

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

Abrasion-erosion wear of powder coatings

Kulu, Priit; Zimakov, Sergei Abstracts of 12th International Conference on Wear of Materials, April 25-29, 1999, Atlanta (Georgia), USA 1999 / p. 37

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

<https://doi.org/10.4028/www.scientific.net/KEM.604.3> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Abrasive wear resistant composite hardfacings with ex-situ and in-situ synthesized carbide reinforcement = Abraasiivkulumiskindlad komposiitpindad ex-situ ja in-situ sünteesitud karbiidkõvafaasiga

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

Adhesion of coatings produced by the controlled wire - explosion spraying technique

Vilys, Jonas; Ciuplys, Vytautas; Kvedaras, Valdas International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 169-171: ill

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 <https://doi.org/10.1149/06409.0023ecst> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

Application of thermally sprayed coatings in Belarus Republic

Vitiaz, P.; Ivashko, V.; Ilyuschenko, A.; Okovity, V.; Sobolevsky, S. International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 125-129: ill

Arkadi Zikin - uute pindade looja : [intervjuu doktorandiga]

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

Armor materials' behavior under repetitive dense plasma shots

Shirokova, Veronika; Laas, Tõnu; Mikli, Valdek Physica scripta 2014 / Art. 014045, 5 p. : ill <https://doi.org/10.1088/0031-8949/2014/T161/014045> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

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

Atomic layer deposition of titanium oxide films on As-synthesized magnetic Ni particles: magnetic and safety properties

Uudeküll, Peep; Kozlova, Jekaterina; Mändar, Hugo; Link, Joosep; Sihtmäe, Mariliis; Käosaar, Sandra; Blinova, Irina; Kasemets, Kaja; Kahru, Anne; Stern, Raivo Journal of magnetism and magnetic materials 2017 / p. 299-304 : ill

<https://doi.org/10.1016/j.jmmm.2017.01.045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 : BALTMATTRIB-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. detš., 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, Jürgen 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-July2, 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 Congres International de Metrologie, Besancon-France, 20 au 23 octobre 1997 : actes des conferences 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> <https://doi.org/10.1016/j.surfcoat.2013.02.027> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 pills 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

Coefficient of thermal expansion, modulus of elasticity and residual stresses of some powder coatings

Lille, Harri; Kõo, Jakub; **Kulu, Priit; Pihl, Toomas** Abstracts of Scientific Conference Civil Engineering'99, 1999, Jelgava 1999 / p. 12

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, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; **Sergejev, Fjodor; Mikli, Valdek** Engineering materials & tribology XXII 2014 / p. 8-11 <https://doi.org/10.4028/www.scientific.net/KEM.604.8> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

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

Lille, Harri; Kõo, Jakub; 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. [Il] 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://fmt.dk.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; Traksmäa, 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> <https://doi.org/10.1016/j.jnucmat.2012.12.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composite powders for coatings on the base of recovered hard metals

Kulu, Priit; Tümanok, Aleksei; Arensbürger, 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; Traksmäa, 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 behavior of polypyrrole coated mild steel

Reut, Jekaterina; Idla, Katrin; Öpik, Andres International Conference on Science and Technology of Synthetic Metals : ICSM'98 : July 12-18, 1998, Montpellier, France : book of abstracts 1998 / p. 157 <https://www.sciencedirect.com/science/article/pii/S0379677998010364>

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 of duple TiN coatings deposited by arc plating

Rudenja, Sergei; Kulu, Priit; Talimets, Ellen; Mikli, Valdek International Conference on Advanced Materials : ICAM'97. European Materials Research Society Spring Meeting : E-MRS'97 : Strasbourg, France, June 16-20, 1997 : book of abstracts 1997 / p. K-32 <https://www.sciencedirect.com/science/article/abs/pii/S0257897297006233>

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 <https://doi.org/10.4028/www.scientific.net/KEM.721.425> Conference proceedings at Scopus Article at Scopus

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

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, Jakub; Pihl, Toomas; Veinthal, Renno Materials science forum 2011 / p. 171-176

Development of silicon oxynitride nanocomposites with single-walled carbon nanotubes as protective coatings for solar cells = Üheseinaliste süsiniknanotorudega ränioksünitriidist nanokomposiitmaterjalide arendamine päikesepatareide kaitsekateteks

Shmagina, Elizaveta 2025 https://www.ester.ee/record=b5739646*est <https://digikogu.taltech.ee/et/Item/5b38d0d4-d585-496f-b18e-de06aae6a6da> <https://doi.org/10.23658/taltech.20/2025>

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, Jarosław; **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 Al_xTi_{1-x}N-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 <https://doi.org/10.1016/j.triboint.2013.03.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 <https://doi.org/10.1016/j.triboint.2012.12.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 213-218 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.213> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-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.; Zwieg, 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.; Zwieg, T. Meeting abstracts / The Electrochemical Society and The International Society of Electrochemistry 1997 / p. 1870

Electrochemical study of interfacial duplex TiN coatings in acidic and PBS solutions

Rudenja, Sergei; Pan, J.; Leygraf, C.; **Kulu, Priit** Abstracts of European Materials Research Society Meeting : E-MRS-99 : 1999, Strasbourg 1999 / p. B-I/P36

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

Tretjakov, Aleksei; **Sõritski, Vitali**; **Reut, Jekaterina**; **Zhang, Y.**; **Õpik, 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, Jakub; Sergejev, Fjodor; Traksmäa, 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, Jakub; 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. [J] 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 Proceedings of the Estonian Academy of Sciences. Engineering 2002 / 1, p. 38-51 : 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

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://fmtdk.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

<https://doi.org/10.1016/j.triboint.2012.08.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Tkachivskyi, 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. Balttrib - 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 : BALTMATRIB-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; Põdra, 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]

Improved corrosion resistance of duplex PVD coatings

Rudenja, Sergei; Kulu, Priit; Talimets, Ellen; Mikli, Valdek; Straede, C.A. International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 152-155: ill

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 : BALTMATRIB - 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 (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 308-312 : ill
<https://doi.org/10.4028/www.scientific.net/KEM.674.308> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Influence of 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 <https://doi.org/10.4028/www.scientific.net/KEM.604.28> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Influence of porous coating on the boiling burnout heat flux

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

Influence of pretreatment of substrate surface on residual stresses in different cold spray coatings

Rjabtšikov, Aleksander; Lille, Harri; Toropov, Stanislav; Kõo, Jakub; Pihl, Toomas; **Veinthal, Renno** Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 23

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

Influence of UV-absorbers to color change of wood-coating systems

Rohumaa, Anti; Süld, Tiia-Maaja; Kaps, Tiit Stambiamolekulių junginių chemija ir technologija = Polymer chemistry and technology : konferencijos pranešimų medžiaga 1999 / p. 67-72: ill

Investigation into the residual stresses in gasflame sprayed coatings

Kulu, Priit; Kõo, Jakub; 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 <https://doi.org/10.4028/www.scientific.net/KEM.604.126> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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, 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 <https://doi.org/10.4028/www.scientific.net/MSF.768-769.144> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 surface fatigue of carbide composites and PVD hard coatings

Sergejev, Fjodor; Antonov, Maksim; Gregor, Andre; Hussainova, Irina; Kulu, Priit; Kübarsepp, Jakob Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 543-548 : ill <http://innomet.ttu.ee/daaam08/online/Materials%20Engineering/Sergejev.pdf>

Investigation of (Ti, Al)N based coatings grown by physical vapor deposition

Podgurski, Vitali; Torp, Bo; **Traksmaa, Rainer; Veinthal, Renno; Viljus, Mart;** Coddet, Olivier; Morstein, Marcus; **Gregor, Andre; Kulu, Priit** Materials science = Medžiagotyra 2005 / 4, p. 352-355 : 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[i]isel

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

Maavara kasutamine 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, Jakub; 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, Jakub; **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, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 34-36 : ill

Mechanisms of fracture of PM materials and coatings by impact loading

Kallas, Paul; Kulu, Priit; Pirso, Jüri; Tümanok, Aleksei Deformation and fracture in structural PM materials : proceedings of the International Conference held in the Hotel Academia, the High Tatras, Slovakia, October 13-16, 1996. Vol. 2 1996 / p. 199-209 : ill

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-Skeikh, 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 eluvõõraks [Võrguväljaanne]

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

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

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

Multifunctional, multilayered and nanostructured hard coatings

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

Mõõtmise : mõõdud. Pindepaksusmõõturite kalibreerimine : aastatel 1991-1997 avaldatud teadustööde koopiatega 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, Nanostructured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 8

Nanopowders, Nanostructured 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
https://www.researchgate.net/publication/363288015_New_Composite_Coatings_on_the_Base_of_Recycled_Hardmetals

Normale zur Eichung von Schichtdickenmeßgeräten

Laaneots, Rein VII. Internationales Oberflächenkolloquium : vom 8. bis 10. Februar 1988 in Karl-Marx-Stadt. Bd. 2: Beschreibung der Poster 1988 / S. 141-144

Novel Cu₂CdSnS₄ and Cu₂ZnGeSe₄ absorber materials for monocrystalline 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

Pihl, Toomas; Lille, Harri; Kõo, Jakub; **Kulu, Priit** Civil Engineering'99 : proceedings of the conference in Latvia, Jelgava, 1999 1999 / p. 11-16

On residual stresses in flame sprayed coatings

Lille, Harri; Kõo, Jakub; **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, Jakub; **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

Passivation and anodic oxidation of duplex TiN coatings on stainless steel

Rudenja, Sergei; Pan, J.; Odneval Wallinder, Inger; Leygraf, C.; Kulu, Priit Journal of The Electrochemical Society 1999 / p. 4082-4086 https://www.researchgate.net/publication/234857934_Passivation_and_Anodic_Oxidation_of_Duplex_TiN_Coating_on_Stainless_Steel

Passivity of TiN layer: role in corrosion prevention of coated steel substrate

Rudenja, Sergei; Kulu, Priit Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 225-228 : 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 koopiatega 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 koopiatega kogumik. 3

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

Pinnete paksuse mõõtmine : meetodid, mõõtevahendid ja jälgitavus : aastatel 1991-1994 avaldatud teadustööde koopiatega 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 <https://doi.org/10.1016/j.apsusc.2015.09.094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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; Öpik, 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 <https://doi.org/10.1016/j.tsf.2012.11.075> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pre- and posttreatment effect to the surface properties of thin hard coatings

Adoberg, Eron; Surženkov, Andrei; Podgurski, Vitali; Peetsalu, Priidu; Kulu, Priit Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 44

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/In₂Se₃/CuInSe₂ solar cell and the constituent layers deposited by chemical spray method = Keemilise pihustuse meetodil sadestatud ZnO-nanovarras/In₂Se₃/CuInSe₂ 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 <https://doi.org/10.1007/s10854-013-1468-8> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

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 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 <https://doi.org/10.1504/IJMP.2014.064038> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; Sergejev, Fjodor; Dong, Minjie Residual stresses IX 2014 / p. 866-871 : ill <https://doi.org/10.4028/www.scientific.net/AMR.996.866> [Article at Scopus](#) [Article at WOS](#)

Relaxation of residual stresses in brush-plated gold coating

Lille, Harri; Kõo, Jakub; Rjabtšikov, Aleksander; Laaneots, Rein Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 491-496 : ill
<http://innomet.ttu.ee/daaam08/Online/Materials%20Engineering/lille-koo-ryabchikov-laaneots.pdf>

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

Lille, Harri; Kõo, Jakub; 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](#)

Residual stresses, modulus of elasticity and coefficient of thermal expansion of some powder coatings

Lille, Harri; Kõo, Jakob; **Kulu, Priit; Pihl, Toomas** International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 165-168: ill

Role of alloying elements for improved corrosion resistance of Zn-Al-Mg coatings on steel

Volovitch, P.; **Abdel Aal, Alsayed**; Lefevre, G. The European Corrosion Congress : EuroCorr2010 : Moscow, Russia 2010 2010

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

Schicht und ihre Dicke

Laaneots, Rein IX. Internationales Oberflächenkolloquium : 29. bis 31. Januar 1996. Bd. 1, Poster 1995 / S. 147-155: III

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; Looits, 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

Single-layer and multilayer hard coatings deposited by PVD for corrosion protection of the self-passivate steel substrate

Rudenja, Sergei; **Kulu, Priit**; **Talimets, Ellen** Meeting abstracts of the Electrochemical Society. Vol. 96-1, Spring Meeting, Los Angeles, California, May 5-10, 1996 1996 / p. 94

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** BALTRIB'2013 : VII International Scientific Conference : 14-15 November 2013, Kaunas, Lithuania : proceedings 2013 / p. 62-66 https://www.researchgate.net/publication/258862543_SLIDING_WEAR_OF_HVOF_SPRAYED_SELF-FLUXING_ALLOY_MATRIX_CERMET_PARTICLES_REINFORCED_COMPOSITE_COATINGS

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 <https://doi.org/10.3176/eng.2013.3.03> [Article at Scopus](#)

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; **Looits, Mihkel**; **Revathi, Naidu**; **Raadik, Taavi**; **Raudoja, Jaan**; **Grossberg, Maarja**; **Mellikov, Enn**; **Volobujeva, Olga**; **Ganchev, Maxim** Journal of crystal growth 2013 / p. 236-240 : ill <https://doi.org/10.1016/j.jcrysgro.2013.06.012> [Journal metrics at](#)

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 2nd Mediterranean Conference & New Challenges on Heat Treatment and Surface Engineering : Dubrovnik-Cavtat, Croatia, 11-14 June 2013 / p. 37-44

<https://www.inderscienceonline.com/doi/abs/10.1504/IJMMP.2014.061054>

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 <https://doi.org/10.1504/IJMMP.2014.061054> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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; Krunk, Malle; Mere, Arvo; Mikli, Valdek; Pikker, Siim; Loot, Ardi; Sildos, Ilmo Thin solid films 2014 / p. 144-147 : ill <https://doi.org/10.1016/j.tsf.2013.11.125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

ZnO nanostructures by chemical spray for next generation solar cells

Krunk, 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 "](#)

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](#)

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

Testing a method for evaluating the performance of coatings on end mills in semi-industrial conditions

Leemet, Tõnu; Allas, Jaanus; Madissoo, Marten; Adoberg, Eron; Saar, Rando Agronomy research 2014 / p. 263-268 : ill <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143184842> [Journal metrics at Scopus](#) [Article at Scopus](#)

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 coating thickness and its definition

Abiline, Indrek; Laaneots, Rein; Leibak, Alar; Riim, Jürgen Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [1] 2008 / p. 13-18 : ill

The effect of grey water irrigation on greenroof performance

Spolek, G.; **Voll, Hendrik**; Ouldoukhite, S.-E. 10th Annual green roof and wall conference : Chicago, USA, October 17-20, 2012 2012 / p. 34-42

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 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

https://www.researchgate.net/publication/258178620_The_Rolling_Contact_Fatigue_of_PVD_Coated_Spur_Gears

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?](https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://bibliotekanauki.pl/articles/190040.pdf&ved=2ahUKewi29Zn44oeIAxXhMhAIHUbTCiYQFnoECBIQAQ&usq=AOvVaw2FT2xYT98MhnLtuIMDb_IU)

[https://bibliotekanauki.pl/articles/190040.pdf&ved=2ahUKewi29Zn44oeIAxXhMhAIHUbTCiYQFnoECBIQAQ&usq=AOvVaw2FT2xYT98MhnLtuIMDb_IU](https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://bibliotekanauki.pl/articles/190040.pdf&ved=2ahUKewi29Zn44oeIAxXhMhAIHUbTCiYQFnoECBIQAQ&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

Tools for machining wear-resistant coatings

Klimenko, Sergey A.; Mukovoz, Yury A. International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 105-108: ill

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. [J] 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 = Hübriidpinnete 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 combining 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
<https://doi.org/10.5755/j01.ms.21.3.7249> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wear of hard coatings evaluated by means of kaloMax

Podgurski, Vitali; Gregor, Andre; Adoberg, Eron; Kulu, Priit 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 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 of PVD hard coatings in sliding contacts

Sivitski, Alina; Ajaots, Maido; Põdra, Priit Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 549-554 : ill
<http://innomet.ttu.ee/daaam08/online/Materials%20Engineering/Sivitski.pdf>

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 Abstracts of papers of International Conference Balttrib'99 1999 / p. 23

Wear resistance of thermal sprayed coatings

Kulu, Priit; Pihl, Toomas; Zimakov, Sergei International Conference Balttrib'99 : 21-22 September 1999, Kaunas, Lithuania :

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 composite hard metal consisting coatings

Kulu, Priit; Arensbürger, Daniil; Tümanok, Aleksei; Pihl, Toomas; Halling, Jaanus International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 160-164: ill

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 thermal sprayed coatings on the base of recycled hardmetal

Kulu, Priit; Zimakov, Sergei Abstracts of the Fifth IUMRS International Conference on Advanced Materials, 1999, China 1999 / X-37, p. 259 <https://www.sciencedirect.com/science/article/pii/S0257897200006873>

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

Крайнович 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

Газоабразивный 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

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 детонационных покрытий на спеченных сталях
Kulu, Priit; Kallas, Paul Трение и износ в машинах 1983 / с. 89-94 : ил https://www.ester.ee/record=b2191148*est
<https://digikogu.taltech.ee/et/Item/876d7109-271d-48ba-b6b2-7bd68c0f4458>

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

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

Kulu, Priit; Pastak, Lauri Свойства и технология изготовления износостойких материалов 1982 / с. 55-61 : илл
https://www.ester.ee/record=b1309562*est <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fbd01534>

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

Карбидохромовые покрытия на спеченных сталях

Kulu, Priit; Päärsoo, Riho; Pajundi, H. Свойства и технология изготовления износостойких материалов 1980 / с. 19-24 : илл
https://www.ester.ee/record=b1276393*est <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>

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 проверки толщиномеров : [А.с. 1594349]

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

Меры толщины покрытий

Laaneots, Rein Измерения, контроль, автоматизация 1990 / 2

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 Системи 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 проверки толщиномеров покрытий

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

Методы и средства для проверки 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 проверки 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 газоабразивного 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

Некоторые свойства износостойких эмалевых покрытий, содержащих тугоплавкие карбиды

Arensburger, Daniil; Pirso, Jüri Свойства и технология изготовления износостойких материалов 1980 / с. 3-9 : илл

https://www.ester.ee/record=b1276393*est <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>

Новые технологии осаждения износостойких покрытий

Коняшин И.Ю.; Аникеев А.И.; Леонов Е.Ю. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 44-46

О влиянии остаточных напряжений на прочностные свойства дивинилацетиленовых полимерных покрытий

Süld, Tiia-Maaja; Kiisler, Karl Синтез и применение поликонденсационных клеев : сборник статей. 5 1982 / с. 87-93 : ил

https://www.ester.ee/record=b2191036*est <https://digikogu.taltech.ee/et/Item/948b14fd-94ea-4872-8724-96cfc1c27afe>

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.; Дервянко Т.П.; Дубровский В.П.; Лось Л.В.; **Rappel, 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 эрозионностойких 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

Поверка 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 "Эрозионностойкие порошковые материалы и покрытия"]

1988 https://www.ester.ee/record=b5355566*est

Принципы создания эрозионностойких 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; Tammeraid, Ivar; Halling, Jaanus Трение и износ в машинах. 14 1987 / с. 32-40

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

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

Расчет прямоугольной тентовой панели с гибким контуром по методу разложения нагрузок
Oras, Riho Статические и динамические методы анализа стержневых систем, пластин и оболочек 1983 / с. 27-33 : ил
https://www.ester.ee/record=b1513195*est <https://digikogu.taltech.ee/et/Item/c8920c4d-e383-488b-9505-a1e291ff68b7>

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

Связь между микромеханическими свойствами и эрозионной стойкостью порошковых материалов и покрытий
Ivaštšenko, L.K.; Kulu, Priit; Mühlman, J.; Halling, Jaanus Свойства и технология изготовления композиционных материалов 1986 / с. 38-44

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

Устройство для поверки электромагнитных толщиномеров покрытий
Laaneots, Rein Измерительная техника : ежемесячный научно-технический журнал 1978 / с. 27-28 : ил
https://www.ester.ee/record=b1448551*est

Формирование гетерогенных покрытий на основе ультрадисперсного карбида вольфрама
Бондаренко В.П.; Гуслиенко Ю.А.; Павлюцкая Э.Г.; Мартынова Л.М. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 46

Экспериментальное исследование модели тентового покрытия с комбинированным контуром
Oras, Riho Теория и расчет тонкостенных пространственных конструкций 1986 / с. 99-107