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 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 = Abrasiivkulumiskindlad komposiitpinded 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, Veroonika; 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. dets., 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 HVAF 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 XIIth 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. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 52-53

Characterization of WC-Co composite thermal spray powders and coatings
Peetsalu, Priidu; **Zimakov, Sergei**; **Pirso, Jüri**; **Mikli, Valdek**; **Tarbe, Riho**; **Kulu, Priit** Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 4, p. 435-444 : ill

Characterization of WC-Co thermal spray coatings based on the composite powders
Peetsalu, Priidu; **Zimakov, Sergei**; **Pirso, Jüri**; **Mikli, Valdek**; **Tarbe, Riho**; **Kulu, Priit** Powder metallurgy progress : journal of science and technology of particle materials 2006 / p. 34-41 : ill

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

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. [II] 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://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Comparative study of the PVD coatings on the plasma nitrided steel
Surženkov, Andrei; **Põdra, Priit**; **Sergejev, Fjodor**; **Saarna, Mart**; **Adoberg, Eron**; **Mikli, Valdek**; **Viljus, Mart**; **Kulu, Priit** Materials science = Medžiagotyra 2012 / p. 40-44 : ill https://matsc.ktu.lt/index.php/MatSc/article/view/1339

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

Comparison of damages in tungsten and tungsten doped with lanthanum-oxide exposed to dense deuterium plasma shots
Shirokova, Veroonika; 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**; **Arensburger, Daniil**; **Pihl, Toomas** Reports and theses of International Conference of Welding Technologies, Equipment, Materials : MET-97 1997 / p. 135-143

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

Corrosion 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 perfomance 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.; Zwieg, 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

Cu2Zn1-xCdSn(Se1-ySy)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; **Traksmaa, Rainer** Engineering materials and tribology 2013 / p. 50-55 : ill

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

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

Determination of mechanical properties of thin hard coatings using nanoindentation
Yaldiz, Can Emrah; **Veinthal, Renno**; **Gregor, Andre**; Georgiadis, Kyriakos 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-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

Duplex titanium nitride coatings for corrosion prevention of stainless steel substrate
Rudenja, Sergei; **Kulu, Priit**; **Talimets, Ellen**; **Mikli, Valdek** Proceedings [of] Joint Nordic Conference in Powder Technology, November 26-27, 1997, Helsinki 1997 / p. 37

Duplex titanium nitride coatings resist corrosion better
Rudenja, Sergei Advanced coatings & surface technology 1999 / 9, p. 4-5

Effect of electrode covering composition on the microstructure, wear, and economic feasibility of Fe-C-Cr manual arc-welded hardfacings
Jankauskas, Vytenis; Katinas, Egidijus; Laskauskas, Arturas; **Antonov, Maksim**; Varnauskas, Valentinas; Gedzevičius, Irmantas; Aleknevičiene, Vilija Coatings 2020 / art. 294, 19 p. : ill https://doi.org/10.3390/coatings10030294 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of HBN on wear of AlCrN-coated spark plasma - sintered TiB2/Ti composites at temperatures up to 900°C
Luszcz, Maciej; Michalczewski, Remigiusz; Kalbarczyk, Marek; Osuch-Słomka, Edyta; Molenda, Jaroslaw; **Liu, Le**; **Antonov, Maksim**; **Hussainova, Irina** Quarterly tribologia 2022 / p. 43-55 https://doi.org/10.5604/01.3001.0015.8756

Effect of laser heat treatment on AlxTi1-xN-based PVD coatings, deposited on carbon and tool steel substrates
Surženkov, Andrei; **Viljus, Mart**; **Antonov, Maksim**; **Kübarsepp, Jakob**; **Juhani, Kristjan**; **Kulu, Priit**; **Vagiström, Heinar**; Jankauskas, Vytenis; Leišys, Rimtautas; Bendikiene, Regita; Adoberg, Eron; Peetsalu, Priidu; **Mere, Arvo**; **Gregor, Andre** Surface and coatings technology 2022 / art. 128771 https://doi.org/10.1016/j.surfcoat.2022.128771 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of loading system inertia on tribological behaviour of ceramic–ceramic, ceramic–metal and metal–metal dry sliding contacts
Antonov, Maksim; **Hussainova, Irina**; **Adoberg, Eron** Tribology international 2013 / p. 207-214 : ill
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 Jourrnal 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

Electrosymtehsized molecularly imprinted polymer thin films for antibiotics detection in aqeous solutions
Tretjakov, Aleksei; **Sõritski, Vitali**; **Reut, Jekaterina**; **Zhang, Y.**; **Öpik, Andres** Graduate Student Symposium on Molecular Imprinting 2013 : symposium programme and book of abstracts 2013 / p. 35

Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts
2003 https://www.ester.ee/record=b1809345*est

Engineering materials and tribology
2013

Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia
2016 http://dx.doi.org/10.4028/www.scientific.net/KEM.674

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

Erosion and impact wear resistance of thermal sprayed coatings [Electronic resource]
Kulu, Priit; **Tarbe, Riho**; **Veinthal, Renno** Proceedings of 15th IFHTSE and 20 SMT Congress : September 2006, Vienna 2006 / [CD-ROM]

Erosion wear of PM materials and coatings : prediction and control
Veinthal, Renno; **Kulu, Priit**; **Käerdi, Helmo** 17th International Baltic Conference : Materials Engineering 2008 : November 6-7, Kaunas, Lithuania : abstracts of papers 2008 / p. 52-53

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

Evaluation method of coating thickness of coating thickness standard
Laaneots, Rein; **Riim, Jürgen** 14 International Congress of Metrologie : Paris, France, 22-25 juin 2009 2009 / ? p

Evaluation of mechanical properties and residual stresses of hard PVD coatings
Gregor, Andre; Lille, Harri; Kõo, Jakub; **Sergejev, Fjodor**; **Traksmaa, Rainer**; **Sivitski, Alina**; **Kulu, Priit** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 34

Evaluation of residual stresses in PVD coatings by means of tubular substrate length variation
Lille, Harri; Ryabchikov, Alexander; Kõo, 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

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

Experimental spray powders and coatings produced from recycled hardmetal by various mechanical methods
Tarbe, Riho; **Zimakov, Sergei**; **Peetsalu, Priidu**; **Kulu, Priit**; **Mikli, Valdek** Euro PM2006 : congress & exhibition : proceedings : PM in Belgium, a crossroads in industry development : 23-25 October 2006 : Ghent, Belgium. Vol. 1, Hard materials 2006 / p. 259-264

15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts
2006 https://www.ester.ee/record=b2227259*est

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

Formation of microstructure of spray-fused powder coatings
Kulu, Priit; **Pihl, Toomas**; **Tammjärv, Kristi**; Vuoristo, Petri 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 & Balttrib 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 Quaziplastic [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. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 44-45

Identation method application for cracking resistance evaluation of hard coatings on tool steels
Sivitski, Alina; **Gregor, Andre**; **Saarna, Mart**; **Kulu, Priit**; **Sergejev, Fjodor** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 51

Impact and sliding wear properties of single layer, multilayer and nanocomposite physical vapour deposited (PVD) coatings on the plasma nitrided low-alloy 42CrMo4 steel
Surženkov, Andrei; **Adoberg, Eron**; **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 & Balttrib 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 : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 40

Influence of Cr, Ti and Zr oxides formation on high temperature sliding of NiAl-based plasma spray coatings
Poliarus, Olena; Umanskyi, Oleksandr; Ukrainets, Maksym; Kostenko, Oleksii; **Antonov, Maksim**; **Hussainova, Irina** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 308-312 : ill
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** Stambiamolekuliu junginiu chemija ir technologija = Polymer chemistry and technology : konferencijos pranešimu 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

https://www.researchgate.net/publication/237812860_Investigation_of_Ti_AlN_Based_Coatings_Grown_by_Physical_Vapor_Deposition

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

Jätkuks probleemidele katendite dimensioneerim[i]sel
Aavik, Andrus Teeleht 2003 / 3, lk. 3-8 : ill

Maavara kasutamine kattematerjalidena 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

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

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

Mõõtmine : mõõdundus. Pindepaksusmõõturite kalibreerimine : aastatel 1991-1997 avaldatud teadustööde koopiate kogumik. 5
Laaneots, Rein 1997 https://www.ester.ee/record=b2641553*est

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

Nanopowders, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts
2005 http://www.ester.ee/record=b2038086*est

New composite coatings on the base of recycled hardmetals
Zimakov, Sergei; **Tarbe, Riho**; **Kulu, Priit** Thermal Spray 2003 : proceedings of the International Thermal Spray Conference : [Orlando, Florida, 5-8 May 2003] 2003 / p. 455-459
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 monograin layer solar cell application
Timmo, Kristi; **Kauk-Kuusik, Marit**; **Altosaar, Mare**; **Raudoja, Jaan**; **Raadik, Taavi**; **Grossberg, Maarja**; **Varema, Tiit**; **Pilvet, Maris**; **Leinemann, Inga**; **Volobujeva, Olga**; **Mellikov, Enn** EU PVSEC proceedings 2013 / p. 2385-2388 : ill

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

On residual stresses in flame sprayed coatings
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, Jakub; **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.; Odnevall 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 koopiate kogumik. 1
Laaneots, Rein 1980 https://www.ester.ee/record=b2641412*est

Pinnete paksuse mõõtmine
Laaneots, Rein; **Roosimölder, Lembit** Tehnika ja Tootmine 1991 / 7/8, lk. 19-21: fotod

Pinnete paksuse mõõtmine : meetodid, mõõtevahendid ja jälgitavus : aastatel 1986-1990 avaldatud teadustööde koopiate kogumik. 3
Laaneots, Rein 1990 https://www.ester.ee/record=b2641436*est

Pinnete paksuse mõõtmine : meetodid, mõõtevahendid ja jälgitavus : aastatel 1991-1994 avaldatud teadustööde koopiate 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 Cu_2ZnSnS_4/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/InISI/CuInSI solar cell and the constituent layers deposited by chemical spray method = Keemilise pihustuse meetodil sadestatud ZnO-nanovarras/InISI/CuInSI päikesepatarei ja selle koostisosade omadused
Kärber, Erki 2014 https://www.ester.ee/record=b3073760*est

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

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

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

PVD grown SnS thin films onto different substrate surfaces
Revathi, Naidu; **Bereznev, Sergei**; **Iljina, Julia**; **Safonova, Maria**; **Mellikov, Enn**; **Volobujeva, Olga** Journal of materials science : materials in electronics 2013 / p. 4739-4744 : ill 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/IJMPT.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, Jakub; 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, Jakub**; 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, Jakub; **Pihl, Toomas** 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 38-39 : ill

Residual stresses in different brush-plated coatings
Lille, Harri; Kõo, Jakub; 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, Jakub; **Kulu, Priit**; **Pihl, Toomas** Materials Engineering & Balttrib 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, Jakub; **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: Ill

Selection criteria for abrasive erosion wear resistant powder coatings
Kulu, Priit; **Veinthal, Renno** Medžiagotyra = Materials science 2002 / 4, p. 425-429 : ill

Selection criteria for abrasive erosion wear resistant powder coatings
Kulu, Priit; **Veinthal, Renno** Abstracts of International Conference Materials Engineering and Tribology 2002 / p. 38

Selection criteria for abrasive erosion wear resistant powder coatings
Kulu, Priit; **Veinthal, Renno** Abstracts of 10th Nordic Symposium on Tribology NORDTRIB 2002 / p. 163

Selection criteria for abrasive erosion wear resistant powder coatings [Electronic resource]
Kulu, Priit; **Veinthal, Renno** Proceedings of 10th Nordic Symposium on Tribology NORDTRIB 2002 / [CD-ROM]

Selection criteria for wear resistant powder coatings under extreme erosive wear conditions
Kulu, Priit; **Pihl, Toomas** Journal of thermal spray technology 2002 / p. 517-522 : ill

Selection of coating systems and processes for different wear conditions
Kulu, Priit; **Saarna, Mart**; **Sergejev, Fjodor**; **Gregor, Andre**; **Surženkov, Andrei** Proceedings of 14th Nordic Symposium on Tribology : NORDTRIB 2010 : 08.06-11.06.2010, Storforsen, Sweden 2010 / [8] p. [CD-ROM]

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

Selection of powder coatings for extreme conditions of abrasive wear
Kulu, Priit EUROMAT 2001 : 7th European Conference on Advanced Materials and Processes : Rimini, Italy, 10-14 June, 2001 : conference abstracts 2001 / p. 117

Selection of powder coatings for extreme conditions of abrasive wear [Electronic resource]
Kulu, Priit Proceedings of 7th European Conference on Advanced Materials and Processes : EUROMAT 2001 : Italy 2001 / [CD-ROM]

Selection of powder coatings for extreme erosion wear conditions
Kulu, Priit Advanced engineering materials 2002 / 6, p. 392-397 : ill

Selective antibiofilm properties and biocompatibility of nano-ZnO and nano-ZnO/Ag coated surfaces
Rosenberg, Merilin; Visnapuu, Meeri; Vija, Heiki Scientific reports 2020 / art. 13478, 15 p. : ill https://doi.org/10.1038/s41598-020-70169-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Selenisation of sequentially electrodeposited Cu-Zn and Sn precursor layers
Iljina, Julia; **Volobujeva, Olga**; **Raadik, Taavi**; **Revathi, Naidu**; **Raudoja, Jaan**; **Loorits, Mihkel**; **Traksmaa, 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** BALTTRIB'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; **Loorits, Mihkel**; **Revathi, Naidu**; **Raadik, Taavi**; **Raudoja, Jaan**; **Grossberg, Maarja**; **Mellikov, Enn**; **Volobujeva, Olga**; **Ganchev, Maxim** Journal of crystal growth 2013 / p. 236-240 : ill https://doi.org/10.1016/j.jcrysgro.2013.06.012 Journal metrics at

Scopus Article at Scopus Journal metrics at WOS Article at WOS

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, Crovatia, 11-14 June 2013 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, Jakub; Lille, Harri; **Pihl, Toomas** Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 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 / l. 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; **Krunks, 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
Krunks, Malle; **Dedova, Tatjana**; **Oja Acik, Ilona**; **Kriisa, Merike**; **Mikli, Valdek**; **Katerski, Atanas**; **Kärber, Erki**; **Mere, Arvo** NEXTGEN NANO PV : book of abstracts 2013 / p. 31-32

Tallinna teadlased leiutasid õhku puhastavad pinnakatted [Võrguväljaanne]
Pau, Aivar forte.delfi.ee 2021 "Tallinna teadlased leiutasid õhku puhastavad pinnakatted "

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 barjäärpinded
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

http://innomet.ttu.ee/daaam08/online/Design%20Engineering/Abiline.pdf

The effect of grey water irrigation on greenroof performance
Spolek, G.; **Voll, Hendrik**; Ouldboukhitine, 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; Tuszynski, 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?sa=t&source=web&rct=j&opi=89978449&url=https://bibliotekanauki.pl/articles/190040.pdf&ved=2ahUKEwi29Zn44oeIAxXhMhAIHUbTCiYQFnoECBIQAQ&usg=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

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

Transition from self-organized criticality into self-organization during sliding Si3N4 balls against nanocrystalline diamond films
Bogatov, Andrei; **Podgurski, Vitali**; **Vagiström, Heinar**; **Yashin, Maxim**; **Shaikh, Asad Alamgir**; **Viljus, Mart**; Menezes, Pradeep; Gershman, Iosif Entropy 2019 / art. 1055 ; 12 p https://doi.org/10.3390/e21111055 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Tribological and structural aspects of tribo-design of abrasive wear resistant coatings
Kulu, Priit Tribology of surface layers and coatings : proceedings of the 4th International Tribology Conference, PRAGOTRIB 2004 : Prague, Czech Republic, 17 and 18 June 2004 2004

Tribological behavior of hybrid coatings at extreme conditions = 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 combing The 5th Annual Finnish Powder Metallurgy Network Seminar : Tampere, Finland, 2003 2003 / p. 7

Upgrading the crush strenght of ammonium nitrate prills by coating with limestone or dolomite powder
Klimova, Irina; **Mikli, Valdek**; **Kaljuvee, Tiit** 6th International Granulation Workshop : Granulation Conference, Sheffield, UK, 26th-28th June 2013 2013 / p. 102

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

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

Wear of different PVD coatings at industrial fine-blanking field tests
Lind, Liina; **Peetsalu, Priidu**; **Sergejev, Fjodor** Medžiagotyra = Materials science 2015 / p. 343-348 : ill 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 cladded 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 :

proceedings 1999 / p. 311-318: ill

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

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

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

Уралальской региональной конференции по порошковой металлургии и композиционным материалам 1985 / с. 66

Газотермические покрытия на порошковых материалах. Сообщение 1. Наплавленные порошковые покрытия
Kulu, Priit; **Halling, Jaanus** Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1986 / с. 75-80 : ил https://www.ester.ee/record=b1645489*est

Газотермические покрытия на порошковых материалах. Сообщение 2. Наплавленные порошковые покрытия
Kulu, Priit; **Halling, Jaanus** Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1986 / с. 60-64 : ил https://www.ester.ee/record=b1645489*est

Дисперсно-армированные отделочные композиции на основе промышленных отходов : автореферат ... кандидата технических наук (05.23.05)
Lõhmus, Leho 1991 http://www.ester.ee/record=b1258541*est

Дисперсно-армированные отделочные композиции на основе промышленных отходов : диссертация ... кандидата технических наук : 05.23.05 - строительные материалы и изделия
Lõhmus, Leho 1991 http://www.ester.ee/record=b2488589*est

Защитные покрытия на порошковых сталях
Kulu, Priit; **Halling, Jaanus** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 28-35: ill

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

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

Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик
1991 https://www.ester.ee/record=b1235787*est

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

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

Износостойкость 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 износо- 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**; **Arensburger, 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 поверки 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 поверки толщиномеров покрытий
Laaneots, Rein 1989 https://www.ester.ee/record=b1285532*est

Методы и средства для поверки толщиномеров покрытий : автореферат диссертации на соискание ученой степени доктора технических наук (05.11.01 ; 05.11.15)
Laaneots, Rein 1990 http://www.ester.ee/record=b1519875*est

Методы и средства для поверки толщиномеров покрытий : специальности: 05.11.01 - приборы и методы измерения механическич 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 полирмерных 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
Piiroja, Eduard; Adrat, M. Технология органических веществ. 1 1969 / с. 49-54 https://www.ester.ee/record=b1337236*est
https://digikogu.taltech.ee/et/Item/d6e3c08c-1c99-48a8-ae34-e91a3f1c8d0d

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

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

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

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

Особенности создания 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 толшиномеров покрытий
Laaneots, Rein Контроль толщины покрытий и его метрологические обеспечение : тезисы докладов 1990 / с. 48-49

Устройство для поверки толщинометров 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.; Павлоцкая 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