, Vello World PM 2010 : International Powder Metallurgy Congress & Exhibition : 10th October – 14th October 2010 : Fortezza da Basso, Florence, Italy 2010 / [6] p

Phase equilibrium evolution in single-crystal Ni-based superalloys

Kommel, Lembit Superalloys 2015 / p. 171-202 : ill <http://dx.doi.org/10.5772/61102>

Physical-chemical interactions in NiAl-MeB₂ systems intended for tribological applications

Umanskyi, Oleksandr; Poliarus, Olena; Ukrainets, Maksym; **Antonov, Maksim** Welding journal 2015 / p. 225-230 : ill

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

Predictive tools for the isothermal hardening of strip steel parts in molten salt

Jaason, Karli; Peetsalu, Priidu; Saarna, Mart; Beilmann, Jüri Proceedings of the Estonian Academy of Sciences 2016 / p. 152-158 : ill https://artiklid.elnet.ee/record=b2768223*est

Preface : [BALTMATTRIB 2015]

Kulu, Priit Proceedings of the Estonian Academy of Sciences 2016 / p. 89 https://artiklid.elnet.ee/record=b2768201*est

Processing and mechanical properties of ZrC-ZrO₂ composites

Voltšihhin, Nikolai; Hussainova, Irina; Kübarsepp, Jakob; Traksmäa, Rainer Engineering materials & tribology XXII 2014 / p. 258-261

Processing and properties of bulk ultrafine-grained pure niobium

Kommel, Lembit; Kimmari, Eduard; Saarna, Mart; Viljus, Mart Journal of materials science 2013 / p. 4723-4729 : ill

Processing and properties of zirconia toughened WC-based cermets

Hussainova, Irina; Voltšihhin, Nikolai; Cura, M. Erkin; Hannula, Simo-Pekka Proceedings of the 37th Int'l Conf & Expo on Advanced Ceramics & Composites (ICACC 2013) 2013 / 1-7 : ill

Processing and properties of zirconia toughened WC-based cermets

Hussainova, Irina; Voltšihhin, Nikolai; Cura, M. Erkin; Hannula, Simo-Pekka Advanced processing and manufacturing technologies for structural and multifunctional materials VII : a collection of papers presented at the 37th International Conference on Advanced Ceramics and Composites, January 27-February 1, 2013, Daytona Beach, Florida 2014 / p. 97-103

Processing of industrial metal scrap by mechanical means

Kulu, Priit; Tümanok, Aleksei United Nations Economic Commission for Europe (UN ECE) Working Party on Steel : Seminar on the Processing, Utilization and Disposal of Waste in the Steel Industry : Balatonszeplak (Hungary), 3-6 June 1996 1996 / [9] p. : ill

Processing of recycled hard particle powders by PTA-technology

Zikin, Arkadi; Ilo, S.; Kulu, Priit; Katsich, Christian; Badisch, Ewald; Hussainova, Irina 20th International Baltic Conference Materials Engineering 2011, October 27-28, Kaunas, Lithuania : book of abstracts 2011 / p. 43

Processing of ZrC-TiC composites by SPS

Yung, Der-Liang; Hussainova, Irina; Rodriguez, Miguel Angel; Traksmäa, Rainer 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. 94-99 : ill <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.94>

Production of superhard carbon rich boron carbon (B_{11.72}C_{3.28}) based composite in the B₄C-Al-WC-Co-Cu system through SHS and SPS techniques [Electronic resource]

Kommel, Lembit; Tarraste, Marek; Kolnes, Märt; Veinthal, Renno; Kübarsepp, Jakob Euro PM2015 Congress & Exhibition : proceedings : 4-7 October 2015, Reims Congress Centre, Reims, France 2015 / [6] p. : ill. [USB]

Properties of steel powder prepared from bearing steel turnings

Selecka, M.; Šalak, A.; Kulu, Priit Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 20-23: ill https://www.ester.ee/record=b1492085*est

Pultruding of metal powder filled glass fiber reinforced polymer composites

Rummo, Henri; Veinthal, Renno; Aruniit, Aare 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. 48-53 : ill <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.48>

Punch lifetime in fine-blanking with optimum combination of mechanical properties

Veinthal, Renno; Peetsalu, Priidu; Saarna, Mart; Sergejev, Fjodor European Conference on Heat Treatment and 22nd IFHTSE Congress : Heat Treatment and Surface Engineering from tradition to innovation : Venice (Italy), 20-22 May 2015 2015 / [7] p

Põltsamaa Keskkool / Ühisgümnaasium 95 (1918-2013) : Põltsamaa Keskkooli 43. lend - 50 aastat lõpetamisest (1963-

2013)

2013 https://www.ester.ee/record=b5286130*est

Quantifying graphitic edge exposure in graphene-based materials and its role in oxygen reduction reactions

Stamatin, Serban; **Hussainova, Irina; Ivanov, Roman**; Colavita, Paula E. ASC catalysis 2016 / p. 5215-5221 : ill
<http://dx.doi.org/10.1021/acscatal.6b00945>

Rahvusvaheline koostöö ülikoolide ja teadusasutustega

Kulu, Priit Mehaanikainseneride koolitus 1998-2016 2016 / lk. 57-63 https://www.ester.ee/record=b4640989*est

Rakendusuuringud materjalitehnoloogia valdkonnas : [ettekanne mehaanikainseneride päeval 27. septembril 2013 TTÜs]

Veinthal, Renno Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 194-204 : ill

Reactive sintered chromium and titanium carbide-based cermets = Reaktsioonpaagutatud kroom- ja titaankarbiidsed kermised

Juhani, Kristjan 2009 https://www.ester.ee/record=b2498183*est

Reactive sintering of bimodal WC-Co hardmetals

Tarraste, Marek; Juhani, Kristjan; Pirso, Jüri; Viljus, Mart Medžiagotyra = Materials science 2015 / p. 382-385 : ill
<http://dx.doi.org/10.5755/j01.ms.21.3.7511>

Reactive sintering of ZrC-TiC composites

Yung, Der-Liang; Kollo, Lauri; Hussainova, Irina; Zikin, Arkadi Engineering materials and tribology 2013 / p. 20-25
https://www.researchgate.net/publication/234110368_Reactive_Sintering_of_ZrC-TiC_Composites

Reactive sintering of WC-Cr-Co hardmetals [Electronic resource]

Juhani, Kristjan; Pirso, Jüri; Tarraste, Marek; Viljus, Mart; Letunovitš, Sergei Proceedings of the 18th Plansee Seminar : International Conference on Refractory Metals and Hard Materials : Reutte/Austria, 3-7 June, 2013 2013 / [CD-ROM]

Recycled hardmetal-based powder composite coatings : optimisation of composition, structure and properties

Kulu, Priit; Käerdi, Helmo; Surženkov, Andrei; Tarbe, Riho; Veinthal, Renno; Goljandin, Dmitri; Zikin, Arkadi International journal of materials & product technology 2014 / p. 180-202 : ill

Recycling of composite plastics = Komposiitplastide ringlus

Kers, Jaan 2006 https://www.ester.ee/record=b2208721*est

Relaxation of residual stresses in brush-plated gold and silver coatings on copper and on brass substrates

Lille, Harri; Kõo, Jakob; Ryabchikov, Alexander; Reitsnik, Renno; **Sergejev, Fjodor; Dong, Minjie** Residual stresses IX 2014 / p. 866-871 : ill

Research on optoelectronic materials at Tallinn Technical University

Melikov, Enn; Kukk, 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

Review of surface treatment technology in Estonia

Kulu, Priit Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 4-5
https://www.ester.ee/record=b1492085*est

Riigi lennufirma omamise asemel võib teenust sisse osta

Simson, Taavi Äripäev 2015 / lk. 19

Rippling on wear scar surfaces of nanocrystalline diamond films after reciprocating sliding against ceramic balls

Podgurski, Vitali; Hantschel, Thomas; Bogatov, Andrei; Kimmari, Eduard; Antonov, Maksim; Viljus, Mart; Mikli, Valdek; Raadik, Taavi; Kulu, Priit Tribology letters 2014 / p. 493-501 : ill

Saateks

Kübarsepp, Jakob TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit 2011 / lk. 5-6 http://www.ester.ee/record=b2720689*est

100 aastat mehaanikainseneride koolitust

Kulu, Priit Eesti Masinatööstuse Liit. TTÜ mehaanikateaduskond 80 2016 / lk. 52-[70] : ill https://www.ester.ee/record=b4577314*est

100 aastat mehaanikainseneride koolitust

Kulu, Priit Mehaanikainseneride koolitus 1998-2016 2016 / lk. 9-38 : ill https://www.ester.ee/record=b4640989*est

140 aastat kirjutusmasinaid

Kulu, Priit Inseneeria 2014 / lk. 48-50 : ill https://artiklid.elnet.ee/record=b2687430*est

70 aastat mehaanikateaduskonda

2006 http://www.ester.ee/record=b2191221*est

Selection of hardmetal containing hardfacings for different abrasive conditions

Kulu, Priit; Surženkov, Andrei; Simson, Taavi; Sarjas, Heikki European Conference on Heat Treatment 2016 and 3rd International Conference on Heat Treatment and Surface Engineering in Automotive Applications : 11-13 May 2016, Prague, Czech Republic, Břevnov Monastery 2016 / [10] p. : ill

Sinter/HIP technology of TiC-based cermets = Titaankarbiidkermiste survepaagutustehnoloogia

Kollo, Lauri 2007

Sintering parameters of TiC cermets with FeCr binder

Kolnes, Märt; Kübarsepp, Jakob TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Sliding wear behaviour of basalt containing composites with additions of either metallic and/or ceramic phases

Antonov, Maksim; Goljandin, Dmitri; Andreev, A.; Voltšihhin, Nikolai; Hussainova, Irina BaltTrib 2013 : VII International Scientific Conference : proceedings 2013 / p. 67-72 : ill

Sliding wear of HVOF sprayed self-fluxing alloy matrix cermet particles reinforced composite coatings

Surženkov, Andrei; Antonov, Maksim; Mikli, Valdek; Latokartano, Jyrki; Vilgo, Timo; Kulu, Priit BALTTTRIB'2013 : VII International Scientific Conference : 14-15 November 2013, Kaunas, Lithuania : proceedings 2013 / p. 62-66

Sliding wear of TiC-NiMo and Cr₃C₂-Ni cermet particles reinforced FeCrSiB matrix HVOF sprayed coatings

Surženkov, Andrei; Antonov, Maksim; Goljandin, Dmitri; Vilgo, Timo; Mikli, Valdek; Viljus, Mart; Latokartano, Jyrki; Kulu, Priit Estonian journal of engineering 2013 / p. 203-211 : ill

Solid particle erosion : occurrence, prediction and control

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

Solid particle erosion : occurrence, prognostification and control

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

Spark plasma sintered Nd-Fe-B magnets from high-energy ball milled powders

Mural, Zorjana; Kollo, Lauri; Veinthal, Renno The 24th International Workshop on Rare-Earth and Future Permanent Magnets and Their Applications (REPM 16) : 28 August - 1 September 2016, Darmstadt, Germany 2016 / p. 619-623

Spark plasma sintered ZrC-Mo cermets : influence of temperature and compaction pressure

Yung, Der-Liang; Antonov, Maksim; Hussainova, Irina Ceramics international 2016 / p. 12907-12913 : ill
<http://dx.doi.org/10.1016/j.ceramint.2016.05.059>

Spark plasma sintering of WC hardmetals with Fe-based binder [Electronic resource]

Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Suurkivi, Taavi; Pirso, Jüri World PM2016 proceedings 2016 / [6] p. : ill. [USB]

Spinel alumina nanofibers synthesis via ALD coating of alumina nanofibers

Rauwel, Erwan; Nilsen, Ola; Rauwel, Protima; Galeckas, Augustinas; Wragg, David; Walmsley, John; Hussainova, Irina; Soots, Karel WG2 workshop and 4th ALDCoE annual seminar : 23-24 May 2016, Helsinki, Finland : abstracts 2016 / [1] p. : ill

Steels, hardmetals and hardfacings for abrasive wear applications

Kulu, Priit; Tarbe, Riho; Saarna, Mart; Surženkov, Andrei; Peetsalu, Priidu; Viljus, Mart European Conference on Heat Treatment and 21st IFHTSE Congress : May, 12th-15th, 2014, Munich, Germany : proceedings 2014 / p. 449-456 : ill

Structure and properties of HVOF-sprayed and PTA-welded cermet hard phase reinforced Fe-matrix based coatings

Kulu, Priit; Zikin, Arkadi; Surženkov, Andrei; Tarbe, Riho 2nd Mediterranean Conference & New Challenges on Heat Treatment and Surface Engineering : Dubrovnik-Cavtat, Croatia, 11-14 June 2013 2013 / p. 37-44

Structure and properties of HVOF-sprayed and PTA-welded cermet hard phase reinforced Fe-matrix-based coatings

Kulu, Priit; Zikin, Arkadi; Surženkov, Andrei; Tarbe, Riho International journal of microstructure and materials properties 2014 / p. 4-14

Structure and wear resistance of hard metals

Kübarsepp, Jakob; Reshetnjak, Heinrich; Järv, Jaan Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn

1995 / I. 26-28 https://www.ester.ee/record=b1492085*est

Structure formation and characteristics of chromium carbide-iron-titanium cermets

Kolnes, Märt; Pirso, Jüri; Kübarsepp, Jakob; Viljus, Mart; Traksmäa, Rainer Proceedings of the Estonian Academy of Sciences 2016 / p. 138-143 : ill <http://dx.doi.org/10.3176/proc.2016.2.09>

Structure formation and distribution of elements in the TiC-NiMo cemented carbides

Viljus, Mart; Pirso, Jüri Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / I. 24-25 https://www.ester.ee/record=b1492085*est

Structure, phase composition, and wear mechanisms of plasma-sprayed NiCrSiB-20wt.% TiB₂ coatings

Umanskii, A.; Storoženko, M.; **Hussainova, Irina; Antonov, Maksim** Powder metallurgy and metal ceramics 2015 / p. 663-671 : ill <http://dx.doi.org/10.1007/s11106-015-9661-3>

Students' self-management : e-course, e-tutoring and online support system

Teichmann, Mare; Kübarsepp, Jakob; Ilvest, Jüri jr Innovative techniques in instruction technology, e-learning, e-assessment, and education 2008 / p. 304-308 : ill

Study of residual stresses in some gas-flame sprayed coatings

Kulu, Priit; Kõo, Jakob; Lille, Harri; Pihl, Toomas Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / I. 42 https://www.ester.ee/record=b1492085*est

Study of technology and properties of PVD TiN coatings

Rudenja, Sergei; Kulu, Priit; Mikli, Valdek Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / I. 43 https://www.ester.ee/record=b1492085*est

Study of the ultrafine-grains intrinsic nanostructure refinement by severe plastic deformation of copper alloys

Kommel, Lembit; Veinthal, Renno; Mikli, Valdek; Dedov, Andrei OAS 2015 : proceedings of the 3rd [i.e. 3rd] International Conference Optimization and Analysis of Structures III : Tartu, Estonia, August 23-25, 2015 2015 / p. 28-32 : ill

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

Synthesis of ZrC-TiC blend by novel combination of sol-gel method and carbothermal reduction

Umalas, Madis; Reedo, Valter; Lõhmus, Ants; **Hussainova, Irina; Juhani, Kristjan** Engineering materials and tribology 2013 / p. 62-67

ZrC-based and ZrC-doped composites for high-temperature and wear applications = ZrC baasil ja ZrC-ga legeritud komposiitmaterjalid rakendusteks kõrgtemperatuursetes ja kulumistingimustes

Yung, Der-Liang 2016 http://www.ester.ee/record=b4621174*est

Tallinna Masinatehas püsib juba poolteist sajandit oma ala eesrinnas

Kulu, Priit Inseneria 2015 / lk. 44-45 : fot https://artiklid.elnet.ee/record=b2748922*est

Tallinna Tehnikaülikooli materjalitehnika instituut

Kulu, Priit Kaarleek : Kempfi Oy ja Femker Oy tarbijaleht 1996 / lk. 12 : fot https://www.ester.ee/record=b5668719*est

Teadus- ja arendustegevusest mehaanikateaduskonnas

Kulu, Priit Mehaanikainseneride koolitus 1998-2016 2016 / lk. 39-56 : ill https://www.ester.ee/record=b4640989*est

Tee maailmatasemel tippspetsialistiks : [ka TTÜ teadusprorektor Renno Veinthal kommenteerib]

Maidla, Margus Sirp 2016 / lk. 34-35 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/tee-maailmatasemel-tippspetsialistiks/>

Tehnikaülikool võttis vastu üle 3500 tudengi

Kübarsepp, Jakob; Urbla, Anne Mente et Manu 2014 / lk. 9-11 : fot., tab https://artiklid.elnet.ee/record=b2682374*est

Tehnoplastid : plastide üldiseloostus, plastide valik, plastide mehaanilised teimid, firmoplastid

1999 https://www.ester.ee/record=b1222251*est

Tenuur kui akadeemilise vabaduse tagatis

Aaviksoo, Jaak; Veinthal, Renno Sirp 2016 / lk. 15-16 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/tenuur-kui-akadeemilise-vabaduse-tagatis/>

Terase kaarkeevitusliited : kvaliteeditasemete määramine keevitusvigade järgi

2000 http://www.ester.ee/record=b1400416*est

Terased & malmid : Vene, Saksa, Soome, Rootsi standardid (markeering, koostis, omadused) : vastavus

1993 https://www.ester.ee/record=b1057362*est

Terased : eurostandardid (liigitus, tähistus, markeering, koostis, margivastavus) : firmaterased. Alumiiniumisulamid : eurostandardid (markeering, koostis, margivastavus) : firmasulamid

1998 https://www.ester.ee/record=b1223692*est

Terased : Eurostandardid (liigitus, tähistus, markeering, koostis), vastavus

1996 https://www.ester.ee/record=b1419131*est

Terminiarendusest TTÜ-s kõrgkooliõpiku "Materjalitehnika" näitel

Kulu, Priit; Kūbarsepp, Jakob III eesti teaduskeele konverents : 5.-6. detsembril 2014 : lühitutvustused, teesid 2014 / lk. 21-22

Termolõikamine [Võrguteavik] : termolõikete klassifitseerimine. Toote geomeetriselised spetsifikatsioonid ja kvaliteedi tolerantid = Thermal cutting : classification of thermal cuts. Geometrical product specification and quality tolerances

2015 http://www.ester.ee/record=b4532515*est

Tervisekulult tulumaks tagasi

Simson, Taavi Äripäev 2015 / lk. 19

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

<http://dx.doi.org/10.5755/j01.ms.22.1.7500>

The effect of Cr and C on the characteristics of WC-FeCr hardmetals [Electronic resource]

Tarraste, Marek; Juhani, Kristjan; Kūbarsepp, Jakob; Pirso, Jüri; Mikli, Valdek Euro PM2015 Congress & Exhibition :

proceedings : 4-7 October 2015, Reims Congress Centre, Reims, France 2015 / [6] p. : ill. [USB]

The effect of fine erodent retained on the surface during erosion of metals, ceramics, plastic, rubber and hardmetal

Antonov, Maksim; Pirso, Jüri; Goljandin, Dmitri; Vallikivi, Ahto; Hussainova, Irina Wear 2016 / p. 53-68 : ill

<http://dx.doi.org/10.1016/j.wear.2016.02.018>

The effect of low-friction PVD coatings on scuffing and pitting resistance of spur gears

Michalczewski, Remigiusz; Szczerek, Marian; Tuszyński, Waldemar; Wulczyński, Jan; **Antonov, Maksim** Tribologia : teoria i praktyka

2013 / p. 55-66 : ill

The effect of VC, TiC and Cr₃C₂ on the microstructure and properties of WC-15CO hardmetals fabricated by the reactive sintering

Pirso, Jüri; Juhani, Kristjan; Tarraste, Marek; Viljus, Mart; Letunovitš, Sergei Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 383-388 : ill

The experimental and theoretical investigations of damage development and distribution in double-forged tungsten under plasma irradiation-initiated extreme heat loads

Väli, Berit; Laas, Tõnu; Paju, Jana; **Antonov, Maksim** Nukleonika 2016 / p. 169-177 : ill <http://dx.doi.org/10.1515/nuka-2016-0029>

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 carbon and molybdenum in reactive sintered (Ti, Mo)C-NiCr cermets [Electronic resource]

Jõelet, Marek; Pirso, Jüri; Juhani, Kristjan; Viljus, Mart Euro PM2015 Congress & Exhibition : proceedings : 4-7 October 2015,

Reims Congress Centre, Reims, France 2015 / [USB]

The influence of high energy milling and sintering parameters on reactive sintered (Ti, Mo)C-Ni cermets

Jõelet, Marek; Pirso, Jüri; Juhani, Kristjan; Viljus, Mart; Traksmäa, Rainer Journal of alloys and compounds 2015 / p. 381-386

: ill <http://dx.doi.org/10.1016/j.jallcom.2015.02.071>

The influence of sintering temperature of reactive sintered (Ti, Mo)C-Ni cermets

Jõelet, Marek; Pirso, Jüri; Juhani, Kristjan; Viljus, Mart Medžiagotyra = Materials science 2015 / p. 435-438 : ill

<http://dx.doi.org/10.5755/j01.ms.21.3.7179>

The influence of TiC powder to reactive sintered TiC-NiMo cermets microstructure and mechanical properties [Electronic resource]

Jõelet, Marek; Pirso, Jüri; Juhani, Kristjan; Viljus, Mart Proceedings of the 18th Plansee Seminar : International Conference on

The microstructure and properties of fine-grained cermets

Viljus, Mart 2003

The oxidation of chromium and titanium carbide based hard metals

Pirso, Jüri; Liiskmann, Guido Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / I. 34-36: ill
https://www.ester.ee/record=b1492085*est

The role of silicon in the hot dip galvanizing process

Sepper, Sirli; Peetsalu, Priidu; Kulu, Priit; Saarna, Mart; Mikli, Valdek Proceedings of the Estonian Academy of Sciences 2016 / p. 159-165 : ill

The rolling contact fatigue of PVD coated spur gears

Michalczewski, Remigiusz; Piekoszewski, Witold; Szczerek, Marian; Tuszyński, Waldemar; **Antonov, Maksim** Engineering materials and tribology 2013 / p. 77-82

The science of sinter-HIP : when to turn on the gas

Yung, Der-Liang; Tarraste, Marek; Hussainova, Irina TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Thermal and microstructural analysis of doped alumina nanofibers

Aghayan, Marina; Gasik, Michael; Hussainova, Irina; Rubio-Marcos, Fernando; Kollo, Lauri; Kübarsepp, Jakob Thermochimica acta 2015 / p. 43-48 : ill <http://dx.doi.org/10.1016/j.tca.2015.01.009>

Thermal residual stresses in chromium carbide based cermets

Jasiuk, Iwona; **Hussainova, Irina; Hamed, Elham; Yang, Ning; Antonov, Maksim** Proceedings of the 8th International Congress on Thermal Stresses, 1-4 June 2009 : Thermal Stresses 2009 : Abstract book vol. 2 2009 / p. 483-486 : ill

Thermal shock resistance of chromium carbide-based cermets

Antonov, Maksim; Pirso, Jüri Encyclopedia of thermal stresses 2014 / p. 5128-5135 : ill

Thermoreactive polymer composite with high particulate filler content = Suure pulbrilise täiteaine sisaldusega termoreaktiivne polümeerkomposiit

Aruniit, Aare 2014 http://www.ester.ee/record=b3092370*est

Three-body abrasive wear of reactive sintered WC-Co hardmetals with grain growth inhibitors

Juhani, Kristjan; Pirso, Jüri; Tarraste, Marek; Viljus, Mart; Suurkivi, Taavi Engineering materials & tribology XXII 2014 / p. 277-282

Three-body abrasive wear of WC-Co composites manufactured by reactive sintering of nanocrystalline powders [Electronic resource]

Juhani, Kristjan; Joost, Renee; Pirso, Jüri; Letunovitš, Sergei; Viljus, Mart; Tarraste, Marek 5th World Tribology Congress, WTC 2013 : [proceedings]. Vol. 3 2014 / p. 2084-2087. [CD-ROM]

Titanium and chromium carbide based cermets

Pirso, Jüri 1996 http://www.ester.ee/record=b1070455*est

Tool life in stainless steel AISI 304 : applicability of Colding's tool life equation for varying tool coatings

Johansson, Daniel; Leemet, Tõnu; Allas, Jaanus; Madissoo, Marten; **Adoberg, Eron; Schultheiss, Fredrik** Proceedings of the Estonian Academy of Sciences 2016 / p. 172-176 : ill

Tool wear investigations by direct and indirect methods in end milling

Leemet, Tõnu; **Allas, Jaanus; Adoberg, Eron** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 133-138 : ill

TPI/TTÜ mehaanikateaduskonna dekaanid läbi aegade

Kulu, Priit TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit 2011 / lk. 11-25 : portr http://www.ester.ee/record=b2720689*est

TPI/TTÜ mehaanikateaduskonna dekaanid läbi aegade

Kulu, Priit Mehaanikainseneride koolitus 1998-2016 2016 / lk. 201-202 https://www.ester.ee/record=b4640989*est

Tribological behavior of carbon nanofibers deposited on hard nanocomposite (nc-Ti1-xAlxN)/(a-Si3N4) coating

Kimmari, Eduard; Podgurski, Vitali; Simunin, M.; Adoberg, Eron; Surženkov, Andrei; Viljus, Mart; Hartelt, M.; Wäsche, R.; Sildos, Ilmo; Kulu, Priit Surface & coatings technology 2013 / p. 21-25 : ill

Tribological characteristics of copper based composites with Al₂O₃ particles at various temperatures

Hvzdoš, Pavol; Besterce, Michal; **Kulu, Priit**; Kavačkaj, T. High temperature materials and processes 2013 / p. 437-442

Tribological characteristics of micro- and nano-composites Cu-Al₂O₃ at room and elevated temperatures

Hvzdoš, Pavol; Besterce, Michal; **Kulu, Priit** High temperature materials and processes 2011 / p. 573-577

Tribological parameters of copper-alumina composite

Hvzdoš, Pavol; **Kulu, Priit**; Besterce, Michal Engineering materials and tribology 2013 / p. 191-196

https://www.researchgate.net/publication/271863555_Tribological_Parameters_of_Copper-Alumina_Composite

Tribology of fine-grained cermets

Letunovič, Sergei 2003 https://www.ester.ee/record=b1782627*est

TTÜ materjalitehnika instituudi koostöö ettevõtetega

Veinthal, Renno Inseneeria 2011 / lk. 15-17 : ill https://www.ester.ee/record=b1519314*est

TTÜ mehaanikateaduskond 75!

Kulu, Priit Inseneeria 2011 / lk. 8-10 : ill https://www.ester.ee/record=b1519314*est

TTÜ mehaanikateaduskond 2011

Otto, Tauno; **Kulu, Priit** Inseneeria 2011 / lk. 10-13 : ill https://www.ester.ee/record=b1519314*est

TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit

2011 http://www.ester.ee/record=b2720689*est

TTÜ tehnoloogiline võimekus : (kõrgkoolide laboratoorne baas, teaduse põhitemaatika)

Karjust, Kristo; **Sergejev, Fjodor** Eesti Masinatööstuse Liit. TTÜ mehaanikateaduskond 80 2016 / lk. 95-121 : ill

TTÜ õppekavade süsteem eile, täna ja homme

Kübarsepp, Jakob Mente et Manu 2013 / lk. 6-8 : fot

Ultra high-pressure spark plasma sintered ZrC-Mo and ZrC-TiC composites

Yung, Der-Liang; Cygan, Slawomir; **Antonov, Maksim**; Jaworska, Lucyna; **Hussainova, Irina** International journal of refractory metals and hard materials 2016 / p. 201-206 : ill <http://doi.org/10.1016/j.jirmhm.2016.09.014>

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

Utilisation of industrial metal scrap by mechanical means

Kulu, Priit; **Tümanok, Aleksei**; **Mikli, Valdek** Proceedings of the Estonian Academy of Sciences. Engineering 1996 / p. 36-48 : ill

Uudiskirjandus

Laansoo, Andres Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1996 / lk. 14 https://www.ester.ee/record=b5668719*est

Uudus Randmer 16.11.1920-31.12.2011 : in memoriam

Laansoo, Andres Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 307-308

Uued perspektiivid tüvi- ja vähirakkude uurimisel

Hussainova, Irina; **Vähi, Kersti** Mente et Manu 2016 / lk. 24-25 : fot http://www.ttu.ee/public/u/ulikool/Tutvustus/ajaleht-mente-et-manu/MM_2016_05/index.html

Uued võimalused 3D-printimise valdkonnas - metallide printimine peagi võimalik ka Eestis

Jõelet, Marek; **Kollo, Lauri**; **Pohlak, Meelis**; **Veinthal, Renno** Inseneeria 2015 / lk. 32-35 : ill https://artiklid.elnet.ee/record=b2725592*est

Uued õppekavad

Kulu, Priit; **Eerme, Martin**; **Paist, Aadu** TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit 2011 / lk. 79-82 : ill http://www.ester.ee/record=b2720689*est

Uuenduslik tootmine : käsiraamat

Riives, Jüri; **Lumiste, Rünno**; **Reedik, Vello**; **Roosimölder, Lembit**; **Karjust, Kristo**; **Kers, Jaan**; **Kiolein, Indrek**; **Kokla, Margo**; **Küttner, Rein**; **Lavin, Jaak**; **Lavrentjev, Jüri**; **Lõun, Kaia**; **Mõtus, Leo**; **Naams, Invar**; **Otto, Tauno**; **Pohlak, Meelis**; **Raba, Karl**; **Saks, Alo**; **Talkop, Adolf**; **Tähemaa, Toivo**; **Veinthal, Renno** 2011 http://www.ester.ee/record=b2736534*est

Valandite projekteerimine : metoodiline materjal

1995 https://www.ester.ee/record=b1068035*est

Wear behavior of Co-free hardmetals doped by zirconia and produced by conventional PM and SPS routines

Hussainova, Irina; Antonov, Maksim; Voltšihhin, Nikolai; Kübarsepp, Jakob Wear 2014 / p. 83-90 : ill

Wear behavior of recycled hard particle reinforced NiCrBSi hardfacings deposited by plasma transferred arc (PTA) process

Zikin, Arkadi; Hussainova, Irina; Katsich, Christian; Kulu, Priit; Goljandin, Dmitri Engineering materials and tribology 2013 / p. 179-184

https://www.researchgate.net/publication/236332219_Wear_Behaviour_of_Recycled_Hard_Particle_Reinforced_NiCrBSi_Hardfacings_Deposited_by_Plasma_Transferred_Arc_PTA_Process

Wear behaviour of doped WC–Ni based hardmetals tested by four methods

Yung, Der-Liang; Antonov, Maksim; Veinthal, Renno; Hussainova, Irina Wear 2016 / p. 171-179 : ill

<http://dx.doi.org/10.1016/j.wear.2016.02.015>

Wear of different PVD coatings at industrial fine-blanking field tests

Lind, Liina; Peetsalu, Priidu; Sergejev, Fjodor Medžiagotyra = Materials science 2015 / p. 343-348 : ill

<http://dx.doi.org/10.5755/j01.ms.21.3.7249>

Wear of PVD coatings on fineblanking punches = PVD pinnete kulumine siselõikestantsi templitel

Lind, Liina 2014 https://www.ester.ee/record=b4422007*est

Wear performance of hierarchically structured alumina reinforced by hybrid graphene encapsulated alumina nanofibers

Hussainova, Irina; Baroninš, Janis; Drozdova, Maria; Antonov, Maksim Wear 2016 / p. 287-295 : ill

<http://dx.doi.org/10.1016/j.wear.2016.09.028>

Wear performance of WC-and TiC-based ceramic-metallic composites = WC- ja TiC-baasil keraamilis-metalse te komposiitide kulumiskindlus

Roosaar, Tõnu 2010 https://www.ester.ee/record=b2634532*est

Wear resistance and selection of steels, hardmetals and hardfacings for abrasive wear conditions

Kulu, Priit; Tarbe, Riho; Saarna, Mart; Surženkov, Andrei; Peetsalu, Priidu; Talviste, Kristofer International journal of

microstructure and materials properties 2015 / p. 101-113 <http://dx.doi.org/10.1504/IJMP.2015.068718>

Wear resistance influencers of particle reinforced polymer composite

Aruniit, Aare; Kers, Jaan; Krumme, Andres; Antonov, Maksim; Allikas, Georg; Herranen, Henrik; Pabut, Ott Proceedings of 19th International Conference on Composite Materials (ICCM19) 2013

Wear resistance of HVOF sprayed coatings from mechanically activated thermally synthesized Cr₃C₂-Ni spray powder

Sarjas, Heikki; Kulu, Priit; Juhani, Kristjan; Viljus, Mart; Matikainen, Ville; Vuoristo, Petri Proceedings of the Estonian Academy of Sciences 2016 / p. 101-106 : ill

Web-based freshmen support system at Tallinn University of Technology [Electronic resource]

Teichmann, Mare; Kübarsepp, Jakob; Ilvest, Jüri jr Proceedings of Research Symposium on Problem Based Learning : Aalborg University, Denmark, June 30 - July 1, 2008 2008 / [5] p. : ill [CD-ROM]

Värvilismetallid & -sulamid : Vene, Saksa, Soome, Rootsi standardid (markeering, koostis, omadused) : vastavus

1994 https://www.ester.ee/record=b1297803*est

Ühendpooljuhtmaterjalide õhukesed kiled keemilise pihustamise meetodil = Thin films of compound semiconductor materials by chemical spray pyrolysis

Krunks, Malle; Mellikov, Enn; Varema, Tiit; Bijakina, Olga; Niinistö, L. XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 87-88

https://www.ester.ee/record=b1070511*est

Абразивная износостойкость карбидосталей

Kübarsepp, Jakob; Annuka, Harri; Valdma, Leo Тезисы докладов пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия" 1988 / с. 23-24 https://www.ester.ee/record=b1256812*est

Влияние размола на некоторые свойства металлических порошков и порошковых смесей

Kulu, Priit; Letunovitš, Sergei; Pastak, Lauri XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 133 https://www.ester.ee/record=b1322629*est

Вопросы триботехнического материаловедения порошковых карбидостальных композитов

Valdma, Leo; Kübarsepp, Jakob; Annuka, Harri Современные проблемы триботехнологии : тезисы докладов Всесоюзной научно-технологической конференций 1988 / с. 152-153

Дефектный состав порошкового сульфида кадмия с примесью серебра и хлора

Mädasson, Jaan; Krustok, Jüri; Altsaar, Mare Дефекты структуры и свойства керамики : четвертое Всесоюзное совещание по химии твердого тела, 11-13 июня 1985 г. : тезисы докладов 1985 / с. 132

Исследование методом наноиндентирования микромеханических свойств полос сдвига в нанокристаллическом чистом ниобии, полученном при интенсивной пластической деформации

Kommel, Lembit НАНО 2013 : v Всероссийская конференция по наноматериалам : сборник материалов : 23-27 сентября 2013 г., г. Звенигород 2013 / с. 414-416

Исследование некоторых условий применимости твердых сплавов TiC-сталь при абразивном и гидроабразивном изнашивании

Kübarsepp, Jakob; Annuka, Harri; Valdma, Leo Трение и износ = Friction and Wear : международный научный журнал 1985 / с. 851-858 : илл https://www.ester.ee/record=b1312784*est

Исследование температурного тушения фотопроводимости в пленках CdS

Kropman, Daniel Полупроводниковые материалы. 1 1969 / с. 107-113 : илл https://www.ester.ee/record=b1346474*est
<https://digikogu.taltech.ee/et/Item/da24f532-932d-41c5-8925-a52dfa4b18c8/>

Комплекс износостойкость - прочность порошковых карбидосталей

Valdma, Leo; Annuka, Harri; Kübarsepp, Jakob Трение и износ = Friction and Wear : международный научный журнал 1987 / с. 368-373 : илл https://www.ester.ee/record=b1312784*est

Критический радиус включений диоксида циркония в эффекте трансформационного упрочнения керамик

Filippov, Roman; Freidin, Alexander; Hussainova, Irina; Vilchevskaya, Elena Физическая мезомеханика 2014 / с. 55-64 : ил

Лазерная абляция магнитных и полупроводниковых материалов : работа ... магистра технических наук

Podgurski, Vitali 1996 https://www.ester.ee/record=b2681294*est

Механические свойства и абразивная износостойкость карбидосталей

Kübarsepp, Jakob; Rešetnjak, Heinrich; Annuka, Harri Порошковая металлургия : тезисы докладов XVI Всесоюзная научно-техническая конференция, Свердловск, 1989. Ч. 2 1989 / с. 64-65

Некоторые закономерности изнашивания карбидосталей в условиях абразивной эрозии

Rešetnjak, Heinrich; Kübarsepp, Jakob; Sepp, A.; Annuka, Harri Трение и износ = Friction and Wear : международный научный журнал 1989 / с. 525-529 : илл https://www.ester.ee/record=b1312784*est

Некоторые проблемы изготовления и применения карбидотитановых сплавов со стальным связками

Kübarsepp, Jakob; Valdma, Leo; Annuka, Harri Металловедение и термическая обработка металлов : [ежемесячный научно-технический и производственный журнал] 1987 / с. 43-45 : илл

Некоторые проблемы применения термической обработки сплавов TiC-сталь

Kübarsepp, Jakob; Annuka, Harri; Valdma, Leo Безвольфрамовые порошковые твердые сплавы и карбидостали. Часть 1 : тезисы докладов IV республиканской научно-технической конференции 1985 / с. 15-17 : таб https://www.ester.ee/record=b1253975*est

Некоторые пути повышения износостойкости твердых сплавов TiC-сталь в абразивной струе

Kübarsepp, Jakob; Valdma, Leo; Annuka, Harri Трение и износ = Friction and Wear : международный научный журнал 1985 / с. 698-703 : илл https://www.ester.ee/record=b1312784*est

О Методике испытания наплавов в гидроабразивной среде

Vakker, G.; Kallas, Paul XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 128 https://www.ester.ee/record=b1322629*est

О составе химически пульверизированных пленок сульфида свинца

Tõnsberg, Pärtel; Nirk, M. II республиканская конференция молодых ученых-химиков, 17-19 мая 1977 : тезисы докладов. Часть 2 1977 / с. 105 https://www.ester.ee/record=b1308855*est

Порошковые дисперсионно-твердеющие сплавы на основе меди : работа на соискую степ. магистра техн. наук

Letunovitš, Sergei 1992 https://www.ester.ee/record=b2631161*est

Проблемы выбора состава твердых сплавов для изготовления износостойких деталей

Kübarsepp, Jakob; Valdma, Leo; Annuka, Harri Безвольфрамовые порошковые твердые сплавы и карбидостали. Часть 1 : тезисы докладов IV республиканской научно-технической конференции 1985 / с. 13-15 https://www.ester.ee/record=b1253975*est

Прочность при изгибе и ударная вязкость карбидосталей

Kübarsepp, Jakob; Annuka, Harri Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1989 / с. 75-79 : илл https://www.ester.ee/record=b1645489*est

Прочность, вязкость и пластичность карбидосталей

Kübarsepp, Jakob; Annuka, Harri; Rešetnjak, Heinrich Тезисы докладов пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия" 1988 / с. 19-21 https://www.ester.ee/record=b1256812*est

Разработка технологии изготовления порошковых композиционных магнитомягких материалов (ПКММ) : работа на соиск. степ. магистра техн. наук

Liimann, Väino 1992 https://www.ester.ee/record=b2631149*est

Руководство к лабораторным работам по технологии конструкционных материалов

2006 http://www.ester.ee/record=b2166920*est

Структурно-фазовый состав и механизмы изнашивания плазменного покрытия системы NiCrSiB-20% (мас.) TiB2

Umanskii, A.; Storoženko, M.; **Hussainova, Irina; Antonov, Maksim** Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 2014 / с. 57-68

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

Упругие модели дефектов в двумерных кристаллах

Kolesnikova, Anna; Orlova, T.; **Hussainova, Irina**; Romanov, Alexey Физика твердого тела 2014 / с. 2480-2485 : ил

Условия размола порошковых смесей сталь - карбид титана

Arensburger, Daniil; Kübarsepp, Jakob Порошковая металлургия : сборник статей. 2 1977 / с. 3-10 : илл https://www.ester.ee/record=b2111366*est <https://digikogu.taltech.ee/et/Item/70a3ad25-126c-4b5f-b887-e5dc1aa558b3>