

Ab initio calculations of elastic properties of isotropic and oriented Ti(1-x)AlxN hard coatings

Podgurski, Vitali Journal of physics D : applied physics 2007 / 13, p. 4021-4026

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 / [9] p. : ill

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 resistant composite hardfacings with ex-situ and in-situ synthesized carbide reinforcement = Abrasiivkulumiskindlad komposiitpindad ex-situ ja in-situ sünteetitud karbiidkõvafaasiga

Tkachivskiy, Dmytro 2021 <https://doi.org/10.23658/taltech.41/2021> <https://digikogu.taltech.ee/et/Item/4ee05e38-b68b-4bb6-a708-6f2b8159f947>

Advanced chromium carbide based hardfacings

Zikin, Arkadi; Hussainova, Irina Surface & coatings technology 2012 / p. 4270-4278 : ill

Advanced multifunctional materials and their applications

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

ALD applied to conformal rare-earth coating of ZnO nanoparticles for low temperature thermal imaging applications

Rauwel, Erwan; Galeckas, Augustinas; Rauwel, Protima ECS transactions 2014 / p. 23-31 : ill <http://dx.doi.org/10.1149/06409.0023ecst>

Application of composite thermal sprayed coatings

Kulu, Priit; Tarbe, Riho; Zimakov, Sergei Proceedings of International Surface Engineering Congress (ISEC) : 15-18 May 2006, Seattle, USA 2006 / p. 19-25 : ill

Arkadi Zikin - uute pindade looja : [intervjuu doktorandiga]

Karu, Veiko Inseneeria 2013 / lk. 20-21 : fot https://artiklid.einet.ee/record=b2611915*est

Armor materials' behavior under repetitive dense plasma shots

Shirokova, Veronika; Laas, Tõnu; Mikli, Valdek Physica scripta 2014 / p. 1-5 : ill

Assessment of gradient and nanogradient PVD coatings behaviour under erosive, abrasive and impact wear conditions

Antonov, Maksim; Hussainova, Irina; Sergejev, Fjodor; Kulu, Priit; Gregor, Andre Wear 2009 / p. 898-906 : ill

Automatic evaluation of the structure parameters of WC-Co thermal spray coating by image analysis techniques

Peetsalu, Priidu; Mikli, Valdek; Ratas, Kaarin; Kulu, Priit 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 49

Betoonist teed ei ole liigne luksus, vaid arukas kokkuhoid

Vill, Ants Postimees 2021 / Lk. 12 : ill <https://dea.digar.ee/article/postimees/2021/01/13/10.5>

Bussiootekodade pingid saavad katte : [kattematerjalide soojusjuhtivuse uuringud TTÜst]

Tooming, Urmas Postimees 2008 / 12. det., lk. 9

Calibration methods of coating thickness gauges = Pindepaksuse mõõtevahendite kalibreerimismeetodite uurimine

Abiline, Indrek 2008 http://www.ester.ee/record=b2431359*est

Calibration methods of coating thickness standards = Pindepaksusetalonide kalibreerimismeetodid

Riim, Jüri 2011 <https://digi.lib.ttu.ee/i/?608>

Calibration of coating thickness gauges

Abiline, Indrek; Laaneots, Rein; Nanits, Mats-Maidu Proceedings 10th IMEKO TS7 International Symposium on Advances of Measurement Science : June 30-July 2, 2004, Saint-Petersburg, Russia. Vol. 2 2004 / p. 372-375 : ill

Calibration of coating thickness gauges

Abiline, Indrek; Laaneots, Rein; Nanits, Mats-Maidu Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 117-119 : ill

Calibration of coating thickness gauges

Laaneots, Rein; Põdra, Priit METROLOGIE 97 : 8e Congrès International de Metrologie, Besançon-France, 20 au 23 octobre 1997 : actes des conférences 1997 / p. 59-64: ill

Cavitation resistance of WC-10Co4Cr and WC-20CrC-7Ni HVOF coatings

Korobov, Yuri; Alwan, H.; Soboleva, Natalia; **Antonov, Maksim** Journal of Thermal Spray Technology 2022 / p. 234–246
<https://doi.org/10.1007/s11666-021-01242-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 <https://www.sciencedirect.com/science/article/pii/S0257897213001825>

Characterisation of TiC-NiMo reinforced NiCrBSi hardfacing

Zikin, Arkadi; **Hussainova, Irina;** Badisch, Ewald; Danninger, Herbert Proceedings 20th IFHTSE : International Federation for Heat Treatment and Surface Engineering Congress : Beijing, China, October 23-25, 2012 2012 / p. 535-540
<https://www.sciencedirect.com/science/article/pii/S0257897213001825>

Characterisation of ultrasonically sprayed InxSy buffer-layers for Cu(In,Ga)Se2 solar cells

Ernits, Kaia; Bremaud, D.; **Mellikov, Enn** Thin solid films 2007 / 15, p. 6051-6054
<https://www.sciencedirect.com/science/article/abs/pii/S0040609006016178>

Characterization of coating systems by indentation method

Kulu, Priit; **Gregor, Andre;** **Saarna, Mart;** **Sivitski, Alina;** **Sergejev, Fjodor;** **Surženkov, Andrei** Acta metallurgica Slovaca conference 2010 / 1, p. 616-624 : ill

Characterization of the structure and modelling of wear composite with multimodal reinforcement powder materials and coatings [Electronic resource]

Kulu, Priit; **Veinthal, Renno** Proceedings of XIth International Conference on Composites/Nano Engineering : ICCE-12 : Tenerife, Spain 2005 / ? p. [CD-ROM]

Characterization of the structure and properties of composite powder materials and coatings

Veinthal, Renno; **Kulu, Priit;** **Käerdi, Helmo** Materials science = Medžiagotyra 2005 / 4, p. 376-380 : ill

Characterization of WC-Co composite thermal spray powder and coating

Peetsalu, Priidu; **Zimakov, Sergei;** **Pirso, Jüri;** **Mikli, Valdek;** **Tarbe, Riho;** **Kulu, Priit** 15th International Baltic Conference "Engineering Materials & Tribology, Baltattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 52-53

Characterization of WC-Co composite thermal spray powders and coatings

Peetsalu, Priidu; **Zimakov, Sergei;** **Pirso, Jüri;** **Mikli, Valdek;** **Tarbe, Riho;** **Kulu, Priit** Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 4, p. 435-444 : ill

Characterization of WC-Co thermal spray coatings based on the composite powders

Peetsalu, Priidu; **Zimakov, Sergei;** **Pirso, Jüri;** **Mikli, Valdek;** **Tarbe, Riho;** **Kulu, Priit** Powder metallurgy progress : journal of science and technology of particle materials 2006 / p. 34-41 : ill

Coating of ammonium nitrate prills with limestone and dolomite powders

Klimova, Irina; Trubatšenko, Marina; **Kaljuvee, Tiit;** **Mikli, Valdek** WCPT6 2010 : World Student Congress on Particle Technology : Delft, The Netherlands, April 22-25, 2010 : book of abstracts, conference program 2010 / p. 50 : ill

Comparative analysis of HVAC cable metallic sheath modelling approaches for network studies

Kangro, Triin; **Kilter, Jako;** De Silva, Jeewantha 2018 18th International Conference on Harmonics and Quality of Power (ICHQP 2018) : Ljubljana, Slovenia, 13 – 16 May 2018 2018 / 6 p. : ill <https://doi.org/10.1109/ICHQP.2018.8378924>

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

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

Comparative analysis of residual stresses in flame-sprayed and electrodeposited coatings using substrate deformation and hole-drilling methods

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; Toropov, Stanislav; **Veinthal, Renno;** **Surženkov, Andrei** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [I] 2010 / p. 474-479

Comparative study of siox layers deposition using thermal and uv-assisted curing of perhydropolysilazane

Shmagina, Elizaveta; **Bereznev, Sergei** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 50
https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Comparative study of the PVD coatings on the plasma nitrided steel

Surženkov, Andrei; Põdra, Priit; Sergejev, Fjodor; Saarna, Mart; Adoberg, Eron; Mikli, Valdek; Viljus, Mart; Kulu, Priit Materials science = Medžiagotyra 2012 / p. 40-44 : ill <https://matsc.ktu.lt/index.php/MatSc/article/view/1339>

Comparison of curvature and X-Ray methods for measuring of residual stresses in hard PVD coatings
Lille, Harri; Kõo, Jakub; **Gregor, Andre; Ryabchikov, Alexander; Sergejev, Fjodor; Traksmaa, Rainer; Kulu, Priit** Materials science forum 2011 / p. 455-460

Comparison of damages in tungsten and tungsten doped with lanthanum-oxide exposed to dense deuterium plasma shots
Shirokova, Veronika; Laas, Tõnu; **Mikli, Valdek** Journal of nuclear materials 2013 / p. 181-188 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0022311512006848>

Composite powders for coatings on the base of recovered hard metals
Kulu, Priit; Tümanok, Aleksei; Arensburger, Daniil; Pihl, Toomas Reports and theses of International Conference of Welding Technologies, Equipment, Materials : MET-97 1997 / p. 135-143

Corrosion behavior of high velocity oxy-fuel sprayed composite Ni-/Fe-based self-fluxing alloy - cermet coatings
Sarjas, Heikki; **Surženkov, Andrei; Baroninš, Janis; Viljus, Mart; Traksmaa, Rainer; Kulu, Priit** Journal of mineral, metal and material engineering 2018 / p. 1-9 : ill <http://www.scientificarray.org/journal-of-mineral-metal-and-material-engineering-volume-4/>

Corrosion of the plastic-coated sheet metal
Kallavus, Urve; Põldme, Meeme 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 48: ill

Corrosion performance and structure of the titanium-based coatings deposited onto stainless steel substrate with arc plating
Rudenja, Sergei; Kulu, Priit; Talimets, Ellen; Mikli, Valdek; Erikhov, F.; Straede, C.A.; Zwiig, T. Proceedings of the 40th Annual Technical Conference / Society of Vacuum Coaters 1997 / p. 58-63 : ill

Corrosion performance of duplex TiN coatings deposited by arc plating
Rudenja, Sergei; Kulu, Priit; Talimets, Ellen; Mikli, Valdek; Straede, C.A. Surface & coatings technology 1998 / p. 247-250 : ill

Corrosion performance of titanium-based composite coatings deposited by physical vapour deposition
Rudenja, Sergei; Kulu, Priit; Talimets, Ellen; Mikli, Valdek; Forsen, Olof Proceedings of the Estonian Academy of Sciences. Engineering 1996 / p. 14-25 : ill

Cu₂Zn_{1-x}CdSn(Se_{1-y}Sy)₄ solid solutions as absorber materials for solar cells
Altosaar, Mare; Raudoja, Jaan; Timmo, Kristi; Danilson, Mati; Grossberg, Maarja; Krustok, Jüri; Mellikov, Enn Physica status solidi (a) : applications and materials science 2008 / 1, p. 167-170 : ill <https://colab.ws/articles/10.1002%2Fpssa.200776839>

Cyclic loading of TiCN coating by Vickers indentation
Saarna, Mart; Lind, Liina; Peetsalu, Priidu; Sergejev, Fjodor Engineering materials and tribology XXV 2017 / p. 425-429
<http://dx.doi.org/10.4028/www.scientific.net/KEM.721.425>

Densification and microstructure development in zirconia toughened hardmetals
Voltšihhin, Nikolai; Hussainova, Irina; Cura, M. Erkin; Hannula, Simo-Pekka; Traksmaa, Rainer Engineering materials and tribology 2013 / p. 50-55 : ill

Dependence of the friction coefficient on roughness parameters during early stage fretting of (Al,Ti)N coated surfaces
Podgurski, Vitali; Adoberg, Eron; Surženkov, Andrei; Kimmari, Eduard; Viljus, Mart; Mikli, Valdek; Hartelt, M.; Wäsche, R.; Šima, M.; Kulu, Priit Wear 2011 / p. 853-858 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0043164811001815>

Description of punch wear mechanism during fine blanking process
Lind, Liina; Peetsalu, Priidu; Põdra, Priit; Adoberg, Eron; Veinthal, Renno; Kulu, Priit Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 504-509 : ill

Determination of mechanical properties of thin hard coatings using nanoindentation
Yaldiz, Can Emrah; **Veinthal, Renno; Gregor, Andre;** Georgiadis, Kyriakos 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 48

Determination of modulus of elasticity, nanohardness and residual stresses in brush-plated gold and silver coatings on copper substrate
Lille, Harri; Kõo, Jakub; Rjabtšikov, Aleksander; **Veinthal, Renno; Mikli, Valdek; Sergejev, Fjodor** Materials science = Medžiagotyra 2012 / p. 51-56 : ill
https://www.researchgate.net/publication/266348938_Determination_of_Modulus_of_Elasticity_Nanohardness_and_Residual_Stresses_in_Brush-plated_Gold_and_Silver_Coatings_on_Copper_Substrate

Determination of residual stresses in thermal and cold sprayed coatings by the hole-drilling method

Ryabchikov, Alexander; Lille, Harri; Toropov, Stanislav; Kõo, Jakob; Pihl, Toomas; **Veinthal, Renno** Materials science forum 2011 / p. 171-176

Diamond-like carbon coatings on NdFeB magnets

Kruusing, Arvi; Podgurski, Vitali; Osvet, Andres; Herranen, Merja Proceedings of the Estonian Academy of Sciences. Engineering 1998 / 1, p. 26-33: ill

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 TiN coatings deposited by arc plating for increased corrosion resistance of stainless steel substrates

Rudenja, Sergei; Leygraf, C.; Pan, J.; **Kulu, Priit; Talimets, Ellen; Mikli, Valdek** Surface & coatings technology 1999 / p. 129-136 : ill [http://dx.doi.org/10.1016/S0257-8972\(99\)00033-X](http://dx.doi.org/10.1016/S0257-8972(99)00033-X)

Duplex titanium nitride coatings for corrosion prevention of stainless steel substrate

Rudenja, Sergei; Kulu, Priit; Talimets, Ellen; Mikli, Valdek Proceedings [of] Joint Nordic Conference in Powder Technology, November 26-27, 1997, Helsinki 1997 / p. 37

Duplex titanium nitride coatings resist corrosion better

Rudenja, Sergei Advanced coatings & surface technology 1999 / 9, p. 4-5

Effect of electrode covering composition on the microstructure, wear, and economic feasibility of Fe-C-Cr manual arc-welded hardfacings

Jankauskas, Vytenis; Katinas, Egidijus; Laskauskas, Arturas; **Antonov, Maksim;** Varnauskas, Valentinas; Gedzevičius, Irmantas; Aleknevičiene, Vilija Coatings 2020 / art. 294, 19 p. : ill <https://doi.org/10.3390/coatings10030294> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of HBN on wear of AlCrN-coated spark plasma - sintered TiB₂/Ti composites at temperatures up to 900°C

Luszcz, Maciej; Michalczewski, Remigiusz; Kalbarczyk, Marek; Osuch-Słomka, Edyta; Molenda, Jaroslaw; **Liu, Le; Antonov, Maksim; Hussainova, Irina** Quarterly tribologia 2022 / p. 43-55 <https://doi.org/10.5604/01.3001.0015.8756>

Effect of laser heat treatment on AlxTi1-xN-based PVD coatings, deposited on carbon and tool steel substrates

Surženkov, Andrei; Viljus, Mart; Antonov, Maksim; Kübarsepp, Jakob; Juhani, Kristjan; Kulu, Priit; Vagiström, Heinar; Jankauskas, Vytenis; Leišys, Rimtautas; Bendikiene, Regita; Adoberg, Eron; Peetsalu, Priidu; **Mere, Arvo; Gregor, Andre** Surface and coatings technology 2022 / art. 128771 <https://doi.org/10.1016/j.surfcoat.2022.128771> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 Local Remelting and Recycled WC-Co Composite Reinforcement Size on Abrasive and Erosive Wear of Manual Arc Welded Hardfacings

Katinas, Egidijus; **Antonov, Maksim;** Jankauskas, Vytenis; **Goljandin, Dmitri** Coatings 2023 / art. 734 <https://doi.org/10.3390/coatings13040734> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 tribosystem and inertia on run-in behavior of PVD coatings

Antonov, Maksim; Adoberg, Eron; Hussainova, Irina; Goljandin, Dmitri; Zikin, Arkadi ECOTRIB 2011 : 3rd European Conference on Tribology and 4th Vienna International Conference on Nano-Technology : June 7-9, 2011, Vienna, Austria. 1 2011 / p. 159-164

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 (BALTMATRIB & 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>

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

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

Electrochemical behaviour of the duplex coatings in acidic electrolyte

Talimets, Ellen; Kulu, Priit; Rudenja, Sergei; Pan, J.; Leygraf, C.; **Mikli, Valdek** 2nd Baltic Conference on Electrochemistry : Palanga, Lithuania, 10-12 June : extended abstracts 1999 / p. 159

Electrochemical evaluation of TiN coatings

Rudenja, Sergei; Kulu, Priit; Talimets, Ellen; Mikli, Valdek; Straede, C.A.; Zwieng, T. Proceedings of the Symposium on Interconnect and Contact Metallization 1998 / p. 108-119 : ill

Electrochemical evaluation of TiN coatings

Rudenja, Sergei; Kulu, Priit; Talimets, Ellen; Mikli, Valdek; Straede, C.A.; Zwieng, T. Meeting abstracts / The Electrochemical Society and The International Society of Electrochemistry 1997 / p. 1870

Electrosynthesized molecularly imprinted polymer thin films for antibiotics detection in aqueous solutions

Tretjakov, Aleksei; Sõritski, Vitali; Reut, Jekaterina; Zhang, Y.; Öpik, Andres Graduate Student Symposium on Molecular Imprinting 2013 : symposium programme and book of abstracts 2013 / p. 35

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

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

Engineering materials and tribology

2013

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

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

Erosion and impact wear resistance of thermal sprayed coatings

Kulu, Priit; Tarbe, Riho; Veinthal, Renno Surface modification technologies : proceedings of the 20th International Conference on Surface Modification Technologies : September 25-29, 2006, Vienna, Austria 2007 / p. 94-99 : ill

Erosion and impact wear resistance of thermal sprayed coatings [Electronic resource]

Kulu, Priit; Tarbe, Riho; Veinthal, Renno Proceedings of 15th IFHTSE and 20 SMT Congress : September 2006, Vienna 2006 / [CD-ROM]

Erosion wear of PM materials and coatings : prediction and control

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

Erosive wear resistance of HVOF sprayed coatings

Kulu, Priit; Veinthal, Renno; Zimakov, Sergei Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 64-65

Evaluation method of coating thickness of coating thickness standard

Laaneots, Rein; Riim, Jürgen 14 International Congress of Metrologie : Paris, France, 22-25 juin 2009 2009 / ? p

Evaluation of mechanical properties and residual stresses of hard PVD coatings

Gregor, Andre; Lille, Harri; Kõo, Jakob; **Sergejev, Fjodor; Traksmaa, Rainer; Sivitski, Alina; Kulu, Priit** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 34

Evaluation of residual stresses in PVD coatings by means of tubular substrate length variation

Lille, Harri; Ryabchikov, Alexander; Kõo, Jakob; **Adoberg, Eron; Mikli, Valdek; Kübarsepp, Jakob; Peetsalu, Priidu** Residual Stresses 2018 ECRS-10 : 10th European Conference on Residual Stresses (ECRS10) : Leuven, Belgium, 11-14th September, 2018 2018 / p. 131-136 : ill <https://doi.org/10.21741/9781945291890-21>

Evaluation of uncertainties of measurement for residual stresses in coatings determined by the dilatometric method

Rjabtšikov, Aleksander; Lille, Harri; **Laaneots, Rein** Materials science forum 2006 / Residual stresses VII, p. 259-264

Evaluation method of coating thickness of coating thickness standard

Laaneots, Rein; Riim, Jürgen; Leibak, Alar Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [I] 2010 / p. 245-250

Experimental spray powders and coatings produced from recycled hardmetal by various mechanical methods

Tarbe, Riho; Zimakov, Sergei; Peetsalu, Priidu; Kulu, Priit; Mikli, Valdek Euro PM2006 : congress & exhibition : proceedings :

PM in Belgium, a crossroads in industry development : 23-25 October 2006 : Ghent, Belgium. Vol. 1, Hard materials 2006 / p. 259-264

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

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

Formation of microstructure of spray fused powder coatings

Pihl, Toomas; Kulu, Priit Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 201-204 : ill

Formation of microstructure of spray-fused powder coatings

Kulu, Priit; Pihl, Toomas; Tammjärv, Kristi; Vuoristo, Petri Materials Engineering & Baltrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 148-153 : ill

Formation of microstructure of spray-fused powder coatings

Kulu, Priit; Pihl, Toomas; Tammjärv, Kristi; Vuoristo, Petri Proceedings of the Estonian Academy of Sciences. Engineering 2002 / 1, p. 38-51 : ill

Fracture mechanism of powder materials and coatings by abrasive erosion

Kulu, Priit; Kallas, Paul; Kübarsepp, Jakob International Conference Structure and Properties of the Brittle and Quasiplastic [i.e. Quasiplastic] Materials : June 14-16, 1994, Riga, Latvia : proceedings 1994 / p. 51-55

Hard coatings manufacturing technology used in tooling

Gregor, Andre; Podgurski, Vitali; Adoberg, Eron; **Kulu, Priit** Proceedings of the 5th International Conference of DAAAM Baltic : Industrial Engineering - Adding Innovation Capacity of Labour Force and Entrepreneur : 20-22 April 2006, Tallinn, Estonia 2006 / p. 255-260 : ill

High temperature tribological performance of adaptive hard nanocomposite coatings deposited on a WC-Co substrate

Alamgir, Asad; Bogatov, Andrei; Yashin, Maxim; Viljus, Mart; Sondor, J.; Podgurski, Vitali GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 12 <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

High temperature wear of cermet particle reinforced NiCrBSi hardfacing

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

HVOF sprayed Fe-Based wear-resistant coatings with carbide reinforcement, synthesized in situ and by mechanically activated synthesis

Tkachivskiy, Dmytro; Juhani, Kristjan; Surženkov, Andrei; Kulu, Priit; Antonov, Maksim; Goljandin, Dmitri Coatings 2020 / art. 1092, 15 p. : ill <https://doi.org/10.3390/coatings10111092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

HVOF thermal spray coatings of different powders

Abdel Aal, Alsayed; **Zimakov, Sergei; Kulu, Priit;** Kaytbay, S.H.M. 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 44-45

Indentation method application for cracking resistance evaluation of hard coatings on tool steels

Sivitski, Alina; Gregor, Andre; Saarna, Mart; Kulu, Priit; Sergejev, Fjodor 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 51

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

Impact erosive wear resistance of thermal sprayed WC-Co coatings

Kulu, Priit; Zimakov, Sergei; Veinthal, Renno Materials Engineering & Baltrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 187-192 : ill

Impact wear performance of thin hard coatings on TiC cermets

Veinthal, Renno; Sergejev, Fjodor; Yaldiz, Can Emrah; **Mikli, Valdek** 18th IFHTSE Congress : 2010 July 26th to 30th, Rio de Janeiro, Brazil 2010 / p. 5046-5056 : ill. [CD-ROM]

In situ evaluation of porous coating quality

Tehver, Jaan; Temkina, Valentina Proceedings of the Estonian Academy of Sciences. Engineering 1996 / 1, p. 130-136: ill

Indentation hardness as a tool for powder coating characterization

Veinthal, Renno Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 40

Influence of Cr, Ti and Zr oxides formation on high temperature sliding of NiAl-based plasma spray coatings

Poliarus, Olena; Umanskyi, Oleksandr; Ukrainets, Maksym; Kostenko, Oleksii; **Antonov, Maksim; Hussainova, Irina** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 308-312 : ill
<http://dx.doi.org/10.4028/www.scientific.net/KEM.674.308>

Influence of laser hardening to the sliding wear resistance of the PVD (Al,Ti)N-G and nAlCo® 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 porous coating on the boiling burnout heat flux

Tehver, Jaan Tallinna Tehnikaülikooli Toimetised 1991 / lk. 80-90: ill

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

Influence of surface roughness on the tribological behaviour of the PVD coatings

Surženkov, Andrei; Adoberg, Eron; Viljus, Mart; Podgurski, Vitali; Veinthal, Renno; Kulu, Priit; Gregor, Andre 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 38

Influence of the technology to the properties of gas-flame coatings

Pihl, Toomas; Kulu, Priit Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98 1998 / p. 118-121: ill

Influence of the treatment period on the morphology and the chemical composition of the thermally activated orthodontic archwires

Petrov, Valery; Terzieva, Stanimira; Tumbalev, V.; **Mikli, Valdek; Andreeva, Laura; Stoyanova-Ivanova, Angelina** Bulgarian chemical communications 2015 / p. 234-238 : ill

Investigation into the residual stresses in gasflame sprayed coatings

Kulu, Priit; Kõo, Jakob; Lille, Harri; Pihl, Toomas Tallinna Tehnikaülikooli Toimetised 1994 / lk. 17-31: ill

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 nanostructured and conventional alumina–titania coatings prepared by air plasma spray process

Ibrahim, Alsayed; Abdel Hamid, Z.; **Abdel Aal, Alsayed** Materials science and engineering : A - structural materials: properties, microstructure and processing 2010 / 3, p. 663-668 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0921509309009848>

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

Lille, Harri; Kõo, Jakob; 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 some properties of brush-plated gold and silver galvanic coatings

Lille, Harri; Kõo, Jakob; 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

Ionic liquids as background electrolyte additives and coating materials in capillary electrophoresis

Vaher, Merike; Borissova, Maria; Koel, Mihkel; Kaljurand, Mihkel Proceedings of the Estonian Academy of Sciences. Chemistry 2007 / 4, p. 187-198 : ill

Jätakuks probleemidele katendite dimensioneerim[is]el

Aavik, Andrus Teeleht 2003 / 3, lk. 3-8 : ill

Maavara kasutamise katematerjalidena prügilate sulgemisel

Mets, Mait; Torn, Hardi Ehitusmaterjalide kaevandamine ja varud : Eesti Mäekonverents 2005 2005 / lk. 87-89

Masinaehitusmaterjalid

1991 https://www.ester.ee/record=b1253831*est

Measurement and relaxation observation of residual stresses in brush-plated gold coating depending on the current density

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; **Veinthal, Renno; Mikli, Valdek** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 50

Measurement of residual stresses in brush-plated nickel coating

Lille, Harri; Kõo, Jakob; **Pihl, Toomas** Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 185-188 : ill

Mechanically activated synthesis of nanocrystalline chromium carbide powders

Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei Nanopowders, Nanostructured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 34-36 : ill

Mechanical properties of PVD coatings on TiC-based cermets

Veinthal, Renno; Yaldiz, Can Emrah; **Gregor, Andre** 1st Mediterranean Conference on Heat Treatment and Surface Engineering : Heat Treatment and Surface Engineering in the Manufacturing of Metallic Engineering Components : December 1-3, 2009, Sharm El-Sheikh, Egypt 2009 / p. 54

Metallic coatings through additive manufacturing: a review

Mohanty, Shalini; Prashanth, Konda Gokuldoss Materials 2023 / art. 2325 : ill <https://doi.org/10.3390/ma16062325> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methods and instruments for calibration of coating thickness gauges

Laaneots, Rein XIV IMEKO World Congress : New Measurements - Challenges and Visions, 1-6 June 1997, Tampere, Finland. Vol. 8, Topic 14 1997 / p. 284-291 : ill

Micromechanical properties and wear resistance of powder coatings

Veinthal, Renno; Zimakov, Sergei; Kulu, Priit Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 216-219 : ill

Microstructural aspects of abrasive wear of composite powder materials and coatings

Veinthal, Renno; Kulu, Priit; Käerdi, Helmo International journal of materials & product technology 2011 / p. 92-119 : 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 of the hard coatings deposited by arc ion plating

Rudenja, Sergei Junior EUROMAT '96 : European Conference : August 26-30, Lausanne, Switzerland : [abstracts] 1996

Mikroobivastaste pindade katsetused jäävad ohtlikult eluvõraks [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2022 "[Mikroobivastaste pindade katsetused jäävad ohtlikult eluvõraks](#)"

Modeling of erosion wear of powder composite materials and coatings

Veinthal, Renno; Kulu, Priit; Käerdi, Helmo Surface modification technologies : proceedings of the 20th International Conference on Surface Modification Technologies : September 25-29, 2006, Vienna, Austria 2007 / p. 129-132 : ill

Modelling of abrasive wear and prognostication of erosion resistance of powder materials and coatings

Kulu, Priit; Veinthal, Renno; Käerdi, Helmo International Conference HighMatTech : October 15-19, 2007, Kiev, Ukraine : proceedings of conference 2007 / p. 472

Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia

2019 https://www.ester.ee/record=b5235278*est <https://doi.org/10.4028/www.scientific.net/KEM.799>

Modification of light absorption in thin CuInS₂ films by sprayed gold nanoparticles

Mere, Arvo; Katerski, Atanas; Oja Acik, Ilona; Dolgov, Leonid; Sildos, Ilmo; Krunks, Malle NANOSMAT Conference, 22-25 September 2013, Granada, Spain : abstracts book 2013

Molecularly imprinted poly(m-phenylenediamine) films as a sensing layer for antibiotic detection

Tretjakov, Aleksei; Sõritski, Vitali; Reut, Jekaterina; Zhang, Y.; Öpik, Andres; Hinrichs, Karsten; Rappich, Jörg Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts] 2013 / p. 41

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

Multifunctional, multilayered and nanostructured hard coatings

Podgurski, Vitali Nanopowders, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 25-26

Mõõtmise : mõõdundus. Pindepaksusmõõturite kalibreerimine : aastatel 1991-1997 avaldatud teadustööde koopiade kogumik. 5

Laaneots, Rein 1997 https://www.ester.ee/record=b2641553*est

Nanopowders and nanostructured coatings

Kulu, Priit; Zimakov, Sergei; Podgurski, Vitali; Peetsalu, Priidu; Tarbe, Riho Nanopowders, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 8

Nanopowders, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts

2005 http://www.ester.ee/record=b2038086*est

New composite coatings on the base of recycled hardmetals

Zimakov, Sergei; Tarbe, Riho; Kulu, Priit Thermal Spray 2003 : proceedings of the International Thermal Spray Conference : [Orlando, Florida, 5-8 May 2003] 2003 / p. 455-459

Novel Cu₂CdSnS₄ and Cu₂ZnGeSe₄ absorber materials for monograin layer solar cell application

Timmo, Kristi; Kauk-Kuusik, Marit; Altosaar, Mare; Raudoja, Jaan; Raadik, Taavi; Grossberg, Maarja; Varema, Tiit; Pilvet, Maris; Leinemann, Inga; Volobujeva, Olga; Mellikov, Enn EU PVSEC proceedings 2013 / p. 2385-2388 : ill

Novel thermally sprayed corrosion and wear resistant coatings

Kulu, Priit; Zimakov, Sergei; Goljandin, Dmitri; Peetsalu, Priidu Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 169-172 : ill

On residual stresses in flame sprayed coatings

Lille, Harri; Kõo, Jakob; **Kulu, Priit; Pihl, Toomas** Proceedings of the 8th International Baltic Conference : Materials Engineering-99 : September 23-24, Kaunas, Lithuania 1999 / p. 156

On residual stresses in flame sprayed coatings

Lille, Harri; Kõo, Jakob; **Kulu, Priit; Pihl, Toomas** Medžiagotyra = Materials science 1999 / 2, p. 27-29: ill

On the residual stresses in melted Ni-based powder coatings

Lille, Harri; Kõo, Jakob; **Kulu, Priit; Pihl, Toomas** Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98 1998 / p. 110-113: 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

Performance of tool steels strengthened by PVD coatings in adhesion and cyclic loading wear conditions

Tšinjan, Aleksei; **Klaasen, Heinrich; Kübarsepp, Jakob; Adoberg, Eron; Talkop, Adolf; Viljus, Mart** Proceedings of EURO PM 2011 Congress & Exhibition : October 9-12, 2011, Barcelona, Spain 2011 / [6] p.: ill
https://www.researchgate.net/publication/286309089_Performance_of_tool_steels_strengthened_by_PVD_coatings_in_adhesion_and_cyclic_loading_wear_conditions

Pindepaksusmõõturite kalibreerimise meetodid ja mõõtevahendid : ajavahemikus 1970-1980 avaldatud teadustööde koopiade kogumik. 1

Laaneots, Rein 1980 https://www.ester.ee/record=b2641412*est

Pinnete paksuse mõõtmine

Laaneots, Rein; Roosimõlder, Lembit Tehnika ja Tootmine 1991 / 7/8, lk. 19-21: fotod

Pinnete paksuse mõõtmine : meetodid, mõõtevahendid ja jälgitavus : aastatel 1986-1990 avaldatud teadustööde koopiade kogumik. 3

Laaneots, Rein 1990 https://www.ester.ee/record=b2641436*est

Pinnete paksuse mõõtmine : meetodid, mõõtevahendid ja jälgitavus : aastatel 1991-1994 avaldatud teadustööde koopiade kogumik. 4

Laaneots, Rein 1995 https://www.ester.ee/record=b2641468*est

Plastikkattega tsinkpleki korrosioon

Kallavus, Urve; Põldme, Meeme XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 43: ill

p-n junction improvements of Cu₂ZnSnS₄/CdS monograin layer solar cells

Kauk-Kuusik, Marit; Timmo, Kristi; Danilson, Mati; Altosaar, Mare; Grossberg, Maarja; Ernits, Kaia Applied surface science 2015 / p. 795-798 : ill <http://dx.doi.org/10.1016/j.apsusc.2015.09.094>

POLYALPAN - üks võimalik fassaadikattematerjal

Õiger, Karl Ehituskaar 1997 / 10, lk. 14-16: ill

Polyalpan - üks võimalik fassaadikattematerjal

Õiger, Karl Ehitaja 1998 / lk. 20-21: ill https://www.ester.ee/record=b1072123*est

Poly(m-phenylenediamine) thin films molecularly imprinted with antibiotics as a recognition material for biosensor application

Sõritski, Vitali; Reut, Jekaterina; Tretjakov, Aleksei; Õpik, Andres; Hinrichs, Karsten; Rappich, Jörg Polymers for advanced technologies 2013 / p. 153

Post-growth annealing effect on the performance of Cu₂ZnSnSe₄ monograin layer solar cells

Kauk-Kuusik, Marit; Altosaar, Mare; Muska, Katri; Pilvet, Maris; Raudoja, Jaan; Timmo, Kristi; Varema, Tiit; Grossberg, Maarja; Mellikov, Enn; Volobujeva, Olga Thin solid films 2013 / p. 18-21 : ill

Prognosis of abrasive-erosive wear resistance of powder coatings [Electronic resource]

Kulu, Priit 23rd Meeting IRG-OECD, Coimbra, 2002 2002 / p. 14 [CD-ROM]

Properties and performance of hard coatings on tool steels under cyclic indentation

Sivitski, Alina; Gregor, Andre; Saarna, Mart; Kulu, Priit; Sergejev, Fjodor Acta mechanica Slovaca 2009 / p. 84-94 : ill

Properties of ZnO-nanorod/In₂SI/CuInSI solar cell and the constituent layers deposited by chemical spray method =

Keemilise pihustuse meetodil sadestatud ZnO-nanovarras/In₂SI/CuInSI päikesepatarei ja selle koostisosade omadused Kärber, Erki 2014 https://www.ester.ee/record=b3073760*est

Pulberkatted

Kulu, Priit Tehnika ja Tootmine 1983 / lk. 20-21 https://www.ester.ee/record=b1073047*est

Pulberpinnakatted

Kulu, Priit Tehnika ja Tootmine 1983 / lk. 20-21 : ill., tab https://www.ester.ee/record=b1073047*est

PVD coatings for corrosion prevention

Rudenja, Sergei; Talimets, Ellen; Kulu, Priit; Mikli, Valdek Corrosion: Permanent Danger for Society and Environment : Surface 97 : 2nd Central, Eastern and Northern Europe Regional Conference : proceedings 1997 / p. 98-101 : ill

PVD grown SnS thin films onto different substrate surfaces

Revathi, Naidu; Bereznev, Sergei; Iljina, Julia; Safonova, Maria; Mellikov, Enn; Volobujeva, Olga Journal of materials science : materials in electronics 2013 / p. 4739-4744 : ill

Raman spectroscopy for reliability assessment of multilayered AlCrN coating in tribo-corrosive conditions [Online resource]

Baroninš, Janis; Antonov, Maksim; Bereznev, Sergei; Raadik, Taavi; Hussainova, Irina Coatings 2018 / art. 229, 12 p. : ill <https://doi.org/10.3390/coatings8070229> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rannila ei ole pelgalt katusekattefirma

Loorits, Kalju Ehitaja 2000 / 4, lk. 26-27 https://artiklid.elnet.ee/record=b1003637*est

Rannila производит не только кровельные покрытия

Loorits, Kalju Строитель 2000 / 2, с. 18-19 https://artiklid.elnet.ee/record=b1004211*est

Recovery of hardmetals and the coatings on the base of recovered hardmetals

Kulu, Priit; Tümanok, Aleksei; Pihl, Toomas Materials Engineering-96 : materials of VI-th International Baltic Conference, Kaunas, 22-23 October 1996 / p. 44-50: ill

Recycled hard metal-base wear-resistant composite coatings

Kulu, Priit; Halling, Jaanus Journal of thermal spray technology 1998 / 2, p. 173-178: ill

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

Relation between self-organization and wear mechanisms of diamond films

Podgurski, Vitali; Bogatov, Andrei; Yashin, Maxim Entropy 2018 / art. 279, 16 p. : ill <https://doi.org/10.3390/e20040279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Residual stresses analysis in brush-plated galvanic coatings deposited from nickel sulfate electrolyte

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander Proceedings of the 57th Annual Conference on Applications of X-ray Analysis [Denver X-ray Conference] and the 8th International Conference on Residual Stresses : 4-8 August 2008, Denver, Colorado, USA 2009 / p. 706-713 : ill

Residual stresses and their relaxation in brush-plated gold and silver coatings

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; **Veinthal, Renno; Mikli, Valdek** Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 39

Residual stresses in brush-plated gold coating

Lille, Harri; **Kõo, Jakob;** Rjabtšikov, Aleksander; **Laaneots, Rein** Proceedings of the 57th Annual Conference on Applications of X-ray Analysis [Denver X-ray Conference] and the 8th International Conference on Residual Stresses : 4-8 August 2008, Denver, Colorado, USA 2009 / p. 320-327 : ill

Residual stresses in brush-plated gold coatings

Lille, Harri; Kõo, Jakob; **Pihl, Toomas** 15th International Baltic Conference "Engineering Materials & Tribology. Balttrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 38-39 : ill

Residual stresses in different brush-plated coatings

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; **Laaneots, Rein; Pihl, Toomas** Proceedings of the 5th International Conference of DAAAM Baltic : Industrial Engineering - Adding Innovation Capacity of Labour Force and Entrepreneur : 20-22 April 2006, Tallinn, Estonia 2006 / p. 273-278 : ill

Residual stresses in some thermal sprayed coatings

Lille, Harri; Kõo, Jakob; **Kulu, Priit; Pihl, Toomas** Materials Engineering & Baltrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 164-168 : ill

Residual stresses on various PVD hard coatings on tube and plate substrates

Lille, Harri; Ryabchikov, Alexander; **Peetsalu, Priidu; Lind, Liina; Sergejev, Fjodor; Mikli, Valdek; Kübarsepp, Jakob** Coatings 2020 / art. 1054, 11 p <https://doi.org/10.3390/coatings10111054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rough surface model using the potential function superpositions

Telliskivi, Tanel; Põdra, Priit Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 1, p. 16-25 : ill

Selection criteria for abrasive erosion wear resistant powder coatings

Kulu, Priit; Veinthal, Renno Medžiagotyra = Materials science 2002 / 4, p. 425-429 : ill

Selection criteria for abrasive erosion wear resistant powder coatings

Kulu, Priit; Veinthal, Renno Abstracts of International Conference Materials Engineering and Tribology 2002 / p. 38

Selection criteria for abrasive erosion wear resistant powder coatings

Kulu, Priit; Veinthal, Renno Abstracts of 10th Nordic Symposium on Tribology NORDTRIB 2002 / p. 163

Selection criteria for abrasive erosion wear resistant powder coatings [Electronic resource]

Kulu, Priit; Veinthal, Renno Proceedings of 10th Nordic Symposium on Tribology NORDTRIB 2002 / [CD-ROM]

Selection criteria for wear resistant powder coatings under extreme erosive wear conditions

Kulu, Priit; Pihl, Toomas Journal of thermal spray technology 2002 / p. 517-522 : ill

Selection of coating systems and processes for different wear conditions

Kulu, Priit; Saarna, Mart; Sergejev, Fjodor; Gregor, Andre; Surženkov, Andrei Proceedings of 14th Nordic Symposium on Tribology : NORDTRIB 2010 : 08.06-11.06.2010, Storforsen, Sweden 2010 / [8] p. [CD-ROM]

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

Selection of powder coatings for extreme conditions of abrasive wear

Kulu, Priit EUROMAT 2001 : 7th European Conference on Advanced Materials and Processes : Rimini, Italy, 10-14 June, 2001 : conference abstracts 2001 / p. 117

Selection of powder coatings for extreme conditions of abrasive wear [Electronic resource]

Kulu, Priit Proceedings of 7th European Conference on Advanced Materials and Processes : EUROMAT 2001 : Italy 2001 / [CD-ROM]

Selection of powder coatings for extreme erosion wear conditions

Kulu, Priit Advanced engineering materials 2002 / 6, p. 392-397 : ill

Selective antibiofilm properties and biocompatibility of nano-ZnO and nano-ZnO/Ag coated surfaces

Rosenberg, Merilin; Visnapuu, Meeri; Vija, Heiki Scientific reports 2020 / art. 13478, 15 p. : ill <https://doi.org/10.1038/s41598-020-70169-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selenisation of sequentially electrodeposited Cu-Zn and Sn precursor layers

Iljina, Julia; Volobujeva, Olga; Raadik, Taavi; Revathi, Naidu; Raudoja, Jaan; Loorits, Mihkel; Traksmäa, Rainer; Mellikov, Enn Thin solid films 2013 / p. 14-17 : ill

Simulating sliding wear with finite element method

Põdra, Priit; Andersson, Sören Tribology international 1999 / p. 71-81 : ill

Sliding wear of PVD hard coatings: fatigue and measurement aspects = Õhukeste kõvapinnete liugekulumine: väsimuse ja mõõtmise aspektid

Sivitski, Alina 2010 https://www.ester.ee/record=b2635254*est

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

Sliding wear performance of AlCrN coating on TiB₂/Ti composites at high temperatures

Michalczewski, Remigiusz; Kalbarczyk, Marek; Słomka, Zbigniew; Osuch-Słomka, Edyta; Łuszcz, Maciej; **Liu, Le; Antonov, Maksim; Hussainova, Irina** Materials 2021 / art. 6771 <https://doi.org/10.3390/ma14226771> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solid particle erosion : occurrence, prediction and control

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

Solid particle erosion : occurrence, prognostification and control

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

Solid particle erosion of thermal sprayed coating

Kulu, Priit Abstracts of International Conference on Erosive and Abrasive Wear II : Cambridge, UK, 2003 2003 / p. 1.3 <https://www.sciencedirect.com/science/article/abs/pii/S0043164804001644>

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

Sprayed coatings on the base of recycled hardmetals

Zimakov, Sergei; Arensburger, Daniil; Tarbe, Riho International Conference Novel Technologies in Power Metallurgy and Ceramics : Kiev, Ukraine, 2003 2003 / p. 333

Structural and compositional properties of CZTS thin films formed by rapid thermal annealing of electrodeposited layers
Lehner, Julia; Loorits, Mihkel; Revathi, Naidu; Raadik, Taavi; Raudoja, Jaan; Grossberg, Maarja; Mellikov, Enn; Volobujeva, Olga; Ganchev, Maxim Journal of crystal growth 2013 / p. 236-240 : ill

Structure and corrosion behaviour of hard coatings deposited by arc ion plating
Rudenja, Sergei Proceedings of the First National DAAAM Conference in Estonia : Science '95 1996 / p. 88-98: 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 International journal of microstructure and materials properties 2014 / p. 4-14

Surface carboxylation or PEGylation decreases CuO nanoparticles' cytotoxicity to human cells in vitro without compromising their antibacterial properties
Kubo, Anna-Liisa; Vasiliev, Grigory; Vija, Heiki; Krištal, Jekaterina; Tõugu, Vello; Visnapuu, Meeri; Kisand, Vambola; Kahru, Anne; Bondarenko, Olesja Archives of toxicology 2020 / p. 1561-1573 : ill <https://doi.org/10.1007/s00204-020-02720-7>

Surface fatigue and wear resistance of thin and thick hard coatings
Kulu, Priit; Saarna, Mart; Sergejev, Fjodor; Gregor, Andre; Sivitski, Alina; Müller, H. IFHTSE International Federation for Heat Treatment and Surface Engineering 18th Congress : July 26-30, 2010, Rio de Janeiro, Brazil : [CD-ROM] 2010
https://www.researchgate.net/publication/289598093_Surface_fatigue_and_wear_resistance_of_thin_and_thick_hard_coatings

Surface plasmon resonance caused by gold nanoparticles formed on sprayed TiO₂ films
Oja Acik, Ilona; Dolgov, Leonid; Krunks, Malle; Mere, Arvo; Mikli, Valdek; Pikker, Siim; Loot, Ardi; Sildos, Ilmo Thin solid films 2014 / p. 144-147 : ill

ZnO nanostructures by chemical spray for next generation solar cells
Krunks, Malle; Dedova, Tatjana; Oja Acik, Ilona; Kriisa, Merike; Mikli, Valdek; Katerski, Atanas; Kärber, Erki; Mere, Arvo NEXTGEN NANO PV : book of abstracts 2013 / p. 31-32

Tallinna teadlased leiutasid õhku puhastavad pinnakatted [Võrguväljaanne]
Pau, Aivar forte.delfi.ee 2021 "[Tallinna teadlased leiutasid õhku puhastavad pinnakatted](https://www.delfi.ee/teadus/2021/07/2021-07-20-tallinna-teadlased-leiutasid-ohku-puhastavad-pinnakatted)."

Tallinna Tehnikaülikooli teadlased loovad õhku ja pindu puhastavaid pinnakatteid
Elektriala 2021 / lk. 13 https://www.ester.ee/record=b1240496*est

TalTechi teadlased loovad õhku ja pindasid puhastavaid pinnakatteid
Mente et Manu 2021 / lk. 28-29 : ill [Mente et Manu 2/2021](https://www.ester.ee/record=b122331*est)

Tark teekatend kuulutati aasta arendustööks
Äripäev 2020 / lk. 22 : fot https://www.ester.ee/record=b2122331*est

Termopihustatud barjäärpind
Pihl, Toomas Tallinna Tehnikakõrgkooli Toimetised 2005 / lk. 54-59 : ill

The calibration method of coating thickness gauges
Abiline, Indrek; Laaneots, Rein; Nanits, Mats-Maidu OST-03 Symposium on Machine Design 2003 / p. 169-176 : ill

The effect of surface pre-treatment and coating post-treatment to the properties of TiN coatings
Adoberg, Eron; Podgurski, Vitali; Peetsalu, Priidu; Lind, Liina; Mikli, Valdek; Hvizdoš, Pavol; Kulu, Priit Estonian journal of engineering 2012 / p. 185-192 : ill https://kirj.ee/public/Engineering/2012/issue_3/Eng-2012-3-185-192.pdf

The processes and enthalpies in synthesis of Cu₂ZnSnS₄ in molten CdI₂
Nkwusi, Godswill; Leinemann, Inga; Altosaar, Mare International advanced research journal in science, engineering and technology 2016 / p. 113-119 : ill <http://dx.doi.org/10.17148/IARJSET.2016.3524>

The wear mechanism in heavy-loaded lubricated coated/steel sliding contacts
Vlad, Mihaela; Szczerek, Marian; Michalczewski, Remigiusz; Antonov, Maksim Tribologia 2010 / 6, p. 153-168 : ill
https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://bibliotekanauki.pl/articles/190040.pdf&ved=2ahUKEwi29Zn44oeIAxhMhAIHUbTCiYQFnoECBIQAQ&usq=AOvVaw2FT2xYT98MhnLtuIMDb_IU

The wear of PVD coated elements in oscillation motion at high temperature
Michalczewski, Remigiusz; Kalbarczyk, Marek; Slomka, Zbigniew; Liu, Le; Antonov, Maksim; Hussainova, Irina Proceedings of the Estonian Academy of Sciences 2021 / p. 500-507 : ill <https://doi.org/10.3176/proc.2021.4.18> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TiAlN coatings tribology for textile machinery parts

Hussain, Abrar; Podgurski, Vitali; Goljandin, Dmitri; Antonov, Maksim Proceedings of the Estonian Academy of Sciences 2021 / p. 163-171 : ill <https://doi.org/10.3176/proc.2021.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TiCN coating tribology for the circular economy of textile industries

Hussain, Abrar; Podgurski, Vitali; Antonov, Maksim; Viljus, Mart; Goljandin, Dmitri Journal of industrial textiles 2022 / p. 8947S-8959S <https://doi.org/10.1177%2F15280837211025726> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TiO₂ thin films by ultrasonic spray pyrolysis for photocatalytic air-cleaning applications = TiO₂ õhukesed kiled ultraheli pihustuspürolüüsi meetodil õhu fotokatalüütiliseks puhastamiseks

Dündar, Ibrahim 2021 https://www.ester.ee/record=b5408882*est <https://digikogu.taltech.ee/et/Item/266d75a3-ff2e-4bcf-aa54-2151511e871f> <https://doi.org/10.23658/taltech.13/2021>

Titaandioksiidi kinnitamine keramsiidi pinnale : katete fotokatalüütilise aktiivsuse määramine doksütsükliini lagundamisel ning kinnitusmeetodi optimeerimine

Pronina, Natalja; Moiseev, Anna; Kritševskaja, Marina; Klauson, Deniss XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 61

Titan-based arc evaporated coatings with minimized content of microdroplets phase

Rudenja, Sergei; Kulu, Priit Surface 95 : 1st Central, Eastern and Northern Europe Regional Conference on Surface Treatment : Technologies, Environmental and Standardization, September 4-8, 1995, Palanga, Lithuania 1995 / p. 36

Topographical calibration method of coating thickness standards

Riim, Jürgen Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [I] 2010 / p. 238-244 : ill

Transition from self-organized criticality into self-organization during sliding Si₃N₄ balls against nanocrystalline diamond films

Bogatov, Andrei; Podgurski, Vitali; Vagiström, Heinar; Yashin, Maxim; Shaikh, Asad Alamgir; Viljus, Mart; Menezes, Pradeep; Gershman, Iosif Entropy 2019 / art. 1055 ; 12 p <https://doi.org/10.3390/e21111055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tribological and structural aspects of tribo-design of abrasive wear resistant coatings

Kulu, Priit Tribology of surface layers and coatings : proceedings of the 4th International Tribology Conference, PRAGOTRIB 2004 : Prague, Czech Republic, 17 and 18 June 2004 2004

Tribological behavior of hybrid coatings at extreme conditions = Hübridpinnete triboloogiline käitumine ekstreemsetes tingimustes

Shaikh, Asad Alamgir 2021 https://www.ester.ee/record=b5434621*est <https://digikogu.taltech.ee/et/Item/2b9c25e8-2f7f-46ea-859a-366bf4b7f252> <https://doi.org/10.23658/taltech.33/2021>

Tribological studies on nc-TiC/a-C:H coatings

Kollo, Lauri; Schwaller, P.; Michler, J. Engineerings Materials & Tribology 2004 : materials of the XIII-th International Baltic Conference : September 23-24, Riga, Latvia 2004 / p. 130-131

Two-unit elastic system for vibration reduction of underground railway

Kostarev, S.A.; Makhortykh, S.A.; Rybak, S.A.; Andreyev, N.N. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 213-216: ill

Ultrafine alloy powders for corrosion and wear resistant coatings

Kulu, Priit; Goljandin, Dmitri; Zimakov, Sergei Proceedings of Joint Nordic Conference in Powder Technology combing The 5th Annual Finnish Powder Metallurgy Network Seminar : Tampere, Finland, 2003 2003 / p. 7

Upgrading the crush strenght of ammonium nitrate prills by coating with limestone or dolomite powder

Klimova, Irina; Mikli, Valdek; Kaljuvee, Tiit 6th International Granulation Workshop : Granulation Conference, Sheffield, UK, 26th-28th June 2013 2013 / p. 102

Uudsed pinnakatted puhastavad õhu kahjulikest viirustest ja bakteritest [Võrguväljaanne]

Sydorenko, Jekaterina novaator.err.ee 2021 "[Uudsed pinnakatted puhastavad õhu kahjulikest viirustest ja bakteritest](#)"

Uut pinnakatte-paksusmõõturite töötlemises

Laaneots, Rein; Roosimölder, Lembit Tehnika ja Tootmine 1987 / lk. 19-21 : ill https://www.ester.ee/record=b1073047*est

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 hard coatings evaluated by means of kaloMax

Podgurski, Vitali; Gregor, Andre; Adoberg, Eron; Kulu, Priit 15th International Baltic Conference "Engineering Materials & Tribology. Baltattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 64-65

Wear of hard coatings, evaluated by means of kaloMax

Podgurski, Vitali; Gregor, Andre; Adoberg, Eron; Kulu, Priit Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 4, p. 419-426 : ill

Wear performance of PVD coated tool steels

Tšinjan, Aleksei; Klaasen, Heinrich; Kübarsepp, Jakob; Adoberg, Eron; Sergejev, Fjodor; Talkop, Adolf Estonian journal of engineering 2012 / p. 202-210 : ill

Wear resistance of high velocity thermal sprayed coatings

Kulu, Priit; Veinthal, Renno 9th Nordic Symposium on Tribology NORDTRIB 2000 : Porvoo, Finland, 11-14 June 2000. Vol. 1 2000 / p. 87-95 : ill

Wear resistance of laser clad thermal sprayed coatings

Surženkov, Andrei; Kulu, Priit; Tarbe, Riho; Mikli, Valdek; Sarjas, Heikki; Latokartano, Jyrki 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 64

Wear resistance of thermal sprayed coatings

Kulu, Priit; Pihl, Toomas; Zimakov, Sergei International Conference Balttrib'99 : 21-22 September 1999, Kaunas, Lithuania : proceedings 1999 / p. 311-318: ill

Wear resistance of thermal sprayed coatings

Kulu, Priit; Pihl, Toomas; Zimakov, Sergei Abstracts of papers of International Conference Balttrib'99 1999 / p. 23

Wear resistance of thermal sprayed hardmetal coatings

Kulu, Priit Proceedings of 2000 International Conference on Powder Metallurgy & Particulate Materials 2000 / p. 10

Wear resistant self-fluxing alloy based TiC-NiMo and Cr₂C₃-Ni hardmetal particles reinforced composite coatings

Surženkov, Andrei; Vallikivi, Ahto; Mikli, Valdek; Viljus, Mart; Vilgo, Timo; Kulu, Priit Proceedings of the 2nd International Scientific Conference Manufacturing Engineering & Management 2012 : ICMEM 2012 2012 / p. 33-36 : ill
https://www.researchgate.net/publication/262731588_WEAR_RESISTANT_SELF-FLUXING_ALLOY_BASED_TiC-NiMo_AND_CR2C3-NI_HARDMETAL_PARTICLES_REINFORCED_COMPOSITE_COATINGS

Wear resistant thermal sprayed composite coatings based on iron self-fluxing alloy and recycled cermet powders

Sarjas, Heikki; Goljandin, Dmitri; Kulu, Priit; Mikli, Valdek; Surženkov, Andrei 20th International Baltic Conference Materials Engineering 2011, October 27-28, Kaunas, Lithuania : book of abstracts 2011 / p. 25

Wear resistant thermal sprayed composite coatings based on iron self-fluxing alloy and recycled cermet powders

Sarjas, Heikki; Goljandin, Dmitri; Kulu, Priit; Mikli, Valdek; Surženkov, Andrei; Vuoristo, Petri Materials science = Medžiagotyra 2012 / p. 34-39 : ill <https://matsc.ktu.lt/index.php/MatSc/article/view/1338>

Wear-resistant composite coatings, surface engineering

Kulu, Priit; Zimakov, Sergei Euromat '99. Vol. 11 2000 / p. 144-145

Wear-resistant detonation sprayed WC-Co coatings

Kulu, Priit; Zimakov, Sergei Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98 1998 / p. 94-96: ill

Wear-resistant WC-Co-NiCrSiB composite coatings

Kulu, Priit; Pihl, Toomas; Halling, Jaanus NORDTRIB '98 : proceedings of the 8th International Conference on Tribology, Ebeltoft, Denmark, 7-10 June 1998. Vol. 2 1998 / p. 809-818

Verfahren zum Kalibrieren von Schichtdickenmessgeräten

Laaneots, Rein Proceedings of the Second National DAAAM Conference in Estonia : Science'96 1997 / p. 68-74: ill

Vorrichtung zum Eichen und Einmessen von Schichtdickenmeßgeräten

Laaneots, Rein; Dill, E. Feingerätetechnik : wissenschaftlich-technische Zeitschrift für Entwicklung, Fertigung und Anwendung von Feingeräten 1977 / S. 117-119 : ill https://www.ester.ee/record=b1511033*est

Адгезия эпоксидных компаундов к металлам и антиадгезионные покрытия

Arumäe, Heino; Lohk, E. Применение эпоксидных компаундов в электротехнических изделиях : обзор научно-исследовательских работ и производственного опыта 1969 / с. 86-90 : ил https://www.ester.ee/record=b1338807*est

Аттестация мер толщины покрытий

Laaneots, Rein Опыт внедрения прогрессивных методов и средств технического контроля качества : Материалы к краткосрочному семинару. 27-28 мая 1975 / с. 50-53 : рис

Влияние интенсивности транспорта и поверхности свойств дорог при безопасности движения автомашин

Крайчович М.; Коханик И. Научная конференция "Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 132-137: ил

Влияние порошковой основы на структуру и свойства защитных покрытий на них

Kulu, Priit; Halling, Jaanus XIII Всесоюзная научно-техническая конференция по тепловой микроскопии "Структура и прочность материалов в широком диапазоне температур", 24-26 окт. 1989 г. : Сборник тезисов докладов ; Ч. 2 1989 / с. 76-78

Газообразивный износ газотермических порошковых покрытий

Kulu, Priit; Kallas, Paul; Halling, Jaanus Свойства и технология изготовления износостойких материалов 1984 / с. 47-52

Газотермические покрытия на порошковых материалах

Kulu, Priit Применение порошковых, композиционных материалов и покрытий в машиностроении : Тезисы докладов Уралальской региональной конференции по порошковой металлургии и композиционным материалам 1985 / с. 66

Газотермические покрытия на порошковых материалах. Сообщение 1. Наплавленные порошковые покрытия

Kulu, Priit; Halling, Jaanus Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1986 / с. 75-80 : ил https://www.ester.ee/record=b1645489*est

Газотермические покрытия на порошковых материалах. Сообщение 2. Наплавленные порошковые покрытия

Kulu, Priit; Halling, Jaanus Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1986 / с. 60-64 : ил https://www.ester.ee/record=b1645489*est

Дисперсно-армированные отделочные композиции на основе промышленных отходов : автореферат ... кандидата технических наук (05.23.05)

Lõhmus, Leho 1991 http://www.ester.ee/record=b1258541*est

Дисперсно-армированные отделочные композиции на основе промышленных отходов : диссертация ... кандидата технических наук : 05.23.05 - строительные материалы и изделия

Lõhmus, Leho 1991 http://www.ester.ee/record=b2488589*est

Защитные покрытия на порошковых сталях

Kulu, Priit; Halling, Jaanus Tallinna Tehnikaülikooli Toimetised 1990 / lk. 28-35: ill

Износостойкие диффузионные карбидные покрытия из жидких насыщающих сред

Борисов Ю.С.; Шавловский Е.Н.; Капорик Н.И.; Солдатов Б.Ф. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 48-50

Износостойкие материалы системы карбонитрид титана - карбид кремния - нитрид алюминия

Казаков В.К.; Дуб С.Н.; Любимов В.Д. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 22-23

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

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

Износостойкие порошковые твердосплавные покрытия

Halling, Jaanus; Kulu, Priit; Kallas, Paul Свойства и технология изготовления композиционных материалов 1986 / с. 45-51

Износостойкие порошковые твердосплавные покрытия

Peitre, T.; Kulu, Priit XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 131 https://www.ester.ee/record=b1305565*est

Износостойкость порошковых покрытий в условиях коррозионно-абразивного изнашивания

Kulu, Priit; Rõuk, Arno; Rõuk, Marina Износостойкие спеченные материалы и покрытия 1988 / с. 56-61

Износостойкость порошковых покрытий и пути ее повышения

Kulu, Priit Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 33-34

Исследование весового метода для аттестации мер толщины пленок

Laaneots, Rein; Saar, Bernhard Сборник статей по машиностроению. 8 1971 / с. 71-77 : илл

https://www.ester.ee/record=b2190317*est <https://digikogu.taltech.ee/et/Item/9e5336a6-6d17-4555-8a2c-a8b547231bbb/>

Исследование весового метода измерения толщины покрытия

Pikner, A.; Potter, E.; Laaneots, Rein XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 190 https://www.ester.ee/record=b1306141*est

Исследование процесса напыления и свойств износостойких порошковых покрытий, полученных методом импульсного плазменного напыления

Гасин Д.А.; Кораблева И.Р. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 47-48

Исследование способов нанесения карбидохромовых покрытий на спеченные стали

Kulu, Priit Порошковая металлургия и область ее применения : Тезисы докладов к областному семинару (11-12 мая 1982 г.) 1982 / с. 70-71

К вопросу уточнения континуальных уравнений гиперболопараболоидальных висячих покрытий с эллиптическим контуром

Hallang, Tiina Тезисы докладов республиканской научной конференции "Тонкостенные и пространственные конструкции" : с 14 по 16 ноября 1978 года 1978 / с. 28-29 https://www.ester.ee/record=b1314933*est

Карбидохромовые покрытия на спеченных сталях

Kulu, Priit; Pirso, Jüri; Arensbürger, Daniil Всесоюзная научно-техническая конференция "Проблемы порошковой металлургии при производстве деталей в машиностроении" (г. Ташкент, ноябрь 1979 г.) : Тезисы докладов 1979 / с. 107-108

Клинообразная мера толщины покрытия

Laaneots, Rein Измерительная техника : ежемесячный научно-технический журнал 1978 / с. 22 : ил., таб https://www.ester.ee/record=b1448551*est

Комплексный анализ фосфатных покрытий и шламов

Tõnsuaadu, Kaia; Veiderma, Mihkel; Takkin, Rutt; Nemes, Katalin Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1989 / с. 135-138 : илл https://www.ester.ee/record=b1264984*est <https://www.etera.ee/zoom/18882/view?page=1&p=separate&tool=info>

Мера толщины покрытия для поверки толщиномеров : [А.с. 1594349]

Laaneots, Andres; Laaneots, Rein Открытия. Изобретения 1990 / 35, с. 171

Меры толщины покрытий двухслойные. Проспект

Laaneots, Rein 1986

Меры толщины покрытий универсальные. Проспект

Laaneots, Rein 1986

Меры толщины покрытий. Проспект

Laaneots, Rein 1986

Метод калибровки эталонов толщины покрытия

Laaneots, Rein; Riim, Jürgen Системы обробки інформації 2010 / с. 96-100 : ил

Методика проверки бетатолщиномеров покрытий

Pikner, A.; Potter, E.; Laaneots, Rein XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 191 https://www.ester.ee/record=b1306141*est

Методы и средства для поверки толщиномеров покрытий

Laaneots, Rein 1989 https://www.ester.ee/record=b1285532*est

Методы и средства для поверки толщиномеров покрытий : автореферат диссертации на соискание ученой степени доктора технических наук (05.11.01 ; 05.11.15)

Laaneots, Rein 1990 http://www.ester.ee/record=b1519875*est

Методы и средства для поверки толщиномеров покрытий : специальности: 05.11.01 - приборы и методы

измерения механических величин ; 05.11.15 - метрология и метрологическое обеспечение
Laaneots, Rein 1989 http://www.ester.ee/record=b2641849*est

Механизм газообразного изнашивания порошковых покрытий
Kallas, Paul; Kulu, Priit; Halling, Jaanus Трение и износ в машинах. 13 1985 / с. 37-45

Наплавленные карбидохромовые покрытия
Arensburger, Daniil; Pirso, Jüri Защита металлов 1982 / с. 659-660

Новые технологии осаждения износостойких покрытий
Коняшин И.Ю.; Анিকেев А.И.; Леонов Е.Ю. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 44-46

О применении комбинированных электрофизических покрытий на поверхности токопроводящих элементов вторичной системы и винтового канала МГД устройств
Reimal, Lembit Сборник материалов к VI Таллинскому совещанию по электромагнитным расходомерам и электротехнике жидких проводников 1975 / с. 132-144 : ил., табл https://www.ester.ee/record=b1322170*est

О статическом расчете предварительно напряженных сетчатых висячих покрытий с конечным числом вант
Kulbach, Valdek Тезисы докладов республиканской научной конференции "Тонкостенные и пространственные конструкции" : с 14 по 16 ноября 1978 года 1978 / с. 29-30 https://www.ester.ee/record=b1314933*est

Об определении силы адгезии краски на поверхности изделий из полиэтилена
Piiraja, Eduard; Adrat, M. Технология органических веществ. 1 1969 / с. 49-54 https://www.ester.ee/record=b1337236*est
<https://digikogu.taltech.ee/et/Item/d6e3c08c-1c99-48a8-ae34-e91a3f1c8d0d>

Об увеличения износостойкости поверхности вибросепараторов
Бессараба В.И.; Деревянко Т.П.; Дубровский В.П.; Лось Л.В.; Pappel, Toivo Композиционные покрытия : тезисы докладов IV Всесоюзной научно-технической конференции, Житомир, 1991 1991 / с. 33-34

Об учете геометрической нелинейности деформации контура при расчете седловидных висячих покрытий
Hallang, Tiina Тезисы докладов республиканской научной конференции "Тонкостенные и пространственные конструкции" : с 14 по 16 ноября 1978 года 1978 / с. 27-28 https://www.ester.ee/record=b1314933*est

Обеспечение единства измерений толщин пленок и покрытий
Boguslavski, M.; Laaneots, Rein Опыт внедрения методов и средств технического контроля качества на предприятиях Ленинграда : материалы к краткосрочному семинару 16-18 мая 1972 / с. 86-87

Особенности абразивной износостойкости защитных покрытий на спеченных сталях
Kulu, Priit Исследование и разработка теоретических проблем в области порошковой металлургии и защитных покрытий : Материалы всесоюзной конференции, Минск, 24-26 мая 1983 г. Ч. 3 : Принципы оптимизации структуры и свойств порошковых материалов и защитных покрытий 1984 / с. 145-149

Особенности создания эрозионноустойчивых газотермических покрытий на порошковых материалах
Kulu, Priit Свойства и технология изготовления износостойких материалов 1984 / с. 35-40

Перспективы использования защитно-износостойких покрытий на заводе "Ильмарине"
Arensburger, Daniil; Pihl, Toomas; Rõuk, Arno Tallinna Tehnikaülikooli Toimetised 1990 / lk. 19-27: ill

Проверка толщиномеров пленок
Laaneots, Rein Сборник статей по машиностроению. 8 1971 / с. 79-86 https://www.ester.ee/record=b2190317*est
<https://digikogu.taltech.ee/et/Item/9e5336a6-6d17-4555-8a2c-a8b547231bbb/>

Пригласительный билет и программа [пятой республиканской конференции "Эрозионноустойчивые порошковые материалы и покрытия"]
1988 https://www.ester.ee/record=b5355566*est

Принципы создания эрозионноустойчивых порошковых материалов и покрытий
Kulu, Priit Износостойкие спеченные материалы и покрытия 1988 / с. 51-55

Прогнозирование износостойкости порошковых материалов и покрытий в условиях абразивной эрозии
Kulu, Priit Трение и износ = Friction and Wear : международный научный журнал 1988 / с. 919-925 : ил
https://www.ester.ee/record=b1312784*est

Прогнозирование износостойкости порошковых материалов и покрытий в условиях абразивной эрозии

Kulu, Priit; Tammeraid, Ivar; Halling, Jaanus Трение и износ в машинах. 14 1987 / с. 32-40

Разработка и исследование методов и образцовых средств для поверки толщиномеров пленок (покрытий) :
автореферат ... кандидата технических наук (05.11.15)

Laaneots, Rein 1973 http://www.ester.ee/record=b1345650*est

Расчет износа гетерогенных порошковых материалов и покрытий

Kulu, Priit; Halling, Jaanus Трение и износ в машинах. 15 1989 / с. 46-52

Расчетная оценка начальной формы предварительно напряженных сетчатых висячих покрытий

Kulbach, Valdek Тезисы докладов республиканской научной конференции "Тонкостенные и пространственные конструкции" : с 14 по 16 ноября 1978 года 1978 / с. 30-31 https://www.ester.ee/record=b1314933*est

Способы поверки толщиномеров покрытий

Laaneots, Rein Измерения, контроль, автоматизация 1983 / с. [?]

Средства для поверки толщиномеров покрытий

Laaneots, Rein Измерительная техника : ежемесячный научно-технический журнал 1982 / с. 25-27 : рис
https://www.ester.ee/record=b1448551*est

Средства для поверки толщиномеров покрытий

Laaneots, Rein Измерительная техника 1991 / 11, с. 19-20: ил

Структура и свойства износостойких порошковых покрытий на спеченных сталях

Halling, Jaanus; Saarmann, M. XXVII студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 19-21 апреля 1983 г : тезисы докладов. Часть 2 1983 / с. 125
https://www.ester.ee/record=b1571566*est

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

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

Термин "толщина покрытия" и его определение

Väljas, Mati; Laaneots, Rein Измерительная техника 1990 / 4, с. 17-18: рис

Устройства для поверки толщиномеров покрытий

Laaneots, Rein Контроль толщины покрытий и его метрологическое обеспечение : тезисы докладов 1990 / с. 48-49

Устройство для поверки толщиномеров покрытий

Laaneots, Rein Изобретения 1992 / 22, с. 169

Формирование гетерогенных покрытий на основе ультрадисперсного карбида вольфрама

Бондаренко В.П.; Гуслиенко Ю.А.; Павлоцкая Э.Г.; Мартынова Л.М. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 46