Abrasive wear performance of carbide composites
Klaasen, Heinrich; **Kübarsepp, Jakob** Wear 2006 / p. 520-526 : ill https://doi.org/10.1016/j.wear.2005.12.004

Abrasive wear powder materials and coatings
Kulu, Priit; **Tarbe, Riho**; **Vallikivi, Ahto** Materials science = Medžiagotyra 2005 / p. 230-234 : ill

Abrasive wear resistance of HVOF sprayed and PTA-welded hardmetal hard phase reinforced metal-matrix based coatings
Tarbe, Riho; **Kulu, Priit**; Zikin, Arkadi; **Surženkov, Andrei** Engineering materials & tribology XXII 2014 / p. 3-7

Abrasive wear resistance of recycled hardmetal reinforced thick coating
Kulu, Priit; **Tarbe, Riho**; **Zikin, Arkadi**; **Sarjas, Heikki**; **Surženkov, Andrei** Engineering materials and tribology 2013 / p. 185-190

Assessment of the reliability of hardfacings for soil rippers
Jankauskas, Vytenis; Katinas, Egidijus; Varnauskas, Valentinas; Katinas, A.; **Antonov, Maksim** Journal of friction and wear 2015 / p. 89-95 : ill http://dx.doi.org/10.3103/S106836661501016X

Determination of resistance to wear of particulate composite
Aruniit, Aare; **Antonov, Maksim**; **Kers, Jaan**; **Krumme, Andres** Engineering materials & tribology XXII 2014 / p. 188-191

Developments in cermet design, technology and performance
Kübarsepp, Jakob; **Pirso, Jüri**; **Juhani, Kristjan**; **Viljus, Mart** International journal of materials & product technology 2014 / p. 160-179

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 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

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

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

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

Modeling of microstructures and analysis of abrasive wear of arc-welded hadfield steel
Jankauskas, Vytenis; Choteborsky, R.; **Antonov, Maksim**; Katinas, Egidijus Journal of friction and wear 2018 / p. 78-84 : ill https://doi.org/10.3103/S1068366618010142 Journal metrics at Scopus Article at Scopus Article at WOS

Optimization of reinforcement content of powder metallurgy hardfacings in abrasive wear conditions
Simson, Taavi; **Kulu, Priit**; **Surženkov, Andrei**; **Tarbe, Riho**; **Viljus, Mart**; **Tarraste, Marek**; **Goljandin, Dmitri** Proceedings of the Estonian Academy of Sciences 2016 / p. 90-96 : ill

Optimization of structure of hardmetal reinforced iron-based PM hardfacings for abrasive wear conditions
Simson, Taavi; **Kulu, Priit**; **Surženkov, Andrei**; **Goljandin, Dmitri**; **Tarbe, Riho**; **Tarraste, Marek**; **Viljus, Mart** Engineering materials and tribology XXV 2017 / p. 351-355 http://dx.doi.org/10.4028/www.scientific.net/KEM.721.351

Production of thermal spray Cr3C2-Ni powders by mechanically activated synthesis
Tkachivskyi, Dmytro; **Juhani, Kristjan**; **Surženkov, Andrei**; **Kulu, Priit**; **Viljus, Mart**; **Traksmaa, Rainer**; Jankauskas, Vytenis; Leišys, Rimtautas Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 31-36 : ill https://doi.org/10.4028/www.scientific.net/KEM.799.31

https://www.ester.ee/record=b5235278*est https://www.scientific.net/KEM.799.31 Conference proceeding at Scopus Article at Scopus

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

Study of submerged and plasma arc welded composite hardfacings with a novel Cr3C2–Ni reinforcement
Bendikiene, Regita; **Surženkov, Andrei**; **Tkachivskyi, Dmytro**; **Juhani, Kristjan**; **Viljus, Mart**; **Traksmaa, Rainer**; **Antonov, Maksim**; **Kulu, Priit** Proceedings of the Estonian Academy of Sciences 2019 / p. 150–157 : ill https://doi.org/10.3176/proc.2019.2.06 http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-150-157.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Wear behavior of recycled hard particle reinforced NiCrBSi hardfacings deposited by plasma transferred arc (PTA) process
Zikin, Arkadi; **Hussainova, Irina**; Katsich, Christian; **Kulu, Priit**; **Goljandin, Dmitri** Engineering materials and tribology 2013 / p. 179-184
https://www.researchgate.net/publication/236332219_Wear_Behaviour_of_Recycled_Hard_Particle_Reinforced_NiCrBSi_Hardfacings_Deposited_by_Plasma_Transferred_Arc_PTA_Process

Wear behaviour of Cr3C2-Ni cermet reinforced hardfacings
Bendikiene, Regita; Ciuplys, Antanas; Sertvytis, Rolandas; **Surženkov, Andrei**; **Tkachivskyi, Dmytro**; **Viljus, Mart**; **Traksmaa, Rainer**; **Antonov, Maksim**; **Kulu, Priit** Journal of materials research and technology 2020 / p. 7068-7078 : ill
https://doi.org/10.1016/j.jmrt.2020.05.042 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Wear behaviour of doped WC–NI based hardmetals tested by four methods
Yung, Der-Liang; **Antonov, Maksim**; **Veinthal, Renno**; **Hussainova, Irina** Wear 2016 / p. 171-179 : ill
http://dx.doi.org/10.1016/j.wear.2016.02.015

Wear resistance and selection of steels, hardmetals and hardfacings for abrasive wear conditions
Kulu, Priit; **Tarbe, Riho**; **Saarna, Mart**; **Surženkov, Andrei**; **Peetsalu, Priidu**; **Talviste, Kristofer** International journal of microstructure and materials properties 2015 / p. 101-113 http://dx.doi.org/10.1504/IJMMP.2015.068718

Wear resistance of sintered composite hardfacings under different abrasive wear conditions
Simson, Taavi; **Kulu, Priit**; **Surženkov, Andrei**; **Tarbe, Riho**; **Goljandin, Dmitri**; **Tarraste, Marek**; **Viljus, Mart**; **Traksmaa, Rainer** Medžiagotyra = Materials science 2017 / p. 249-253 : ill http://dx.doi.org/10.5755/j01.ms.23.3.17640

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